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ALAMEDA POINT
SSIC NO. 5090.3.A.

FOLDER 1 OF 25

Fall/Winter 2004 Quarterly Groundwater Monitoring Data Report

Alameda Point
Alameda, California

Contract No. N68711-02-D-8213
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Prepared for:

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March 2005

Sites 1 and 32

Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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Technical
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Tables

Sites 1 and 32
Basewide Groundwater Monitoring Program
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Table 1-1
Groundwater Monitoring Summary, IR Sites 1 and 32 - Fall/Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

				Organic Compounds				Inorganic Compounds		Natural Attenuation Parameters						Radionuclides							
WATER-BEARING ZONE	SAMPLE LOCATION	GEOLOGICAL UNIT	SCREEN INTERVAL (FT. BGS)	VOCs (EPA 8260B)	SVOCs (EPA 8270C)	Pesticides (EPA 8081A)	PCBs (EPA 8082)	Dissolved Metals (EPA 6010B/ 6020A/7470A)	Cyanide (EPA 9010B/335.2)	Methane, Ethane, Ethene (RSK SOP 175)	Nitrate, Nitrite, Chloride, Sulfate (EPA9056/300.0)	Alkalinity (EPA 310.1)	Sulfide (EPA 376.2)	Ferrous Iron (Hach 8146)	TDS (EPA Method 160.1)	Gross Alpha (EPA 9310/900.0)	Gross Beta (EPA 9310/900.0)	Gamma Emitting Radionuclides (EPA Method 901.1)	Radium (EPA 9315/903.0)	Tritium Isotopes (EPA Method 906.0)	Radium-228 Isotopes (EPA Method 904.0)	Radioactive Strontium (EPA Method 905.0)	Uranium isotopes (EPA Method 908 Modified)
Groundwater Monitoring Program Wells																							
First	M001-A	Fill	4 - 14	X	X	X	X	X	X							X	X	---	X	X	X	---	---
	M001-E	Fill	9.5 - 19.5	X	X			X	X							X	X	---	X	X	X	---	---
	M002-A	Fill	4 - 10	X	X	X	X	X	X							X	X	---	X	X	X	---	---
	M003-A	Fill	4 - 14	X	X	X	X	X	X							X	X	---	X	X	X	---	---
	M004-A	Fill	3.5 - 13.5	X	X			X	X	X	X	X	X	X	X	X	X	---	X	X	X	---	---
	M005-A	Fill	2.9 - 12.9	X												X	X	---	X	X	X	---	---
	M006-A	Fill	4 - 14	X	X			X	X							X	X	---	X	X	X	---	---
	M007-A	Fill	3.5 - 13.5	X	X			X	X							X	X	---	X	X	X	---	---
	M025-A	Fill	4 - 14	X	X	X	X	X	X							X	X	---	X	X	X	---	---
	M026-A	Fill	3.5 - 13.5	X	X			X	X							X	X	---	X	X	X	---	---
	M026-E	Fill-BSU	11 - 21	X	X			X	X							X	X	---	X	X	X	---	---
	M027-A	Fill	3.5 - 13.5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	---	X	X	X	---	---
	M027-E	Fill	12 - 22	X																			
	M028-A	Fill	4 - 14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	---	X	X	X	---	---
	M028-E	Fill	11 - 21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	---	X	X	X	---	---
	M029-A	Fill	4 - 14	X	X			X	X							X	X	---	X	X	X	---	---
	M029-E	Fill	10 - 20	X	X			X	X							X	X	---	X	X	X	---	---
	M030-A	Fill	2.5 - 12.5	X	X	X	X	X	X							X	X	---	X	X	X	---	---
	M031-A	Fill	2.5 - 12.5	X	X			X	X							X	X	---	X	X	X	---	---
	M031-E	Fill	8 - 18	X																			
	M032-A	Fill	2.5 - 12.5	X	X			X	X							X	X	---	X	X	X	---	---
	M033-A	Fill	4.25 - 12.5	X	X			X	X	X	X	X	X	X	X	X	X	---	X	X	X	---	---
	M034-A	Fill	4.25 - 12.5	X	X			X	X							X	X	---	X	X	X	---	---
	M035-A	Fill	4 - 14	X	X			X	X							X	X	---	X	X	X	---	---
Second	M001-B	Merritt	62 - 72	X	X			X	X							X	X	---	X	X	X	---	---
	M003-B	Merritt	33 - 43	X	X			X	X	X	X	X	X	X	X	X	X	---	X	X	X	---	---
	M025-C	BSU	70 - 79.5	X	X			X	X							X	X	---	X	X	X	---	---
	M027-B	Merritt	56 - 66	X	X			X	X							X	X	---	X	X	X	---	---
	M027-C	BSU-USA	80 - 90	X	X			X	X							X	X	---	X	X	X	---	---

Table 1-1
Groundwater Monitoring Summary, IR Sites 1 and 32 - Fall/Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

				Organic Compounds				Inorganic Compounds		Natural Attenuation Parameters						Radionuclides							
WATER-BEARING ZONE	SAMPLE LOCATION	GEOLOGICAL UNIT	SCREEN INTERVAL (FT. BGS)	VOCs (EPA 8260B)	SVOCs (EPA 8270C)	Pesticides (EPA 8081A)	PCBs (EPA 8082)	Dissolved Metals (EPA 6010B/ 6020A/7470A)	Cyanide (EPA 9010B/335.2)	Methane, Ethane, Ethene (RSK SOP 175)	Nitrate, Nitrite, Chloride, Sulfate (EPA9056/300.0)	Alkalinity (EPA 310.1)	Sulfide (EPA 376.2)	Ferrous Iron (Hach 8146)	TDS (EPA Method 160.1)	Gross Alpha (EPA 9310/900.0)	Gross Beta (EPA 9310/900.0)	Gamma Emitting Radionuclides (EPA Method 901.1)	Radium (EPA 9315/903.0)	Tritium Isotopes (EPA Method 906.0)	Radium-228 Isotopes (EPA Method 904.0)	Radioactive Strontium (EPA Method 905.0)	Uranium isotopes (EPA Method 908 Modified)
Second	M028-C	USA	80 - 90	X	X			X	X	X	X	X	X	X	X	X	X	---	X	X	X	---	---
	M030-C	USA	76.5 - 86.5	X	X			X	X							X	X	---	X	X	X	---	---
	M031-C	Merritt-USA	77.5 - 87.5	X	X			X	X							X	X	---	X	X	X	---	---
Non-Program Wells, Water Level Only																							
First	M002-E	Fill	10 - 20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M003-E	Fill	11.25 - 21.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M030-E	Fill	6 - 16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Second	M025-E	Fill-BSU	17 - 27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
- X — Well sampled for this parameter during Fall/Winter 2004 event.
- --- — Analytical parameter temporarily suspended for Fall/Winter 2004 and Spring 2005 sampling events.
- \- — Well not in analytical program.

Fill - Artificial Fill
BSU - Bay Sediment Unit
USA - Upper San Antonio Formation
Merritt - Merritt Sand

FT. BGS - Feet below ground surface
TPH - Total Petroleum Hydrocarbons
VOCs - Volatile Organic Compounds
SVOCs - Semivolatile Organic Compound
PCBs - Polychlorinated Biphenyls

GER - Gamma Emitting Radionuclides
(8260B) - U.S. Environmental Protection Agency analytical method
TDS - Total Dissolved Solids
RSK 175 - R.S. Kerr Laboratory Standard Operating Procedure 175

Table 1-2
Summary of Groundwater Level Measurements at Installation Restoration Sites 1 and 32
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M001-A	9.5	9.02 *	11/10/04	4.35	4.67
		9.5	9.02 *	06/14/04	4.90	4.12
		9.5	9.02 *	03/02/04	2.86	6.16
		9.5	9.02 *	12/03/03	4.56	4.46
		9.5	9.02 *	09/15/03	4.96	4.06
		9.5	9.02 *	06/24/03	4.63	4.39
		9.5	9.02 *	04/08/03	4.31	4.71
		9.5	9.02 *	12/10/02	4.64	4.38
		9.5	9.02 *	09/13/02	5.50	3.52
		9.5	9.02 *	06/27/02	7.90	1.12
First	M001-E	10.2	9.74 *	11/10/04	5.48	4.26
		10.2	9.74 *	06/14/04	6.53	3.21
		10.2	9.74 *	03/02/04	3.97	5.77
		10.2	9.74 *	12/03/03	6.15	3.59
		10.2	9.74 *	09/15/03	6.43	3.31
		10.2	9.74 *	06/24/03	5.82	3.92
		10.2	9.74 *	04/08/03	5.89	3.85
		10.2	9.74 *	12/10/02	5.92	3.82
		10.2	9.74 *	09/13/02	5.87	3.87
		10.2	9.74 *	06/27/02	5.73	4.01
First	M002-A	11.2	10.94 *	11/10/04	6.01	4.93
		11.2	10.94 *	06/14/04	6.94	4.00
		11.2	10.94 *	03/02/04	5.28	5.66
		11.2	10.94 *	12/03/03	5.78	5.16
		11.2	10.94 *	09/15/03	6.88	4.06
		11.2	10.94 *	06/24/03	6.89	4.05
		11.2	10.94 *	04/08/03	6.88	4.06
		11.2	10.94 *	12/10/02	6.00	4.94
		11.2	10.94 *	09/13/02	6.72	4.22
		11.2	10.94 *	06/26/02	6.51	4.43
First	M002-E ‡	11.4	10.79 **	11/10/04	6.65	4.14
		11.4	10.79 **	06/14/04	6.58	4.21
		11.4	10.79 **	03/02/04	4.71	6.08
		11.4	10.79 **	12/03/03	4.81	5.98
		11.4	10.79 **	09/15/03	8.41	2.38
First	M003-A	11.3	10.81 *	11/10/04	5.92	4.89
		11.3	10.81 *	06/14/04	6.02	4.79
		11.3	10.81 *	03/02/04	3.80	7.01
		11.3	10.81 *	12/03/03	5.99	4.82
		11.3	10.81 *	09/15/03	6.50	4.31
		11.3	10.81 *	06/24/03	5.73	5.08
		11.3	10.81 *	04/08/03	4.97	5.84
		11.3	10.81 *	12/10/02	6.19	4.62
		11.3	10.81 *	09/13/02	6.59	4.22
		11.3	10.81 *	06/26/02	6.14	4.67
First	M003-E ‡	11.3	11.00 **	11/10/04	6.01	4.99
		11.3	11.00 **	06/14/04	6.25	4.75
		11.3	11.00 **	03/02/04	3.91	7.09

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Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M003-E ‡	11.3	11.00 **	12/03/03	6.12	4.88
		11.3	11.00 **	09/15/03	6.65	4.35
First	M004-A	10.6	10.27 *	11/10/04	5.55	4.72
		10.6	10.27 *	06/14/04	5.39	4.88
		10.6	10.27 *	06/26/02	6.05	4.22
		10.6	10.27 *	09/13/02	6.35	3.92
		10.6	10.27 *	12/10/02	6.00	4.27
		10.6	10.27 *	04/08/03	NF	NC
		10.6	10.27 *	06/24/03	5.63	4.64
		10.6	10.27 *	09/15/03	6.19	4.08
		10.6	10.27 *	12/03/03	5.88	4.39
		10.6	10.27 *	03/02/04	2.46	7.81
First	M005-A	10.9	10.57	11/10/04	5.06	5.51
		10.9	10.57	06/14/04	4.30	6.27
		10.9	10.57	09/15/03	NF	NC
		10.9	10.57	12/03/03	NF	NC
		10.9	10.57	03/02/04	2.11	8.46
First	M006-A	10.5	10.29 *	11/10/04	4.23	6.06
		10.5	10.29 *	06/14/04	4.30	5.99
		10.5	10.29 *	03/02/04	1.09	9.20
		10.5	10.29 *	12/03/03	4.57	5.72
		10.5	10.29 *	09/15/03	4.91	5.38
		10.5	10.29 *	06/24/03	3.81	6.48
		10.5	10.29 *	04/08/03	2.99	7.30
		10.5	10.29 *	12/10/02	4.78	5.51
		10.5	10.29 *	09/13/02	4.96	5.33
		10.5	10.29 *	06/26/02	4.30	5.99
First	M007-A	8.6	8.22 *	11/10/04	1.43	6.79
		8.6	8.22 *	06/14/04	2.29	5.93
		8.6	8.22 *	03/02/04	0.00 †	8.22
		8.6	8.22 *	12/03/03	2.12	6.10
		8.6	8.22 *	09/15/03	2.80	5.42
		8.6	8.22 *	06/24/03	2.05	6.17
		8.6	8.22 *	04/08/03	1.03	7.19
		8.6	8.22 *	12/10/02	2.30	5.92
		8.6	8.22 *	09/13/02	2.87	5.35
		8.6	8.22 *	06/26/02	2.35	5.87
First	M025-A	9.0	8.51 *	11/10/04	3.96	4.55
		9.0	8.51 *	06/14/04	4.68	3.83
		9.0	8.51 *	03/02/04	3.32	5.19
		9.0	8.51 *	12/03/03	3.63	4.88
		9.0	8.51 *	09/15/03	4.86	3.65
		9.0	8.51 *	06/24/03	4.71	3.80
		9.0	8.51 *	04/08/03	5.26	3.25
		9.0	8.51 *	12/10/02	4.04	4.47
		9.0	8.51 *	09/13/02	5.03	3.48
		9.0	8.51 *	07/01/02	5.58	2.93
First	M026-A	8.7	8.61 *	11/10/04	2.61	6.00

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Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M026-A	8.7	8.61 *	06/14/04	4.51	4.10
		8.7	8.61 *	03/02/04	3.15	5.46
		8.7	8.61 *	12/03/03	3.08	5.53
		8.7	8.61 *	09/15/03	5.13	3.48
		8.7	8.61 *	06/24/03	4.82	3.79
		8.7	8.61 *	04/08/03	5.68	2.93
		8.7	8.61 *	12/10/02	4.21	4.40
		8.7	8.61 *	09/13/02	5.06	3.55
		8.7	8.61 *	07/12/02	5.55	3.06
First	M026-E	8.5	8.65 *	11/10/04	3.31	5.34
		8.5	8.65 *	06/14/04	4.54	4.11
		8.5	8.65 *	03/02/04	3.39	5.26
		8.5	8.65 *	12/03/03	3.30	5.35
		8.5	8.65 *	09/15/03	5.35	3.30
		8.5	8.65 *	06/24/03	4.78	3.87
		8.5	8.65 *	04/08/03	5.49	3.16
		8.5	8.65 *	12/10/02	4.20	4.45
		8.5	8.65 *	09/13/02	5.17	3.48
		8.5	8.65 *	07/01/02	5.40	3.25
First	M027-A	9.7	9.38 *	11/10/04	4.58	4.80
		9.7	9.38 *	06/14/04	5.35	4.03
		9.7	9.38 *	03/02/04	3.66	5.72
		9.7	9.38 *	12/03/03	4.79	4.59
		9.7	9.38 *	09/15/03	6.22	3.16
		9.7	9.38 *	06/24/03	5.24	4.14
		9.7	9.38 *	04/08/03	4.95	4.43
		9.7	9.38 *	12/10/02	4.76	4.62
		9.7	9.38 *	09/13/02	5.18	4.20
		9.7	9.38 *	06/28/02	5.16	4.22
First	M027-E	10.0	9.41	11/10/04	4.29	5.12
		10.0	9.41	06/14/04	5.13	4.28
		10.0	9.41	03/02/04	3.00	6.41
		10.0	9.41	12/03/03	4.53	4.88
		10.0	9.41	09/15/03	5.07	4.34
		10.0	9.41	09/13/02	4.95	4.46
First	M028-A	10.8	10.67 *	11/10/04	5.91	4.76
		10.8	10.67 *	06/14/04	6.53	4.14
		10.8	10.67 *	03/02/04	5.01	5.66
		10.8	10.67 *	12/03/03	6.21	4.46
		10.8	10.67 *	09/15/03	6.54	4.13
		10.8	10.67 *	06/24/03	6.40	4.27
		10.8	10.67 *	04/08/03	6.16	4.51
		10.8	10.67 *	12/27/02	4.61 §	6.06
		10.8	10.67 *	09/13/02	6.58	4.09
		10.8	10.67 *	07/01/02	6.68	3.99
First	M028-E	10.8	10.42	11/10/04	5.63	4.79
		10.8	10.42	06/14/04	6.25	4.17
		10.8	10.42	03/02/04	4.61	5.81

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Summer 2002 through Winter 2004
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Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M028-E	10.8	10.42	12/03/03	6.98	3.44
		10.8	10.42	09/15/03	6.22	4.20
		10.8	10.42	06/24/03	6.04	4.38
		10.8	10.42	04/08/03	5.83	4.59
		10.8	10.42	12/10/02	6.03	4.39
		10.8	10.42	09/13/02	6.27	4.15
First	M029-A	9.8	9.46 *	11/10/04	4.79	4.67
		9.8	9.46 *	06/14/04	4.74	4.72
		9.8	9.46 *	03/02/04	3.79	5.67
		9.8	9.46 *	12/03/03	5.28	4.18
		9.8	9.46 *	09/15/03	5.70	3.76
		9.8	9.46 *	06/24/03	5.67	3.79
		9.8	9.46 *	04/08/03	5.41	4.05
		9.8	9.46 *	12/10/02	5.23	4.23
		9.8	9.46 *	09/13/02	5.70	3.76
		9.8	9.46 *	06/27/02	5.51	3.95
First	M029-E	9.1	8.62 *	11/10/04	4.01	4.61
		9.1	8.62 *	06/14/04	4.72	3.90
		9.1	8.62 *	03/02/04	2.76	5.86
		9.1	8.62 *	12/03/03	4.43	4.19
		9.1	8.62 *	09/15/03	4.72	3.90
		9.1	8.62 *	06/24/03	4.68	3.94
		9.1	8.62 *	04/08/03	4.24	4.38
		9.1	8.62 *	12/10/02	4.41	4.21
		9.1	8.62 *	09/13/02	4.80	3.82
		9.1	8.62 *	06/27/02	4.67	3.95
First	M030-A	10.3	10.08 *	11/10/04	4.56	5.52
		10.3	10.08 *	06/14/04	5.06	5.02
		10.3	10.08 *	03/02/04	2.42	7.66
		10.3	10.08 *	12/03/03	4.54	5.54
		10.3	10.08 *	09/15/03	5.55	4.53
		10.3	10.08 *	06/24/03	4.81	5.27
		10.3	10.08 *	04/08/03	3.79	6.29
		10.3	10.08 *	12/10/02	5.04	5.04
		10.3	10.08 *	09/13/02	6.62	3.46
		10.3	10.08 *	06/27/02	6.12	3.96
First	M030-E ‡	10.6	9.98	11/10/04	4.52	5.46
		10.6	9.98	06/14/04	5.01	4.97
		10.6	9.98	03/02/04	2.39	7.59
		10.6	9.98	12/03/03	4.52	5.46
		10.6	9.98	09/15/03	5.46	4.52
		10.6	9.98	09/13/02	5.59	4.39
First	M031-A	8.8	8.47 *	11/10/04	2.90	5.57
		8.8	8.47 *	06/14/04	3.80	4.67
		8.8	8.47 *	03/02/04	0.46	8.01
		8.8	8.47 *	12/03/03	NM	NC
		8.8	8.47 *	09/15/03	4.13	4.34
		8.8	8.47 *	06/24/03	3.57	4.90

Table 1-2
Summary of Groundwater Level Measurements at Installation Restoration Sites 1 and 32
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M031-A	8.8	8.47 *	04/08/03	2.28	6.19
		8.8	8.47 *	12/10/02	3.54	4.93
		8.8	8.47 *	09/13/02	4.16	4.31
		8.8	8.47 *	06/28/02	3.79	4.68
First	M031-E	8.9	8.51	11/10/04	2.88	5.63
		8.9	8.51	06/14/04	3.81	4.70
		8.9	8.51	03/02/04	0.48	8.03
		8.9	8.51	12/03/03	3.24	5.27
		8.9	8.51	09/15/03	4.14	4.37
		8.9	8.51	09/13/02	4.17	4.34
First	M032-A	10.2	9.84 *	11/10/04	4.11	5.73
		10.2	9.84 *	06/14/04	4.23	5.61
		10.2	9.84 *	03/02/04	1.37	8.47
		10.2	9.84 *	12/03/03	4.31	5.53
		10.2	9.84 *	09/15/03	4.62	5.22
		10.2	9.84 *	06/24/03	3.93	5.91
		10.2	9.84 *	04/08/03	3.26	6.58
		10.2	9.84 *	12/10/02	4.56	5.28
		10.2	9.84 *	09/13/02	4.70	5.14
		10.2	9.84 *	06/26/02	4.20	5.64
First	M033-A	10.4	10.14 *	11/10/04	5.31	4.83
		10.4	10.14 *	06/14/04	5.78	4.36
		10.4	10.14 *	03/02/04	3.72	6.42
		10.4	10.14 *	12/03/03	5.60	4.54
		10.4	10.14 *	09/15/03	5.93	4.21
		10.4	10.14 *	06/24/03	5.60	4.54
		10.4	10.14 *	04/08/03	5.05	5.09
		10.4	10.14 *	12/10/02	5.67	4.47
		10.4	10.14 *	09/13/02	6.03	4.11
		10.4	10.14 *	06/28/02	5.78	4.36
First	M034-A	9.1	8.87 *	11/10/04	3.88	4.99
		9.1	8.87 *	06/14/04	4.39	4.48
		9.1	8.87 *	03/02/04	2.07	6.80
		9.1	8.87 *	12/03/03	4.16	4.71
		9.1	8.87 *	09/15/03	4.56	4.31
		9.1	8.87 *	06/24/03	4.13	4.74
		9.1	8.87 *	04/08/03	3.62	5.25
		9.1	8.87 *	12/10/02	4.32	4.55
		9.1	8.87 *	09/13/02	4.63	4.24
		9.1	8.87 *	06/28/02	4.39	4.48
First	M035-A	10.8	10.58 *	11/10/04	5.73	4.85
		10.8	10.58 *	06/14/04	6.35	4.23
		10.8	10.58 *	03/02/04	4.20	6.38
		10.8	10.58 *	12/03/03	6.04	4.54
		10.8	10.58 *	09/15/03	5.75	4.83
		10.8	10.58 *	06/24/03	6.17	4.41
		10.8	10.58 *	04/08/03	5.65	4.93

Table 1-2
Summary of Groundwater Level Measurements at Installation Restoration Sites 1 and 32
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M035-A	10.8	10.58 *	12/30/02	4.12 §	6.46
		10.8	10.58 *	09/13/02	6.38	4.20
		10.8	10.58 *	06/28/02	6.23	4.35
Second	M001-B	10.0	9.57 *	11/10/04	4.50	5.07
		10.0	9.57 *	06/14/04	5.88	3.69
		10.0	9.57 *	03/02/04	4.14	5.43
		10.0	9.57 *	12/03/03	4.12	5.45
		10.0	9.57 *	09/15/03	6.47	3.10
		10.0	9.57 *	06/24/03	6.13	3.44
		10.0	9.57 *	04/08/03	7.68	1.89
		10.0	9.57 *	12/10/02	5.54	4.03
		10.0	9.57 *	09/13/02	2.35	7.22
		10.0	9.57 *	07/02/02	6.18	3.39
Second	M003-B	11.2	11.23 *	11/10/04	7.33	3.90
		11.2	11.23 *	06/14/04	7.30	3.93
		11.2	11.23 *	03/02/04	5.75	5.48
		11.2	11.23 *	12/03/03	6.09	5.14
		11.2	11.23 *	09/15/03	7.62	3.61
		11.2	11.23 *	06/24/03	7.38	3.85
		11.2	11.23 *	04/08/03	7.98	3.25
		11.2	11.23 *	12/10/02	7.11	4.12
		11.2	11.23 *	09/13/02	6.95	4.28
		11.2	11.23 *	07/01/02	8.81	2.42
Second	M025-C	8.4	7.97 *	11/10/04	2.96	5.01
		8.4	7.97 *	06/14/04	3.34	4.63
		8.4	7.97 *	03/02/04	2.46	5.51
		8.4	7.97 *	12/03/03	3.18	4.79
		8.4	7.97 *	09/15/03	3.45	4.52
		8.4	7.97 *	06/24/03	3.35	4.62
		8.4	7.97 *	04/08/03	3.63	4.34
		8.4	7.97 *	12/10/02	3.43	4.54
		8.4	7.97 *	09/13/02	3.46	4.51
		8.4	7.97 *	07/01/02	3.60	4.37
Second	M025-E ‡	8.7	8.34	11/10/04	NM	NC
		8.7	8.34	06/14/04	4.14	4.20
		8.7	8.34	09/13/02	4.97	3.37
Second	M027-B	9.8	9.33 *	11/10/04	3.69	5.64
		9.8	9.33 *	06/14/04	4.67	4.66
		9.8	9.33 *	03/02/04	3.80	5.53
		9.8	9.33 *	12/03/03	4.10	5.23
		9.8	9.33 *	09/15/03	4.88	4.45
		9.8	9.33 *	06/24/03	4.69	4.64
		9.8	9.33 *	04/08/03	5.72	3.61
		9.8	9.33 *	12/10/02	5.00	4.33
		9.8	9.33 *	09/13/02	5.10	4.23
		9.8	9.33 *	07/02/02	6.18	3.15
Second	M027-C	9.5	8.92 *	11/10/04	3.71	5.21
		9.5	8.92 *	06/14/04	4.63	4.29

Table 1-2
Summary of Groundwater Level Measurements at Installation Restoration Sites 1 and 32
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
Second	M027-C	9.5	8.92 *	03/02/04	3.96	4.96
		9.5	8.92 *	12/03/03	4.12	4.80
		9.5	8.92 *	09/15/03	4.81	4.11
		9.5	8.92 *	06/24/03	4.68	4.24
		9.5	8.92 *	04/08/03	5.60	3.32
		9.5	8.92 *	12/10/02	4.78	4.14
		9.5	8.92 *	09/13/02	4.90	4.02
		9.5	8.92 *	07/02/02	5.60	3.32
Second	M028-C	10.9	10.86 *	11/10/04	5.44	5.42
		10.9	10.86 *	06/14/04	6.75	4.11
		10.9	10.86 *	03/02/04	6.25	4.61
		10.9	10.86 *	12/03/03	6.21	4.65
		10.9	10.86 *	09/15/03	7.19	3.67
		10.9	10.86 *	06/24/03	6.66	4.20
		10.9	10.86 *	04/08/03	7.71	3.15
		10.9	10.86 *	12/10/02	6.65	4.21
		10.9	10.86 *	09/13/02	6.73	4.13
		10.9	10.86 *	07/02/02	7.81	3.05
Second	M030-C	10.3	10.41 *	11/10/04	6.95	3.46
		10.3	10.41 *	06/14/04	7.23	3.18
		10.3	10.41 *	03/02/04	5.44	4.97
		10.3	10.41 *	12/03/03	5.73	4.68
		10.3	10.41 *	09/15/03	7.03	3.38
		10.3	10.41 *	06/24/03	6.69	3.72
		10.3	10.41 *	04/08/03	7.48	2.93
		10.3	10.41 *	12/10/02	6.60	3.81
		10.3	10.41 *	09/13/02	6.28	4.13
		10.3	10.41 *	07/15/02	7.86	2.55
Second	M031-C	9.00	8.87 *	11/10/04	4.44	4.43
		9.00	8.87 *	06/14/04	4.92	3.95
		9.00	8.87 *	03/02/04	4.21	4.66
		9.00	8.87 *	12/03/03	4.67	4.20
		9.00	8.87 *	09/15/03	5.02	3.85
		9.00	8.87 *	06/24/03	5.03	3.84
		9.00	8.87 *	04/08/03	5.08	3.79
		9.00	8.87 *	12/10/02	4.93	3.94
		9.00	8.87 *	09/13/02	4.86	4.01
		9.00	8.87 *	07/02/02	5.28	3.59

Notes:

BTOC = below top of casing

msl = mean sea level

NC = Groundwater elevation not calculated

NF = Monitoring well not found

NM = Water level not measured

* = Surveyed to NGVD 29 by Calvada Surveying in September 2002. Subsequently converted to NAVD 88 by Shaw Environmental, Inc. using the Corpscon software.

Table 1-2
Summary of Groundwater Level Measurements at Installation Restoration Sites 1 and 32
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)

** = Converted from Mean Lower Low Water to NAVD 88 by Shaw Environmental, Inc. using the Tidal Datum Epoch (1960-1978) at Tidal Bench Mark 9414750

§ = Measured prior to purging well for sampling

† = Well under artesian conditions.

‡ = Well used only for water level measurements. Not scheduled for sampling in the monitoring program.

Table 1-3

Groundwater Sample Analytical Results at IR Sites 1 and 32: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

Innovative
Technical
Solutions, Inc.

Table 1-3

Groundwater Sample Analytical Results at IR Sites 1 and 32: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number		AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M001-A	2004 04 (Winter)	-	-	-	-	-	0.40 J	< 0.50	0.20 J	< 0.50	0.10 J	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	0.30 J
		2004 02 (Summer)	-	-	-	-	-	0.50	< 0.50	0.10 J	< 0.50	0.10 J	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	0.30 J
		2004 01 (Spring)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	-	-	-	-	-	0.65	< 1.0	0.29 J	< 1.0	0.23 J	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.37 J	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	-	-	-	-	-	0.36 J	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.27 J	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	-	-	-	-	-	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	0.40 J
		2002 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	-	-	-	-	-	0.80	0.10 J	0.30 J	0.20 J	0.20 J	< 2.0	0.10 J	< 0.50	0.10 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.30 J	< 0.50	< 0.50	< 0.50 UJ	< 0.50	0.20 J
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	0.70	< 0.50	< 0.50	< 0.50	< 0.50	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.40 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M001-E	2004 04 (Winter)	-	-	-	-	-	6.1	1.0	3.6	1.4	11.0	270	< 0.50	9.1	2.0	< 0.50	0.40 J	< 0.50	< 0.50	< 0.50	1.4	< 0.50	< 0.50	< 0.50	< 0.50	0.40 J
		2004 02 (Summer)	-	-	-	-	-	5.2	0.80	3.7	1.5	12.0	230	< 0.50	9.8	1.8	< 0.50	0.50	< 0.50	< 0.50	< 0.50	1.0	< 0.50	< 0.50	< 0.50	< 0.50	0.50 J
		2004 01 (Spring)	-	-	-	-	-	4.5	0.56 J	2.8	1.1	9.3	200	< 5.0	12.0	1.3	< 1.0	0.43 J	< 1.0	< 1.0	< 1.0	0.73 J	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	-	-	-	-	-	4.5	0.79 J	2.7	1.3	9.1	200	< 5.0	7.7	1.4	< 1.0	0.41 J	< 1.0	< 1.0	< 1.0	1.1	< 1.0 UJ	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	-	-	-	-	-	6.1	1.0	3.8	1.8	13.0	210 J	< 5.0	10.0	2.1	< 1.0	0.50 J	< 1.0	< 1.0	< 1.0	1.1	< 1.0	< 1.0	< 0.50	< 1.0	0.51
		2003 02 (Summer)	-	-	-	-	-	4.4	0.74 J	3.6	1.6	12.0	320	< 5.0	9.2	1.6	< 1.0	0.38 J	< 1.0	< 1.0	< 1.0	0.86 J	< 1.0	< 1.0	< 0.50	< 1.0	0.43 J
		2003 01 (Spring)	-	-	-	-	-	6.4	1.0	4.2	1.9	13.0	260	< 0.50	13.0	1.9	< 0.50	0.60	< 0.50	< 0.50 UJ	< 0.50	1.2	0.20 J	< 0.50	< 0.50	< 0.50	0.50
		2002 04 (Winter)	-	-	-	-	-	5.6	0.90	4.4	1.9	14.0	300	< 0.50	14.0	2.1	< 0.50	0.50	< 0.50 J	< 0.50	< 0.50	1.0	0.20 J	< 0.50	< 0.50	< 0.50	0.60
		2002 03 (Fall)	-	-	-	-	-	5.4	0.90	3.3	1.8	11.0	230	< 0.50	10.0	1.8	< 0.50	0.40 J	< 0.50	< 0.50	< 0.50	1.1	< 0.50	< 0.50	< 0.50	< 0.50	0.50 J
		2002 02 (Summer)	< 50.0	< 50.0	< 300	140	140	4.9	0.80 J	2.9	1.3	8.4	210	< 1.0	10.0	1.4	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.90 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	M002-A	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	11.0	< 0.50	6.8	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.8	< 0.50	4.9	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	12.0	< 1.0	7.0	0.40 J	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	25.0	< 1.0	7.2	< 1.0 UJ	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	6.0	< 1.0	6.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	10.0	< 1.0	6.2	0.28 J	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	24.0 J	< 0.50	5.0	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	39.0	< 0.50	15.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	8.1	< 0.50	7.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	11.0	< 0.50	6.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M003-A	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	2.7	< 0.50	< 0.50	0.40 J	< 0.50	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.32 J	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.33 J	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.86 J	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.57 J	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	-	-	-	-	-	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	0.50 J	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
		2002 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.1	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Table 1-3

Groundwater Sample Analytical Results at IR Sites 1 and 32: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M003-A	2002 03 (Fall)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.1	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2002 02 (Summer)		< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.90	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
M004-A	2004 04 (Winter)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2004 02 (Summer)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2003 04 (Winter)		-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 02 (Summer)		-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2002 04 (Winter)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2002 02 (Summer)		< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	0.50 J	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
M005-A	2004 04 (Winter)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.40 J	< 0.50	< 0.50	< 0.50	< 0.50	0.60
	2004 02 (Summer)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.40 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
M006-A	2004 04 (Winter)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	2.0	0.20 J	< 0.50	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2004 02 (Summer)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2003 04 (Winter)		-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 0.50	< 1.0	< 0.50
	2003 02 (Summer)		-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2002 04 (Winter)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50	< 0.50
	2002 02 (Summer)		< 50.0	< 50.0	54.0 J	< 50.0	54.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
M007-A	2004 04 (Winter)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.1	< 0.50	5.3	< 0.50	0.20 J	< 0.50	< 0.50	< 0.50
	2004 02 (Summer)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.50	< 0.50	4.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2003 04 (Winter)		-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	1.4 J	< 1.0	6.2	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 02 (Summer)		-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.44 J	< 1.0 UJ	5.2	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2002 04 (Winter)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.50	< 0.50	2.7	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2002 02 (Summer)		< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.50 J	< 0.50	3.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
M025-A	2004 04 (Winter)		-	-	-	-	-	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	0.10 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.20 J	< 0.50	1.0	< 0.50	< 0.50	0.30 J	< 0.50	1.6
	2004 02 (Summer)		-	-	-	-	-	0.50 J	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.20 J	< 0.50	1.5	0.20 J	< 0.50	0.40 J	< 0.50	0.70
	2003 04 (Winter)		-	-	-	-	-	0.25 J	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.27 J	< 1.0	1.1	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 02 (Summer)		-	-	-	-	-	0.52	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.3	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2002 04 (Winter)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50	0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.70
	2002 02 (Summer)		< 100 UJ	< 100 UJ	< 300 UJ	< 50.0	< 600	0.60	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.8	< 0.50	< 0.50	0.50 J	< 0.50	< 0.50
M026-A	2004 04 (Winter)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2004 02 (Summer)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2003 04 (Winter)		-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 02 (Summer)		-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2002 04 (Winter)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2002 02 (Summer)		< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
M026-E	2004 04 (Winter)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.70	< 0.50	< 0.50	< 0.50	< 0.50	0.20 J
	2004 02 (Summer)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.40 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2003 04 (Winter)		-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.50 J	< 1.0 UJ	< 1.0	< 0.50	< 1.0	< 0.50
	2003 02 (Summer)		-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.32 J	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50

FWBZ

Table 1-3

Groundwater Sample Analytical Results at IR Sites 1 and 32: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M026-E	2002 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.60	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.40 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M027-A	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	0.20 J	< 0.50	0.50	< 0.50	4.4	0.40 J	< 0.50	0.20 J	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 J	< 0.50	< 0.50	< 0.50	< 0.50	0.10 J	< 0.50	0.20 J	< 0.50	1.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.45 J	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	1.1	2.3	< 1.0	6.2	0.47 J	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.4	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.8	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	0.20 J	< 0.50	< 0.50 UJ	< 0.50	2.5	0.20 J	< 0.50	0.20 J	< 0.50	< 0.50
		2002 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	0.50 J	< 0.50	< 0.50 J	0.50	0.70	< 0.50	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.6	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.4	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M027-E	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.9	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.7	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.4	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.27 J	< 1.0	2.9	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.5	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	M028-A	2004 04 (Winter)	-	-	-	-	-	21.0	45.0	8.5	23.0	8.6	5.1	< 0.50	32.0	4.4	0.40 J	3.2	< 0.50	0.90	< 0.50	20.0	< 0.50	6.8	0.30 J	< 0.50	260
		2004 02 (Summer)	-	-	-	-	-	14.0	0.60	1.4	< 0.50	< 0.50	< 2.0	< 0.50	34.0	7.3	0.40 J	3.9	< 0.50	< 0.50	< 0.50	0.80	< 0.50	2.4	< 0.50	< 0.50	1.0
		2004 01 (Spring)	-	-	-	-	-	1.9	0.23 J	0.25 J	0.42 J	0.46 J	< 2.0	< 5.0	1.6	0.44 J	< 1.0	0.25 J	0.28 J	2.1	< 1.0	100	0.25 J	0.92 J	< 0.50	< 1.0	100
		2003 04 (Winter)	-	-	-	-	-	6.3	10.0	5.8	20.0	9.6	8.3	< 5.0	17.0	3.0	0.34 J	2.4	< 1.0	1.1	< 1.0	13.0	< 1.0	1.7	< 0.50	< 1.0	5.1
		2003 03 (Fall)	-	-	-	-	-	50.0	18.0	21.0	58.0	32.0	14.0 J	< 5.0	85.0	10.0	0.84 J	6.2	< 1.0	0.42 J	< 1.0	1.8	0.22 J	19.0	< 0.50	< 1.0	2.3
		2003 02 (Summer)	-	-	-	-	-	12.0	0.94 J	1.2	< 1.0	0.23 J	< 2.0	< 5.0	26.0	6.3	0.38 J	2.7	< 1.0	< 1.0	< 1.0	1.1	< 1.0	1.3	< 0.50	< 1.0	1.5
		2003 01 (Spring)	-	-	-	-	-	6.7	0.30 J	0.30 J	0.30 J	0.20 J	< 2.0	< 0.50	8.7	3.0	0.20 J	1.2	0.20 J	0.80 J	< 0.50	27.0	0.20 J	1.3	< 0.50	< 0.50	15.0
		2002 04 (Winter)	-	-	-	-	-	< 0.50	3.9	0.50 J	1.6	0.70	1.3 J	< 0.50	1.1	0.30 J	< 0.50	< 0.50	0.30 J	3.8	< 0.50	43.0	< 0.50	0.40 J	< 0.50	< 0.50	3.6
		2002 03 (Fall)	-	-	-	-	-	53.0	15.0	20.0	56.0	30.0	11.0	< 0.50	77.0	9.6	0.80	6.5	< 0.50	< 0.50	< 0.50	1.7	< 0.50	21.0	0.40 J	< 0.50	2.2
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 150	< 300	10.0	0.60	2.8	1.4	1.3	< 2.0	< 0.50	21.0	5.1	0.40 J	2.7	< 0.50	< 0.50	< 0.50	7.7	< 0.50	3.1	< 0.50	< 0.50	12.0
	M028-E	2004 04 (Winter)	-	-	-	-	-	85.0 J	2,400 J	77.0 J	220 J	110 J	56.0 J	< 25.0	64.0 J	53.0 J	< 25.0	14.0 J	< 25.0	< 25.0	< 25.0	3,500 J	< 25.0	32.0 J	< 25.0	< 25.0	22,000 J
		2004 02 (Summer)	-	-	-	-	-	56.0 J	1,400	59.0 J	210	80.0	< 250 J	< 63.0	100	58.0 J	< 63.0	16.0 J	< 63.0	< 63.0	< 63.0	4,900	< 63.0	18.0 J	< 63.0	< 63.0	13,000
		2004 01 (Spring)	-	-	-	-	-	66.0	1,700	53.0	150	82.0	32.0	< 50.0	73.0	42.0	< 10.0	10.0	< 10.0	< 10.0	5.5 J	6,700	11.0	23.0	< 5.0	< 10.0	20,000
		2003 04 (Winter)	-	-	-	-	-	59.0	1,400	70.0	1.9	120	64.0	< 5.0	66.0	36.0	1.4	0.30 J	< 1.0	< 1.0	6.8	3,900	30.0 J	24.0	3.1	< 1.0	9,400
		2003 03 (Fall)	-	-	-	-	-	64.0	1,400	61.0	230	100	74.0 J	< 5.0	110	42.0	1.2	< 1.0	< 1.0	< 1.0	5.1	4,500	23.0	22.0	< 0.50	< 1.0	12,000
		2003 02 (Summer)	-	-	-	-	-	66.0	1,200	80.0	300	140	100	< 5.0	150	59.0	1.5	14.0	< 1.0	< 1.0	0.71 J	880	3.4	25.0	< 0.50	< 1.0	8,300
		2003 01 (Spring)	-	-	-	-	-	85.0	2,800	59.0	220	100	39.0 J	< 36.0	60.0	65.0	< 36.0	12.0 J	< 36.0	< 36.0 UJ	34.0 J	14,000	20.0 J	35.0 J	< 36.0	< 36.0	35,000
		2002 04 (Winter)	-	-	-	-	-	66.0	1,400	72.0	240	110	< 200	< 13.0	66.0	53.0	< 13.0	13.0	< 13.0	13.0	4.9 J	6,400	8.5 J	18.0	< 13.0	< 13.0	11,000
	M029-A	2004 04 (Winter)	-	-	-	-	-	3.7	0.20 J	0.10 J	0.30 J	0.10 J	< 2.0	< 0.50	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.80	0.40 J	< 0.50	0.30 J	< 0.50	0.40 J
		2004 02 (Summer)	-	-	-	-	-	1.6	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.30 J	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	-	-	-	-	-	2.1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	0.47 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.25 J	0.20 J	< 1.0	< 0.50	< 1.0	0.50

Table 1-3

Groundwater Sample Analytical Results at IR Sites 1 and 32: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M029-A	2003 04 (Winter)	-	-	-	-	-	2.0	0.20 J	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	0.46 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.43 J	0.21 J	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	-	-	-	-	-	2.2	0.60 J	< 1.0	0.35 J	< 1.0	< 2.0	< 5.0	0.55 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.84 J	0.25 J	< 1.0	< 0.50	< 1.0	2.7
		2003 02 (Summer)	-	-	-	-	-	1.9	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	0.30 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.28 J	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	-	-	-	-	-	2.4	0.10 J	0.10 J	0.20 J	< 0.50	< 2.0	< 0.50	0.40 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	0.40 J	0.30 J	< 0.50	0.20 J	< 0.50	0.40 J
		2002 04 (Winter)	-	-	-	-	-	3.0	< 0.50	< 0.50	< 0.50	< 0.50 J	< 2.0	< 0.50	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.30 J	0.30 J	< 0.50	< 0.50 J	< 0.50	< 0.50
		2002 03 (Fall)	-	-	-	-	-	2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.40 J
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 79.0	< 300	2.4	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.30 J	< 0.50 J	< 0.50	< 0.50	< 0.50	< 0.50
	M029-E	2004 04 (Winter)	-	-	-	-	-	0.80	< 0.50	0.20 J	< 0.50	< 0.50	< 2.0	< 0.50	0.20 J	< 0.50	< 0.50	0.10 J	< 0.50	< 0.50	< 0.50	0.60	0.30 J	< 0.50	< 0.50	< 0.50	0.40 J
		2004 02 (Summer)	-	-	-	-	-	0.80	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.50	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	-	-	-	-	-	0.95	< 1.0	0.20 J	< 1.0	< 1.0	< 2.0	< 5.0	0.40 J	< 1.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	0.45 J	0.24 J	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	-	-	-	-	-	0.90	< 1.0	0.22 J	< 1.0	0.27 J	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.36 J	0.36 J	< 1.0	< 0.50	< 1.0	0.48 J
		2002 04 (Winter)	-	-	-	-	-	0.90	< 0.50	< 0.50 J	< 0.50	< 0.50 J	< 2.0	< 0.50	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.40 J	0.30 J	< 0.50	< 0.50	< 0.50	0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	1.1	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.40 J	0.40 J	< 0.50	< 0.50	< 0.50	< 0.50
	M030-A	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	-	-	-	-	-	< 0.50	0.24 J	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.23 J	< 1.0	< 1.0	< 0.50	< 1.0	1.1
		2003 02 (Summer)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.70 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M031-A	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.60	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.60	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.63 J	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	-	-	-	-	-	< 0.50	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	0.27 J	< 1.0	0.60 J	< 1.0 UJ	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.88 J	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.47 J	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.60	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.60	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.60	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.80	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M031-E	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.21 J	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50

Table 1-3

Groundwater Sample Analytical Results at IR Sites 1 and 32: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M032-A	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.0	< 0.50	< 0.50	0.90	< 0.50	0.90
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.90	< 0.50	< 0.50	0.60	< 0.50	0.70
		2003 04 (Winter)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.1	< 1.0	< 1.0	0.92	< 1.0	1.1
		2003 02 (Summer)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.79 J	< 1.0	< 1.0	0.67	< 1.0	0.74
		2002 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.90	< 0.50	< 0.50	0.80	< 0.50	1.1
		2002 02 (Summer)	< 50.0	< 50.0	< 300	17.0 J	17.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.0	< 0.50	< 0.50	0.80	< 0.50	1.0
	M033-A	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	5.2	< 0.50	< 0.50	0.30 J	< 0.50	0.90
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.4	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	4.5	0.49 J	< 1.0	< 0.50	< 1.0	1.1
		2003 04 (Winter)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.23 J	< 1.0	8.7	0.42 J	< 1.0	0.27 J	< 1.0	0.97
		2003 03 (Fall)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.2	< 1.0	< 1.0	< 0.50	< 1.0	1.4
		2003 02 (Summer)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3.0	0.30 J	< 1.0	< 0.50	< 1.0	0.94
		2003 01 (Spring)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.50 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	2.5	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	0.50 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	16.0	0.80	< 0.50	< 0.50	< 0.50	1.7
		2002 03 (Fall)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	5.0	< 0.50	< 0.50	< 0.50 J	< 0.50	1.5
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 140	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	7.9	0.50 J	< 0.50	0.30 J	< 0.50	2.2
	M034-A	2004 04 (Winter)	-	-	-	-	-	21.0	0.80	1.6	7.2	0.70	6.3	< 0.50	13.0	3.5	0.70	3.3	< 0.50	< 0.50	< 0.50	0.20 J	< 0.50	0.50	< 0.50	< 0.50	0.40 J
		2004 02 (Summer)	-	-	-	-	-	27.0	0.50	0.60	6.6	0.20 J	9.5	< 0.50	14.0	1.9	0.60	2.6	< 0.50	< 0.50	< 0.50	0.40 J	0.30 J	0.30 J	< 0.50	< 0.50	0.40 J
		2004 01 (Spring)	-	-	-	-	-	31.0	18.0	12.0	33.0	10.0	22.0	< 5.0	13.0	6.0	0.67 J	3.3	< 1.0	< 1.0	0.39 J	1.2	0.48 J	0.58 J	< 0.50	< 1.0	4.0
		2003 04 (Winter)	-	-	-	-	-	21.0	7.6	5.9	20.0	4.1	29.0	< 5.0	13.0	4.9	0.74 J	3.4	< 1.0	< 1.0	0.20 J	0.86 J	0.41 J	0.40 J	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	-	-	-	-	-	49.0	1.0	2.6	14.0	0.40 J	24.0	< 5.0	23.0	2.2	0.69 J	3.4	< 1.0	< 1.0	< 1.0	< 1.0	0.39 J	1.6	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	-	-	-	-	-	30.0	0.70 J	1.4	7.4	0.31 J	20.0	< 5.0	14.0	1.7	0.51 J	2.3	< 1.0	< 1.0	< 1.0	0.32 J	0.23 J	0.35 J	< 0.50	< 1.0	0.43 J
		2003 01 (Spring)	-	-	-	-	-	19.0	0.90	7.7	19.0	1.1	17.0 J	< 0.50	12.0	4.3	0.80	3.3	< 0.50	< 0.50 UJ	< 0.50	0.90	0.40 J	< 0.50	< 0.50	< 0.50	0.50
		2002 04 (Winter)	-	-	-	-	-	35.0	530	16.0	50.0	22.0	63.0	< 1.0	25.0	9.2	1.0	5.4	< 1.0	0.70 J	2.9	32.0	1.0 J	2.0	< 1.0	< 1.0	65.0
		2002 03 (Fall)	-	-	-	-	-	45.0	1.7	6.5	29.0	1.6	46.0	< 0.50	28.0	3.4	0.80	4.5	< 0.50	< 0.50	< 0.50	< 0.50	0.40 J	2.2	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	46.0 J	190 J	< 300 UJ	490	726	30.0	1.2	4.0	10.0	0.40 J	82.0	< 0.50	13.0	2.6	0.60	2.6	< 0.50	< 0.50	< 0.50	0.40 J	0.30 J	0.50 J	< 0.50	< 0.50	0.50 J
	M035-A	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.30 J	5.5	0.40 J	6.5	5.1	< 0.50	0.20 J	< 0.50	0.40 J
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.40 J	5.0	0.20 J	3.5	2.5	< 0.50	< 0.50	< 0.50	0.40 J
		2004 01 (Spring)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	0.29 J	5.0	< 1.0	1.9	1.5	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3.9	0.34 J	5.9	3.1 J	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.6	0.33 J	5.5	3.7	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	4.9	0.35 J	3.9	2.9	< 1.0	< 0.50	< 1.0	0.44 J
		2003 01 (Spring)	-	-	-	-	-	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	0.40 J	6.8 J	0.40 J	3.9 J	2.4 J	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
		2002 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50 J	< 0.50	0.40 J	1.9 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.30 J	7.2	< 0.50	2.7	0.80	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	5.2	0.50	5.5	3.8	< 0.50	< 0.50	< 0.50	0.50 J
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.30 J	6.5	0.50 J	4.9	2.9	< 0.50	< 0.50	< 0.50	< 0.50
SWBZ	M001-B	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Table 1-3

Groundwater Sample Analytical Results at IR Sites 1 and 32: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWBZ	M001-B	2003 04 (Winter)	-	-	-	-	-	**0.74**	< 1.0	**0.20 J**	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.25 J**	< 1.0	< 1.0	**0.49 J**	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	**3.3**	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.20 J**	< 0.50	**1.4**	< 0.50
	M003-B	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M025-C	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.10 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	-	-	-	-	-	< 0.50	**0.20 J**	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.40 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M027-B	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**1.0 J**	< 0.50	< 0.50	**0.70**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	**0.40 J**	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M027-C	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	**0.70**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	**0.20 J**	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M028-C	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Table 1-3

Groundwater Sample Analytical Results at IR Sites 1 and 32: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWBZ	M030-C	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M031-C	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.90 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Table 1-4

Groundwater Sample Analytical Results at IR Sites 1 and 32: Semivolatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

Innovative
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Table 1-4
Groundwater Sample Analytical Results at IR Sites 1 and 32: Semivolatile Organic Compounds
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Detected SVOCs																								
			Acenaphthene	Anthracene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Benzoic acid	bis(2-Ethylhexyl)phthalate	2-Chlorophenol	Dibenzofuran	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	Hexachlorocyclopentadiene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Methylphenol (p-Cresol)	4-Nitrophenol	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	4.0	NA	NA	600	NA	5.0	NA	NA	NA	50.0	NA	NA	NA	NA	NA	1.0	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.9	NA	NA
FWBZ	M001-A	2004 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
		2004 02 (Summer)	< 9.6	< 9.6	< 9.6	< 9.6 UJ	< 9.6	< 9.6	< 48.0	< 9.6 UJ	< 9.6	< 9.6 UJ	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0	< 9.6	< 19.0	< 9.6	< 9.6
		2004 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4 UJ	< 9.4	< 9.4	< 9.4	< 9.4 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 04 (Winter)	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 20.0	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 49.0	< 9.8	< 49.0
		2003 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 02 (Summer)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 19.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 48.0	< 9.6	< 48.0
		2003 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 04 (Winter)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 19.0 UJ	< 9.7	< 19.0	< 9.7	< 9.7
		2002 03 (Fall)	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9	< 9.9	< 9.9	< 20.0	< 9.9	< 20.0	< 9.9	< 9.9
		2002 02 (Summer)	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 50.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 50.0	< 10.0	< 10.0	< 10.0	< 20.0	< 10.0	< 20.0	< 10.0	< 10.0
	M001-E	2004 04 (Winter)	**4.7 J**	< 9.6	< 9.6	**1.2 J**	< 9.6	**0.88 J**	< 48.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	**3.9 J**	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0	< 9.6	< 19.0	< 9.6	< 9.6
		2004 02 (Summer)	**4.6 J**	< 9.4	< 9.4	**1.6 J**	**160**	**1.4 J**	< 47.0	< 9.4	< 9.4	< 9.4	**1.3 J**	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	**5.0 J**	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2004 01 (Spring)	**4.7 J**	< 9.4	< 9.4	< 9.4	**100**	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 04 (Winter)	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 20.0	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9	< 50.0	< 9.9	< 50.0
		2003 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.9	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 01 (Spring)	**5.8 J**	**0.55 J**	< 9.5	**2.2 J**	**130**	**2.0 J**	< 48.0	< 9.5	< 9.5	**1.4 J**	**1.5 J**	< 9.5	**0.39 J**	< 9.5	**3.6 J**	< 9.5	< 48.0	**7.1 J**	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
		2002 04 (Winter)	**5.9 J**	< 9.6	< 9.6	**2.3 J**	**230**	**2.1 J**	< 48.0	< 9.6	< 9.6	**1.4 J**	**1.5 J**	< 9.6	< 9.6	< 9.6	**3.3 J**	< 9.6	< 48.0	**6.6 J**	< 9.6	< 9.6	< 19.0 UJ	< 9.6	< 19.0	< 9.6	< 9.6
		2002 03 (Fall)	**1.3 J**	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	**2.7 J**	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	**1.5 J**	**1.5 J**	**1.5 J**	< 9.4	**4.1 J**	**1.2 J**	< 47.0	< 9.4	< 9.4	**0.96 J**	**1.2 J**	< 9.4	< 9.4	< 9.4	**2.2 J**	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M002-A	2004 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2004 02 (Summer)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0	< 9.6	< 19.0	< 9.6	< 9.6
		2004 01 (Spring)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 04 (Winter)	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 20.0	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9	< 50.0	< 9.9	< 50.0
		2003 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 02 (Summer)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 19.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 48.0	< 9.6	< 48.0
		2003 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 04 (Winter)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0 UJ	< 9.6	< 19.0	< 9.6	< 9.6
		2002 03 (Fall)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0	< 9.6	< 19.0	< 9.6	< 9.6
		2002 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
	M003-A	2004 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	**1.4 J**	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2004 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
		2004 01 (Spring)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 19.0	< 9.7 UJ	< 9.7	< 9.7	< 9.7	< 9.7 UJ	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 9.7	< 48.0	< 9.7	< 48.0
		2003 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 01 (Spring)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0	< 9.6	< 19.0	< 9.6	< 9.6
		2002 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 UJ	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0 UJ	< 9.5	< 19.0	< 9.5	< 9.5

Table 1-4

Groundwater Sample Analytical Results at IR Sites 1 and 32: Semivolatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Detected SVOCs																								
			Acenaphthene	Anthracene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Benzoic acid	bis(2-Ethylhexyl)phthalate	2-Chlorophenol	Dibenzofuran	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	Hexachlorocyclopentadiene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Methylphenol (p-Cresol)	4-Nitrophenol	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	4.0	NA	NA	600	NA	5.0	NA	NA	NA	50.0	NA	NA	NA	NA	NA	1.0	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.9	NA	NA
M003-A	2002 03 (Fall)		< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0 UJ	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0	< 9.6	< 19.0	< 9.6	< 9.6
	2002 02 (Summer)		< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
M004-A	2004 04 (Winter)		< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	0.48 J	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
	2004 02 (Summer)		< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 J	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	2003 04 (Winter)		< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
	2003 02 (Summer)		< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
	2002 04 (Winter)		< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 UJ	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0 UJ	< 9.5	< 19.0	< 9.5	< 9.5
	2002 02 (Summer)		< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0	< 9.6	< 19.0	< 9.6	< 9.6
M006-A	2004 04 (Winter)		< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	19.0 J	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 19.0	< 9.7	< 19.0	< 9.7	< 9.7
	2004 02 (Summer)		< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0 J	< 9.5	< 19.0	< 9.5	< 9.5
	2003 04 (Winter)		< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 20.0	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9	< 50.0	< 9.9	< 50.0
	2003 02 (Summer)		< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 20.0	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 49.0	< 9.8	< 49.0
	2002 04 (Winter)		< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 UJ	4.2 J	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0 UJ	< 9.5	< 19.0	< 9.5	< 9.5
M007-A	2004 04 (Winter)		< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 9.8	< 9.8	< 20.0	< 9.8	< 20.0	< 9.8	< 9.8
	2004 02 (Summer)		< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0 J	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0 J	< 9.8	< 9.8	< 9.8	< 20.0 J	< 9.8	< 20.0	< 9.8	< 9.8
	2003 04 (Winter)		< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
	2003 02 (Summer)		< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
	2002 04 (Winter)		< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 UJ	< 9.5 J	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0 UJ	< 9.5	< 19.0	< 9.5	< 9.5
	2002 02 (Summer)		< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
M025-A	2004 04 (Winter)		< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 19.0	< 9.7	< 19.0	< 9.7	< 9.7
	2004 02 (Summer)		< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 J	14.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 J	< 9.4	< 9.4	< 9.4	< 19.0 J	< 9.4	< 19.0	< 9.4	< 9.4
	2004 01 (Spring)		< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4 UJ	< 9.4	< 9.4	< 9.4	< 9.4 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
	2003 04 (Winter)		< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 19.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 9.7	< 48.0	< 9.7	< 48.0
	2003 03 (Fall)		< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	18.0 J	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 48.0	< 9.6	< 48.0
	2003 02 (Summer)		< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 19.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 9.7	< 48.0	< 9.7	< 48.0
	2003 01 (Spring)		< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	7.1 J	< 9.4	7.5 J	< 9.4	1.1 J
	2002 04 (Winter)		< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	2002 03 (Fall)		< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	2002 02 (Summer)		< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
M026-A	2004 04 (Winter)		< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
	2004 02 (Summer)		< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 J	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	2003 04 (Winter)		< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 19.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 9.7	< 48.0	< 9.7	< 48.0
	2003 02 (Summer)		< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
	2002 04 (Winter)		< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	2002 02 (Summer)		< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 9.8	< 9.8	< 20.0	< 9.8	< 20.0	< 9.8	< 9.8
M026-E	2004 04 (Winter)		< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	3.0 J	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
	2004 02 (Summer)		< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 J	< 9.4	< 9.4	< 9.4	< 19.0 J	< 9.4	< 19.0	< 9.4	< 9.4
	2003 04 (Winter)		< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 19.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 9.7	< 48.0	< 9.7	< 48.0

FWBZ

Table 1-4
Groundwater Sample Analytical Results at IR Sites 1 and 32: Semivolatile Organic Compounds
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Detected SVOCs																								
			Acenaphthene	Anthracene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Benzoic acid	bis(2-Ethylhexyl)phthalate	2-Chlorophenol	Dibenzofuran	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	Hexachlorocyclopentadiene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Methylphenol (p-Cresol)	4-Nitrophenol	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	4.0	NA	NA	600	NA	5.0	NA	NA	NA	50.0	NA	NA	NA	NA	NA	1.0	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.9	NA	NA
M026-E	2003 02 (Summer)		< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 20.0	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 49.0	< 9.8	< 49.0
	2002 04 (Winter)		< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	5.5 J	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	2002 02 (Summer)		< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 19.0	< 9.7	< 19.0	< 9.7	< 9.7
M027-A	2004 04 (Winter)		< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
	2004 02 (Summer)		< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0 J	< 9.7	< 9.7	< 9.7	< 19.0	< 9.7	< 19.0	< 9.7	< 9.7
	2004 01 (Spring)		< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4 UJ	< 9.4	< 9.4	< 9.4	< 9.4 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
	2003 04 (Winter)		< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	98.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
	2003 03 (Fall)		< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	350	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 48.0	< 9.6	< 48.0
	2003 02 (Summer)		< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
	2003 01 (Spring)		< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	7.4 J	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	6.0 J	< 9.4	< 9.4
	2002 04 (Winter)		< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	2002 03 (Fall)		< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	2002 02 (Summer)		< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
M028-A	2004 04 (Winter)		< 9.8	< 9.8	< 9.8	< 9.8	4.9 J	< 9.8	< 49.0	< 9.8	< 9.8	< 9.8	3.6 J	< 9.8	2.6 J	< 9.8	140	< 9.8	< 49.0	< 9.8	3.2 J	< 9.8	< 20.0	< 9.8	< 20.0	< 9.8	< 9.8
	2004 02 (Summer)		< 9.5	< 9.5	< 9.5	< 9.5 UJ	< 9.5	< 9.5	< 48.0	< 9.5 UJ	< 9.5	< 9.5 UJ	5.2 J	< 9.5	3.0 J	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
	2004 01 (Spring)		< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4 UJ	< 9.4	< 9.4	< 9.4	< 9.4 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
	2003 04 (Winter)		< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	57.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
	2003 03 (Fall)		< 9.4	< 9.4	< 9.4	< 9.4	10.0	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	6.0 J	< 9.4	< 9.4	< 9.4	670	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
	2003 02 (Summer)		< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
	2003 01 (Spring)		< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	2.4 J	< 9.4	0.95 J	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	2002 04 (Winter)		< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0	< 9.6	< 19.0	< 9.6	< 9.6
	2002 03 (Fall)		< 14.0	< 14.0	< 14.0	< 14.0	8.4 J	< 14.0	< 72.0	< 14.0	< 14.0	< 14.0	7.3 J	< 14.0	4.9 J	< 14.0	290	< 14.0	< 72.0	< 14.0	4.6 J	< 14.0	< 29.0	< 14.0	< 29.0	< 14.0	< 14.0
	2002 02 (Summer)		< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	3.2 J	< 9.7	1.6 J	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 19.0	< 9.7	< 19.0	< 9.7	< 9.7
M028-E	2004 04 (Winter)		< 190	< 190	< 190	< 190	70.0 J	< 190	< 970	< 190	< 190	< 190	55.0 J	< 190	12.0 J	11.0 J	3,400	< 190	< 970	< 190	390	< 190	< 390	< 190	< 390	< 190	< 190
	2004 02 (Summer)		< 9.5	< 9.5	< 9.5	2.5 J	59.0	< 9.5	< 48.0	2.0 J	< 9.5	< 9.5	38.0	1.3 J	13.0	6.0 J	1,800	< 9.5	< 48.0	1.7 J	200	4.6 J	14.0 J	1.2 J	13.0 J	1.6 J	3.9 J
	2004 01 (Spring)		< 10.0	< 10.0	< 10.0	< 10.0	35.0	< 10.0	< 50.0	< 20.0	< 10.0 UJ	< 10.0	39.0	< 10.0	9.7 J	< 10.0	1,400	< 10.0	< 10.0	< 10.0	370	< 10.0	< 50.0	< 10.0	12.0 J	< 10.0	< 50.0
	2003 04 (Winter)		< 9.4	< 9.4	< 9.4	< 9.4	29.0	< 9.4	< 47.0	19.0	< 9.4	< 9.4	27.0	< 9.4	7.6 J	9.0 J	2,200	< 9.4	< 9.4	< 9.4	350	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
	2003 03 (Fall)		< 9.5	< 9.5	< 9.5	< 9.5	63.0	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	33.0	< 9.5	8.6 J	6.7 J	2,400	< 9.5	< 9.5	< 9.5	320	5.7 J	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
	2003 02 (Summer)		< 9.5	< 9.5	< 9.5	< 9.5	49.0	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	40.0	< 9.5	9.0 J	5.8 J	1,600	< 9.5	< 9.5	< 9.5	170 J	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
	2003 01 (Spring)		< 95.0	< 95.0	< 95.0	< 95.0	56.0 J	< 95.0	< 480	< 95.0	< 95.0	< 95.0	80.0 J	< 95.0	13.0 J	12.0 J	3,900	< 95.0	< 48.0	< 95.0	850	< 95.0	< 190	< 95.0	< 190	< 95.0	< 95.0
	2002 04 (Winter)		< 240	< 240	< 240	< 240	64.0 J	< 240	1,600 J	< 240	< 240	< 240	< 240	< 240	< 240	< 240	2,200	< 240	< 1,200	< 240	410	38.0 J	< 490 UJ	< 240	< 490	< 240	< 240
M029-A	2004 04 (Winter)		5.2 J	< 11.0	< 11.0	< 11.0	< 11.0	0.88 J	< 56.0	< 11.0	< 11.0	< 11.0	< 11.0	< 11.0	< 11.0	< 11.0	< 11.0	< 11.0	< 56.0	< 11.0	< 11.0	< 11.0	< 22.0	< 11.0	< 22.0	< 11.0	< 11.0
	2004 02 (Summer)		5.5 J	1.3 J	< 9.5	< 9.5 UJ	< 9.5	1.2 J	< 48.0	< 9.9 UJ	< 9.5	< 9.5 UJ	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
	2004 01 (Spring)		< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
	2003 04 (Winter)		5.8	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	17.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 48.0	< 9.6	< 48.0
	2003 03 (Fall)		6.1 J	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 19.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 9.7	< 48.0	< 9.7	< 48.0
	2003 02 (Summer)		5.8 J	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
	2003 01 (Spring)		5.5 J	< 9.4	< 9.4	1.3 J	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4

FWBZ

Table 1-4

Groundwater Sample Analytical Results at IR Sites 1 and 32: Semivolatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Detected SVOCs																								
			Acenaphthene	Anthracene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Benzoic acid	bis(2-Ethylhexyl)phthalate	2-Chlorophenol	Dibenzofuran	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	Hexachlorocyclopentadiene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Methylphenol (p-Cresol)	4-Nitrophenol	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	4.0	NA	NA	600	NA	5.0	NA	NA	NA	50.0	NA	NA	NA	NA	NA	1.0	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.9	NA	NA
FWBZ	M029-A	2002 04 (Winter)	6.0 J	< 9.4	< 9.4	1.4 J	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0 UJ	< 9.4	< 19.0	< 9.4	< 9.4
		2002 03 (Fall)	6.6 J	< 9.6	< 9.6	1.4 J	< 9.6	0.88 J	< 48.0	< 9.6	< 9.6	0.80 J	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0	< 9.6	< 19.0	< 9.6	< 9.6
		2002 02 (Summer)	4.1 J	1.4 J	1.3 J	0.75 J	< 9.4	0.96 J	< 47.0	< 9.4	< 9.4	1.2 J	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M029-E	2004 04 (Winter)	2.0 J	< 9.6	< 9.6	< 9.6	< 9.6	0.90 J	< 48.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0	< 9.6	< 19.0	< 9.6	< 9.6
		2004 02 (Summer)	1.9 J	1.4 J	2.5 J	< 11.0 UJ	< 11.0	1.3 J	< 56.0	< 11.0 UJ	< 11.0	< 11.0 UJ	< 11.0	< 11.0	< 11.0	< 11.0	< 11.0	< 11.0	< 56.0	< 11.0	< 11.0	< 11.0	< 22.0	< 11.0	< 22.0	< 11.0	< 11.0
		2003 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	0.82 J	1.4 J	1.6 J	< 9.4	4.1 J	0.98 J	< 47.0	< 9.4	< 9.4	0.89 J	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M030-A	2004 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	7.5 J	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2004 02 (Summer)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0 J	24.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 19.0 J	< 9.7	< 19.0	< 9.7	< 9.7
		2004 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4 UJ	< 9.4	< 9.4	< 9.4	< 9.4 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 03 (Fall)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 19.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 9.7	< 48.0	< 9.7	< 48.0
		2003 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 04 (Winter)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0 UJ	< 9.6	< 19.0	< 9.6	< 9.6
		2002 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	350	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M031-A	2004 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	19.0 J	8.2 J	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
		2004 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 J	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2004 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 03 (Fall)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 19.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 9.7	< 48.0	< 9.7	< 48.0
		2003 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0 UJ	< 9.4	< 19.0	< 9.4	< 9.4
		2002 03 (Fall)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0	< 9.6	< 19.0	< 9.6	< 9.6
		2002 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M032-A	2004 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	19.0 J	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
		2004 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0 J	< 9.5	< 19.0	< 9.5	< 9.5
		2003 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0 UJ	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.4	< 9.4	1.2 J	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M033-A	2004 04 (Winter)	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 9.8	< 9.8	< 20.0	< 9.8	< 20.0	< 9.8	< 9.8
		2004 02 (Summer)	< 10.0	< 10.0	< 10.0	< 10.0 UJ	< 10.0	< 10.0	< 50.0	< 10.0 UJ	< 10.0	< 10.0 UJ	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 50.0	< 10.0	< 10.0	< 10.0	< 20.0	< 10.0	< 20.0	< 10.0	< 10.0
		2004 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0

Table 1-4

Groundwater Sample Analytical Results at IR Sites 1 and 32: Semivolatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Detected SVOCs																								
			Acenaphthene	Anthracene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Benzoic acid	bis(2-Ethylhexyl)phthalate	2-Chlorophenol	Dibenzofuran	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	Hexachlorocyclopentadiene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Methylphenol (p-Cresol)	4-Nitrophenol	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	4.0	NA	NA	600	NA	5.0	NA	NA	NA	50.0	NA	NA	NA	NA	NA	1.0	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.9	NA	NA
FWBZ	M033-A	2003 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 03 (Fall)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 19.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 48.0	< 9.6	< 48.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 01 (Spring)	**0.78 J**	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	**2.7 J**	< 9.5	< 19.0	< 9.5	< 9.5
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	**4.6 J**	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0 UJ	< 9.4	< 19.0	< 9.4	< 9.4
		2002 03 (Fall)	**1.0 J**	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M034-A	2004 04 (Winter)	**1.9 J**	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 9.8	< 9.8	**2.4 J**	< 9.8	**2.5 J**	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 9.8	< 9.8	< 20.0	< 9.8	< 20.0	< 9.8	< 9.8
		2004 02 (Summer)	**3.7 J**	< 9.9	< 9.9	< 9.9	**6.0 J**	< 9.9	< 50.0	< 9.9	< 9.9	< 9.9	**1.2 J**	< 9.9	**1.7 J**	< 9.9	< 9.9	< 9.9	< 50.0	**5.1 J**	< 9.9	< 9.9	**7.9 J**	< 9.9	**8.1 J**	< 9.9	< 9.9
		2004 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 04 (Winter)	< 9.8	< 9.8	< 9.8	< 9.8	**20.0**	< 9.8	< 49.0	< 20.0	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	**6.5 J**	< 9.8	< 9.8	< 49.0	< 9.8	< 49.0	< 9.8	< 49.0
		2003 03 (Fall)	< 10.0	< 10.0	< 10.0	< 10.0	**15.0**	< 10.0	< 50.0	< 20.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	**5.1 J**	< 10.0	< 10.0	< 50.0	< 10.0	< 50.0	< 10.0	< 50.0
		2003 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	**13.0**	< 9.5	< 47.0	**11.0 J**	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	**7.6 J**	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 01 (Spring)	**1.4 J**	< 9.5	< 9.5	< 9.5	**18.0**	< 9.5	< 48.0	< 9.5 UJ	< 9.5	< 9.5	**3.3 J**	**0.58 J**	**2.6 J**	< 9.5	< 9.5	< 9.5	< 48.0	**5.1 J**	< 9.5	< 9.5	< 19.0 UJ	< 9.5	< 19.0	< 9.5	< 9.5
		2002 04 (Winter)	**1.7 J**	< 9.4	< 9.4	< 9.4	**50.0**	< 9.4	< 47.0 UJ	< 9.4	< 9.4	**0.63 J**	**4.0 J**	< 9.4	**5.0 J**	< 9.4	**25.0**	< 9.4	< 47.0	**7.8 J**	**1.4 J**	**2.9 J**	< 19.0 UJ	**1.9 J**	< 19.0	< 9.4	< 9.4
		2002 03 (Fall)	**1.9 J**	< 9.6	< 9.6	**0.85 J**	**32.0**	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	**2.5 J**	**0.57 J**	**3.2 J**	< 9.6	< 9.6	< 9.6	< 48.0	**6.7 J**	< 9.6	< 9.6	< 19.0	< 9.6	< 19.0	< 9.6	< 9.6
		2002 02 (Summer)	**3.4 J**	< 9.4	< 9.4	< 9.4	**59.0**	< 9.4	< 47.0	< 9.4	< 9.4	**1.4 J**	**1.9 J**	< 9.4	**1.8 J**	< 9.4	< 9.4	< 9.4	< 47.0	**3.8 J**	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M035-A	2004 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	**19.0 J**	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
		2004 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	**5.7 J**	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 19.0 J	< 9.5	< 19.0	< 9.5	< 9.5
		2004 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 03 (Fall)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 19.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 48.0	< 9.6	< 48.0
		2003 02 (Summer)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 19.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 48.0	< 9.6	< 48.0
		2003 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0 UJ	< 9.4	< 19.0	< 9.4	< 9.4
		2002 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
SWBZ	M001-B	2004 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
		2004 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4 UJ	< 9.4	< 9.4	< 47.0	< 9.4 UJ	< 9.4	< 9.4 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2003 04 (Winter)	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 20.0	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 49.0	< 9.8	< 49.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	**2.0 J**	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0 UJ	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	**57.0**	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M003-B	2004 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	**1.9 J**	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2004 02 (Summer)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 19.0	< 9.7	< 19.0	< 9.7	< 9.7
		2003 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2002 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 UJ	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0 UJ	< 9.5	< 19.0	< 9.5	< 9.5

Table 1-4
Groundwater Sample Analytical Results at IR Sites 1 and 32: Semivolatile Organic Compounds
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Detected SVOCs																								
			Acenaphthene	Anthracene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Benzoic acid	bis(2-Ethylhexyl)phthalate	2-Chlorophenol	Dibenzofuran	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	Hexachlorocyclopentadiene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Methylphenol (p-Cresol)	4-Nitrophenol	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	4.0	NA	NA	600	NA	5.0	NA	NA	NA	50.0	NA	NA	NA	NA	NA	1.0	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.9	NA	NA
SWBZ	M003-B	2002 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M025-C	2004 04 (Winter)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0	< 9.6	< 19.0	< 9.6	< 9.6
		2004 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 J	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 J	< 9.4	< 9.4	< 9.4	< 19.0 J	< 9.4	< 19.0	< 9.4	< 9.4
		2004 01 (Spring)	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 20.0	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9	< 50.0	< 9.9	< 50.0
		2003 04 (Winter)	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 20.0	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 49.0	< 9.8	< 49.0
		2003 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 04 (Winter)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 19.0 UJ	< 9.7	< 19.0	< 9.7	< 9.7
		2002 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	**3.0 J**	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M027-B	2004 04 (Winter)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 19.0	< 9.7	< 19.0	< 9.7	< 9.7
		2004 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
		2003 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	**6.6 J**	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M027-C	2004 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
		2004 02 (Summer)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0 J	< 9.6	< 9.6	< 9.6	< 19.0	< 9.6	< 19.0	< 9.6	< 9.6
		2003 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	**1.3 J**	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
	M028-C	2004 04 (Winter)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0	< 9.6	< 19.0	< 9.6	< 9.6
		2004 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5 UJ	< 9.5	< 9.5	< 48.0	< 9.5 UJ	< 9.5	< 9.5 UJ	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
		2004 01 (Spring)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 19.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 48.0	< 9.6	< 48.0
		2003 04 (Winter)	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 48.0	< 19.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 48.0	< 10.0	< 48.0	< 10.0	< 48.0
		2003 03 (Fall)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 01 (Spring)	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 9.8	< 9.8	< 20.0	< 9.8	< 20.0	< 9.8	< 9.8
		2002 04 (Winter)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0	< 9.6	< 19.0	< 9.6	< 9.6
		2002 03 (Fall)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0	< 9.6	< 19.0	< 9.6	< 9.6
		2002 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M030-C	2004 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2004 02 (Summer)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0 J	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 19.0	< 9.7	< 19.0	< 9.7	< 9.7
		2003 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	4.8 J	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0 UJ	< 9.4	< 19.0	< 9.4	< 9.4

Table 1-4
Groundwater Sample Analytical Results at IR Sites 1 and 32: Semivolatile Organic Compounds
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Detected SVOCs																								
			Acenaphthene	Anthracene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Benzoic acid	bis(2-Ethylhexyl)phthalate	2-Chlorophenol	Dibenzofuran	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	Hexachlorocyclopentadiene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Methylphenol (p-Cresol)	4-Nitrophenol	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	4.0	NA	NA	600	NA	5.0	NA	NA	NA	50.0	NA	NA	NA	NA	NA	1.0	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.9	NA	NA
SWBZ	M030-C	2002 02 (Summer)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 19.0	< 9.7	< 19.0	< 9.7	< 9.7
	M031-C	2004 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
		2004 02 (Summer)	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0 J	5.9 J	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0 J	< 9.8	< 9.8	< 9.8	< 20.0 J	< 9.8	< 20.0	< 9.8	< 9.8
		2003 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 02 (Summer)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 19.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 48.0	< 9.6	< 48.0
		2002 04 (Winter)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0	< 9.6	< 19.0	< 9.6	< 9.6
		2002 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5

Table 1-5

Groundwater Sample Analytical Results at IR Sites 1 and 32: Dissolved Metals and Total Cyanide

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

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Table 1-5

Groundwater Sample Analytical Results at IR Sites 1 and 32: Dissolved Metals and Total Cyanide

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																		Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	36.0	NA	NA	8.8	NA	NA	3.1	8.1	NA	0.94	NA	8.2	71.0	1.9	NA	NA	81.0	NA	NA	NA	NA	NA	NA
MW01-A	2004 04 (Winter)		0.40 J	2.3 J	170	< 2.0	< 5.0	0.47 J	0.24 J	0.98 J	0.39 J	140	< 0.20	2.2 J	1.6 J	3.7 J	< 5.0	1.0 J	0.84 J	6.3 J	3.1 J	1,100	56.0 J	24.0 J	23.0	200
	2004 02 (Summer)		0.53 J	1.8	180	< 1.0	< 1.0	< 10.0	0.17 J	1.6	0.32 J	100	< 0.20	< 5.0	1.9	< 1.0	< 1.0	0.54 J	< 10.0	16.0 J	< 50.0	540	47.0	22.0	20.0	220
	2004 01 (Spring)		< 5.0	< 50.0	153	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	121	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0 UJ	< 50.0	9.9 J	< 200	316	73.0	22.6	19.1 J	139
	2003 04 (Winter)		< 5.0	< 50.0	197	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	288	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	< 20.0	< 200	1,310	57.4	29.4	27.2	235
	2003 03 (Fall)		< 5.0 UJ	< 50.0	157	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	98.0	< 0.40	< 50.0	< 20.0	< 20.0	< 100	< 5.0	< 50.0	< 20.0	< 200	671	38.2	24.9	20.6 J	284 J
	2003 02 (Summer)		< 50.0	< 50.0	291	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	183	< 0.40	< 50.0	1.7 J	< 20.0	< 10.0	< 5.0	< 50.0	3.2 J	< 200	818	59.1	26.2	28.9	180 J
	2003 01 (Spring)		< 1.0	< 5.0	250	< 2.0	< 5.0	< 10.0	< 10.0	0.55	< 3.0	210	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 1.0	< 10.0	25.0 J	< 100	920	65.0	24.0	17.0 J	120
	2002 04 (Winter)		10.0 J	< 5.0	78.0	< 2.0	0.87 J	< 10.0	0.18 J	13.0	0.55 J	28.0	< 0.20	6.9 J	4.2 J	0.91 J	< 5.0	< 2.0	8.4 J	33.0 J	4.9 J	420	89.0	13.0	12.0	57.0
	2002 03 (Fall)		0.40 J	< 5.0	120	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 3.0	39.0	< 0.20	2.4 J	< 20.0	0.62 J	< 5.0	< 2.0	< 10.0	< 20.0	< 100	230	25.0	26.0	30.0	370
	2002 02 (Summer)		0.38 J	1.3 J	160	0.025 J	< 5.0	0.46 J	0.16 J	0.51 J	0.42 J	92.0	< 0.20	< 20.0	0.83 J	1.0 J	< 5.0 UJ	< 2.0	0.59 J	< 20.0	8.5 J	300	47.0	26.0 J	25.0	270
MW01-E	2004 04 (Winter)		2.4	2.7 J	120	< 2.0	< 5.0	0.81 J	0.15 J	0.34 J	0.24 J	31.0	< 0.20	5.6 J	1.0 J	1.2 J	< 5.0	0.24 J	1.7 J	12.0 J	11.0 J	140	5.2	5.6	43.0	530
	2004 02 (Summer)		2.9	1.0	130	< 1.0	< 1.0	< 10.0	0.18 J	2.6	0.17 J	34.0	< 0.20	5.7	1.6	< 1.0	< 1.0	< 1.0	< 10.0	6.3 J	< 50.0	150	5.1	5.1	43.0	480
	2004 01 (Spring)		< 5.0	< 50.0	129	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	40.3	< 0.40	10.3 J	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	30.5	< 200	168	6.2	7.2	44.3 J	519
	2003 04 (Winter)		< 5.0	< 50.0	49.0 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	6,760	< 0.40	18.8 J	11.6 J	< 20.0	< 10.0	< 5.0 UJ	< 50.0	< 20.0	< 200	64.8 J	482	963	137	5,320
	2003 03 (Fall)		< 5.0 UJ	< 50.0	126	< 4.0	< 5.0	< 10.0	< 10.0	2.8 J	< 10.0	35.7	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	1.6 J	< 20.0	< 200	181	5.5	5.8	39.8 J	489 J
	2003 02 (Summer)		< 50.0	< 50.0	122	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	35.6	< 0.40	5.2 J	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	33.8 J	201	5.3	5.4	36.5 J	470
	2003 01 (Spring)		3.3	< 5.0	130	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 3.0	38.0	< 0.20	5.4 J	< 20.0	< 5.0	< 5.0	< 1.0	< 10.0	5.8 J	11.0 J	240	5.9	6.1	44.0 J	590
	2002 04 (Winter)		3.1 J	3.3 J	140	< 2.0	< 5.0	< 10.0	0.20 J	0.60 J	0.79 J	34.0	< 0.20	5.2 J	1.4 J	< 5.0	< 5.0	< 2.0	4.0 J	7.0 J	20.0 J	< 26.0	5.2 J	5.0	39.0	490
	2002 03 (Fall)		2.4 J	< 5.0 UJ	120	< 2.0	< 5.0	< 10.0 UJ	< 10.0 UJ	< 10.0 UJ	< 3.0	31.0 J	< 0.20	5.0 J	< 20.0 U	1.4 J	< 5.0	< 2.0	< 10.0 UJ	< 20.0 U	< 100 UJ	160 J	7.7 J	5.5 J	46.0	560
	2002 02 (Summer)		1.8 J	1.3 J	110	0.077 J	< 5.0	0.88 J	0.21 J	0.29 J	0.64 J	32.0 J	< 0.20	< 20.0	0.76 J	1.7 J	< 5.0 UJ	< 2.0	1.2 J	< 20.0	10.0 J	160	5.8	4.8 J	46.0	580
MW02-A	2004 04 (Winter)		0.42 J	2.7 J	79.0	< 2.0	< 5.0	1.0 J	0.41 J	2.8 J	0.34 J	64.0	< 0.20	2.4 J	10.0 J	4.7 J	< 5.0	< 5.0	2.9 J	8.5 J	17.0 J	370	170 J	41.0 J	19.0	310
	2004 02 (Summer)		< 1.0	2.7	96.0	< 1.0	< 1.0	< 10.0	1.1	2.1	0.080 J	75.0	< 0.20	< 5.0	3.8	0.99 J	< 1.0	< 1.0	< 10.0	6.1 J	< 50.0	530	190	39.0	22.0	340
	2004 01 (Spring)		< 5.0	< 50.0	86.4 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	101	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0	< 50.0	< 20.0	< 200	< 100	213	48.6	17.2 J	305
	2003 04 (Winter)		< 5.0	< 50.0	31.7 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	19.2	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	5.3 J	< 200	< 100	124	21.6	12.6	35.3
	2003 03 (Fall)		< 5.0 UJ	< 50.0	125	< 4.0	< 5.0	< 10.0	< 10.0	1.6 J	< 10.0	188	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	184	300	74.0	25.8 J	478 J
	2003 02 (Summer)		< 50.0	< 50.0	102 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	140 J	-	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	145 J	202	52.0	29.5 J	188 J
	2003 01 (Spring)		< 1.0	< 5.0	58.0	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 3.0	77.0	< 0.20	< 20.0	2.7 J	< 5.0	< 5.0	< 1.0	2.2 J	6.4 J	16.0 J	270	130	31.0	16.0 J	180
	2002 04 (Winter)		0.59 J	2.8 J	64.0	< 2.0	< 5.0	< 10.0	0.57 J	2.4 J	0.098 J	30.0	< 0.20	3.0 J	3.1 J	1.6 J	< 5.0	< 2.0	3.3 J	3.5 J	4.7 J	720	130	22.0	12.0	240
	2002 03 (Fall)		0.41 J	< 5.0	110	< 2.0	< 5.0	< 10.0	1.0 J	< 10.0	< 3.0	110	< 0.20	1.4 J	4.1 J	1.4 J	< 5.0	< 2.0	< 10.0 UJ	< 20.0	< 100	900	250	46.0	25.0	250
	2002 02 (Summer)		0.29 J	2.6 J	60.0	< 2.0	< 5.0	< 10.0	0.69 J	1.3 J	< 3.0	57.0	< 0.20	2.0 J	2.7 J	1.1 J	< 5.0	< 2.0	< 10.0	0.73 J	8.2 J	390	160	26.0 J	15.0	220
MW03-A	2004 04 (Winter)		0.26 J	6.9	30.0	< 2.0	< 5.0	0.24 J	0.99 J	0.59 J	0.12 J	46.0	< 0.20	3.2 J	1.0 J	< 5.0	< 5.0	< 5.0	1.5 J	18.0 J	18.0 J	540	71.0 J	9.2 J	6.6	23.0
	2004 02 (Summer)		0.40 J	3.2	60.0	< 1.0	< 1.0	< 1.0	1.2	0.53 J	< 1.0	27.0	< 0.20	< 5.0	1.8	< 1.0	< 1.0	< 1.0	13.0	< 1.3	< 50.0	190	100	11.0	4.7	14.0
	2004 01 (Spring)		< 5.0	6.7 J	64.7 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	48.1	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0 UJ	< 50.0	< 20.0	< 200	536	89.6	11.3	6.0 J	15.3
	2003 04 (Winter)		< 5.0	6.4 J	44.3 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	108	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	214	63.2	12.2	6.2	23.4
	2003 03 (Fall)		< 5.0 UJ	6.9 J	33.8 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	15.8	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	2.8 J	< 20.0	< 200	666	120	10.2	3.4 J	10.6 J
	2003 02 (Summer)		< 50.0	7.7 J	31.6 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	42.3	< 0.40	5.6 J	< 20.0	< 20.0	< 10.0	< 5.0	1.3 J	2.4 J	< 200	556	104	9.3	3.2	11.5 J
	2003 01 (Spring)		< 1.0	19.0	44.0	< 2.0	< 5.0	< 10.0	1.0 J	3.0 J	< 3.0	67.0	< 0.20	3.4 J	1.2 J	< 5.0	< 5.0	< 1.0	1.4 J	3.1 J	< 100	2,100	110	8.7	3.0	13.0
	2002 04 (Winter)		< 50.0	5.9	89.0	< 2.0	< 5.0	< 10.0	0.87 J	0.59 J	0.037 J	13.0	< 0.20	4.6 J	2.3 J	0.66 J	< 5.0	< 2.0	10.0	0.94 J	< 100	600	130	9.8	1.8	14.0

FWBZ

Table 1-5

Groundwater Sample Analytical Results at IR Sites 1 and 32: Dissolved Metals and Total Cyanide

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																		Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	36.0	NA	NA	8.8	NA	NA	3.1	8.1	NA	0.94	NA	8.2	71.0	1.9	NA	NA	81.0	NA	NA	NA	NA	NA	NA
MD03- A	2002 03 (Fall)		0.34 J	3.0 J	33.0	< 2.0	< 5.0	< 10.0	6.1 J	0.42 J	0.062 J	100	< 0.20	5.1 J	4.6 J	< 5.0	< 5.0	< 2.0	2.9 J	91.0	< 100	1,400	120	9.9	3.9	8.9
	2002 02 (Summer)		0.22 J	< 5.0	30.0	< 2.0	< 5.0	1.0 J	0.97 J	0.25 J	< 30	40.0	< 0.20	4.7 J	1.6 J	< 5.0	< 5.0	< 2.0	2.3 J	3.4 J	6.0 J	570	120	9.0	3.5	9.9
MD04- A	2004 04 (Winter)		0.41 J	6.0	14.0 J	< 2.0	< 5.0	< 10.0	0.78 J	0.88 J	0.21 J	80.0	< 0.20	2.9 J	2.1 J	< 5.0	< 5.0	< 5.0	3.8 J	1.8 J	< 100	170	61.0	26.0	22.0	170
	2004 02 (Summer)		0.54 J	5.4	14.0	< 10	< 10	< 10	0.93 J	1.0	< 10	110	< 0.20	3.8 J	1.7	< 10	< 10	< 10	5.7 J	4.3	< 50.0	160	72.0	29.0	21.0	180
	2003 04 (Winter)		< 5.0	< 50.0	14.4 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	116	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	5.0 J	< 200	196	64.0	27.8	20.7	170
	2003 02 (Summer)		< 50.0	< 50.0	11.7 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	124	< 0.40	< 50.0	2.1 J	< 20.0	< 10.0	< 5.0	3.4 J	4.6 J	< 200	36.7 J	65.8	28.0	22.7	135 J
	2002 04 (Winter)		< 50.0	3.7 J	10.0	< 2.0	< 5.0	< 10.0	0.19 J	2.9 J	0.036 J	0.33 J	< 0.20	5.4 J	2.2 J	0.71 J	< 5.0	< 2.0	5.5 J	0.72 J	4.9 J	360	70.0	28.0	15.0	120
	2002 02 (Summer)		0.37 J	4.6 J	16.0	< 2.0	< 5.0	0.95 J	1.1 J	0.52 J	< 30	98.0	< 0.20	2.4 J	2.0 J	0.81 J	0.27 J	< 2.0	3.4 J	2.3 J	< 100	140	64.0	34.0 J	25.0	240
MD06 - A	2004 04 (Winter)		< 10	2.3 J	110	< 2.0	< 5.0	< 10.0	0.36 J	0.99 J	0.36 J	890	< 0.20	< 20.0	4.0 J	< 5.0	< 5.0	< 5.0	0.58 J	4.6 J	< 100	1,900	89.0	24.0	16.0	55.0
	2004 02 (Summer)		0.20 J	1.7	93.0	< 10	< 10	< 10	0.49 J	1.1	< 10	810	< 0.20	< 5.0	6.5	< 10	< 10	< 10	< 10.0	25.0	< 50.0	1,500	110	20.0	12.0	25.0
	2003 04 (Winter)		2.7 J	< 50.0	113	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	998	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	< 20.0	< 200	2,690	115 J	23.0	14.2	33.2
	2003 02 (Summer)		< 50.0	< 50.0	121	< 4.0	< 5.0	< 10.0	< 10.0	2.2 J	< 10.0	608	< 0.40	< 50.0	11.4 J	< 20.0	< 10.0	< 5.0	< 50.0	2.6 J	< 200	828	118	24.8	14.7	36.3 J
	2002 04 (Winter)		< 50.0	2.5 J	180	< 2.0	< 5.0	< 10.0	1.1 J	1.3 J	0.12 J	1,500	< 0.20	0.47 J	9.4 J	< 5.0	< 5.0	< 2.0	< 10.0	7.2 J	< 100	1,900	150	34.0	17.0	39.0
	2002 02 (Summer)		0.077 J	2.8 J	110	< 2.0	< 5.0	< 10.0	0.36 J	0.79 J	< 30	910 J	0.061 J	0.51 J	6.6 J	< 5.0	< 5.0	< 2.0	< 10.0	16.0 J	< 100	1,400	97.0	24.0 J	12.0	31.0
MD07- A	2004 04 (Winter)		< 10	18.0	16.0 J	< 2.0	< 5.0	< 10.0	0.20 J	0.54 J	0.21 J	580	< 0.20	< 20.0	1.9 J	< 5.0	< 5.0	< 5.0	2.1 J	3.6 J	< 100	230	19.0	12.0	13.0	140
	2004 02 (Summer)		0.14 J	19.0	13.0	< 10	< 10	< 11	0.18 J	0.72 J	0.11 J	390	< 0.20	2.3 J	1.9	< 10	< 10	0.31 J	< 2.8	5.0	5.1 J	170	14.0	7.9	11.0	170
	2003 04 (Winter)		< 5.0	22.1 J	18.1 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	802	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	29.7	< 200	255	24.3	13.2	10.8	97.5
	2003 02 (Summer)		< 50.0	19.2 J	14.6 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	459	< 0.40	< 50.0	1.8 J	< 20.0	< 10.0	< 5.0	2.4 J	2.5 J	< 200	271	13.8	8.0	12.5	119 J
	2002 04 (Winter)		< 50.0	16.0	12.0	< 2.0	< 5.0	< 10.0	0.16 J	0.83 J	0.094 J	420	< 0.20	2.2 J	1.8 J	< 5.0	< 5.0	< 2.0	4.2 J	2.7 J	5.3 J	260	15.0	5.9	9.7	170
	2002 02 (Summer)		0.081 J	19.0	17.0	< 2.0	< 5.0	1.2 J	0.20 J	0.49 J	< 30	570 J	< 0.20	1.2 J	1.4 J	< 5.0	< 5.0	< 2.0	2.6 J	0.53 J	4.0 J	230	17.0	8.3	10.0	110
MD25- A	2004 04 (Winter)		1.3	4.3 J	220	< 2.0	< 5.0	0.73 J	0.36 J	2.7 J	0.15 J	290	< 0.20	< 20.0	3.1 J	< 5.0	< 5.0	< 5.0	1.2 J	8.6 J	8.5 J	500	250	460	130	3,100
	2004 02 (Summer)		2.9	< 33	840	< 10	< 10	< 10 UJ	0.27 J	0.41 J	0.075 J	170	< 0.20	3.5 J	1.0 J	3.1 J	< 10	< 10	< 10.0	8.4	9.8 J	< 100	120	170	52.0	1,000
	2004 01 (Spring)		< 5.0	< 50.0	200	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	18.7	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0 UJ	< 50.0	11.1 J	< 200	86.9 J	11.5	13.0	14.8 J	261
	2003 04 (Winter)		< 5.0	< 50.0	164	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	176	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	74.0 J	139	281	103	2,550
	2003 03 (Fall)		< 5.0 UJ	< 50.0 U	285	< 4.0	< 5.0	< 10.0	< 10.0	1.3 J	< 10.0	595	-	< 50.0	< 20.0	< 20.0	< 10.0	-	< 50.0	< 20.0	< 200	134	334	785	427 J	375
	2003 02 (Summer)		< 50.0	< 50.0	958	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	71.7	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	2.2 J	< 20.0	< 200	75.2 J	52.6	77.3	36.6	546 J
	2003 01 (Spring)		< 10	< 5.0	130	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 30	18.0	< 0.20	1.9 J	< 20.0	< 5.0	< 5.0	< 10	4.1 J	2.1 J	12.0 J	55.0 J	10.0	17.0	18.0 J	390
	2002 04 (Winter)		2.9 J	4.1 J	< 180	< 2.0	< 5.0	< 10.0	0.27 J	1.6 J	0.12 J	130	< 0.20	1.5 J	3.5 J	11.0	0.056 J	< 2.0	< 10.0	19.0 J	17.0 J	570	160	230	66.0	1,900
	2002 03 (Fall)		0.20 J	< 5.0	250	< 2.0	< 5.0	< 10.0	0.47 J	< 10.0	< 30	650	< 0.20	0.78 J	3.1 J	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	< 100	890 J	360	750	170	4,700
	2002 02 (Summer)		1.3 J	1.4 J	800	0.10 J	0.056 J	2.1 J	< 10.0	0.95 J	0.21	350	< 0.20	< 20.0	0.82 J	12.0	< 5.0	< 2.0	1.5 J	< 20.0	5.8 J	390	140	240	62.0	1,100
MD26 - A	2004 04 (Winter)		0.57 J	< 5.0	41.0 J	< 2.0	< 5.0	3.2 J	0.92 J	7.9 J	0.29 J	23.0	0.055 J	7.3 J	7.0 J	4.7 J	< 5.0	< 5.0	1.9 J	23.0	< 100	920	380	1,100	330	8,400
	2004 02 (Summer)		0.67 J	4.8	40.0	< 2.0	< 5.0	< 10.0	0.19 J	< 10.0	0.13 J	< 10.0	< 0.20	< 20.0	< 20.0	< 10	< 5.0	< 10	6.2 J	< 20.0	2.4 J	< 100	280	800	260	6,200
	2003 04 (Winter)		< 5.0	< 50.0	20.1 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 0.40	38.5 J	< 20.0	< 20.0	< 10.0	< 25.0	5.4 J	< 20.0	< 200	< 100	327	853	348	7,630
	2003 02 (Summer)		< 50.0	9.7 J	42.0 J	< 4.0	1.0 J	< 10.0	1.6 J	4.0 J	< 10.0	25.1	< 0.40	6.5 J	2.4 J	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	< 100	300	839	273	5,990 J
	2002 04 (Winter)		0.48 J	7.9	4.9 J	< 2.0	< 5.0	< 10.0	0.27 J	5.5 J	0.099 J	180	< 0.20	5.8 J	1.8 J	6.3	< 5.0	< 2.0	6.5 J	6.9 J	4.9 J	< 360	110	140	56.0	1,300
	2002 02 (Summer)		0.79 J	5.8	46.0	< 2.0	< 5.0	1.8 J	< 10.0	4.8 J	< 30	23.0	0.14 J	7.3 J	2.5 J	10.0	0.53 J	< 2.0	3.2 J	< 20.0	3.5 J	490	310	820	240	6,700
MD26 - E	2004 04 (Winter)		< 10	1.7 J	240	< 2.0	< 5.0	< 10.0	0.88 J	3.4 J	0.18 J	2,900	< 0.20	2.9 J	4.1 J	< 5.0	< 5.0	< 5.0	< 10.0	15.0 J	< 100	6,800	540	730	180	4,600
	2004 02 (Summer)		< 10	6.3	150	< 2.0	< 5.0	< 10.0	< 10	< 10.0	< 10	820	< 0.20	< 20.0	< 20.0	5.4	< 5.0	< 10	< 10.0	< 20.0	3.4 J	1,700	77.0	140	56.0	1,400

FWBZ

Table 1-5

Groundwater Sample Analytical Results at IR Sites 1 and 32: Dissolved Metals and Total Cyanide

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																		Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	36.0	NA	NA	8.8	NA	NA	3.1	8.1	NA	0.94	NA	8.2	71.0	1.9	NA	NA	81.0	NA	NA	NA	NA	NA	NA
M026 - E	2003 04 (Winter)		< 5.0	4.6 J	218	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	3,120	< 0.40	11.3 J	< 20.0	< 20.0	< 10.0	< 50.0 U	< 50.0	< 20.0	< 200	6,810	483	900	295	7,090
	2003 02 (Summer)		< 50.0	10.1 J	111	< 4.0	< 5.0	< 10.0	< 10.0	1.0 J	< 10.0	741	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	1,300	78.4	126	56.8	1,140 J
	2002 04 (Winter)		0.13 J	13.0	200	< 2.0	< 5.0	< 10.0	1.2 J	2.5 J	0.058 J	2,900	< 0.20	1.4 J	3.0 J	22.0	< 5.0	< 2.0	< 10.0	< 20.0	3.1 J	4,600	380	620	160	4,200
	2002 02 (Summer)		0.091 J	6.0	120	< 2.0	< 5.0	2.7 J	< 10.0	0.81 J	< 30	860	0.052 J	< 20.0	1.1 J	7.0	0.055 J	< 2.0	1.7 J	< 20.0	< 100	1,800	110	180	55.0	1,600
M027- A	2004 04 (Winter)		2.5	3.5 J	180	< 2.0	< 5.0	< 10.0	0.32 J	0.97 J	0.079 J	330	0.050 J	2.8 J	2.1 J	< 5.0	< 5.0	< 5.0	1.6 J	7.9 J	< 100	690	93.0	51.0	43.0	620
	2004 02 (Summer)		5.0	4.6	160	< 1.0	0.78 J	< 1.0	0.29 J	0.99 J	0.18 J	270	< 0.20	< 5.0	2.0	1.3	< 1.0	< 1.0	5.5 J	4.0	< 50.0	710	88.0	49.0	42.0	620
	2004 01 (Spring)		4.6 J	< 50.0	165	< 4.0	2.1 J	< 10.0	< 10.0	< 10.0	< 10.0	385	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0 UJ	< 50.0	8.0 J	< 200	1,380	113	50.9	43.5 J	516
	2003 04 (Winter)		< 5.0	4.3 J	231	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	447	0.24 J	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	285	107	60.2	52.5	769
	2003 03 (Fall)		2.9 J	6.5 J	138	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	303	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	395	103	47.4	28.8 J	275 J
	2003 02 (Summer)		< 50.0	< 50.0	233	< 4.0	< 5.0	< 10.0	< 10.0	1.9 J	< 10.0	436	< 0.40	< 50.0	2.2 J	< 20.0	< 10.0	< 5.0	< 50.0	8.5 J	< 200	959	120	63.7	43.3	524 J
	2003 01 (Spring)		2.7	4.6 J	250	< 2.0	2.6 J	< 10.0	< 10.0	2.9 J	< 30	490	< 0.20	2.3 J	< 20.0	2.7 J	< 5.0	< 1.0	< 10.0	10.0 J	< 100	1,600	120	55.0	43.0 J	760
	2002 04 (Winter)		13.0 J	< 5.0	97.0	< 2.0	3.2 J	< 10.0	0.21 J	5.2 J	0.058 J	63.0	< 0.20	1.7 J	2.1 J	0.65 J	< 5.0	< 2.0	< 10.0	22.0 J	< 100	< 340	100	53.0	33.0	130
	2002 03 (Fall)		2.2 J	< 5.0	180	< 2.0	0.50 J	< 10.0	< 10.0	< 10.0	< 30	420	< 0.20	2.4 J	< 20.0	0.88 J	< 5.0	< 2.0	< 10.0	< 20.0	< 100	700	110	55.0	44.0	370
	2002 02 (Summer)		2.2 J	2.8 J	190	< 2.0	0.58 J	0.96 J	< 10.0	< 10.0	< 30	390	< 0.20	< 20.0	1.6 J	1.9 J	-	< 2.0	0.74 J	6.3 J	< 100	900	97.0	57.0	42.0	370
M028- A	2004 04 (Winter)		0.11 J	3.6 J	150	< 2.0	< 5.0	0.43 J	0.30 J	1.4 J	0.33 J	450	< 0.20	0.30 J	1.5 J	< 5.0	< 5.0	< 5.0	0.62 J	4.5 J	5.2 J	5,800	100 J	37.0 J	31.0	91.0
	2004 02 (Summer)		< 1.0	6.9	110	< 1.0	< 1.0	< 10.0	0.46 J	1.1	0.10 J	450	< 0.20	< 5.0	1.3	< 1.0	< 1.0	< 1.0	< 10.0	13.0 J	< 50.0	5,700	68.0	28.0	31.0	70.0
	2004 01 (Spring)		< 5.0	< 50.0	107	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	3.6 J	199	< 0.40	< 50.0	53.7	< 20.0	< 10.0	< 10.0 UJ	< 50.0	12.1 J	< 200	2,380	91.0	32.3	23.4 J	71.1
	2003 04 (Winter)		< 5.0	< 50.0	161	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	405	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	6,560	107	39.3	32.3	81.4
FWBZ	2003 03 (Fall)		< 5.0 UJ	17.1 J	190	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	1,050	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	17,100	127	41.0	35.8 J	88.9 J
	2003 02 (Summer)		< 50.0	< 50.0	106	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	274	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	3,900	50.5	26.9	32.7 J	71.4
	2003 01 (Spring)		< 1.0	5.6	120	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 30	240	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 1.0	< 10.0	15.0 J	110	3,500	75.0	32.0	26.0 J	76.0
	2002 04 (Winter)		5.9 J	< 5.0	91.0	< 2.0	3.5 J	< 10.0	0.16 J	12.0	0.43 J	25.0	< 0.20	2.2 J	8.7 J	< 5.0 J	< 5.0	< 2.0	< 10.0	100 J	3.4 J	< 270	100	34.0	23.0	78.0
	2002 03 (Fall)		0.20 J	14.0	240	< 2.0	< 5.0	< 10.0	0.53 J	< 10.0	< 30	810	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	< 100	12,000	100	41.0	47.0	88.0
	2002 02 (Summer)		0.17 J	4.7 J	170	< 2.0	< 5.0	2.2 J	< 10.0	0.59 J	< 30	350	< 0.20	< 20.0	0.48 J	0.63 J	< 5.0	< 2.0	0.47 J	< 20.0	< 100	4,700	67.0	30.0	33.0	74.0
M028- E	2004 04 (Winter)		0.43 J	31.0	230	< 2.0	< 5.0	1.1 J	0.93 J	1.0 J	0.62 J	2,200	< 0.20	0.23 J	2.0 J	< 5.0	< 5.0	< 5.0	0.62 J	8.3 J	0.83 J	27,000	170 J	46.0 J	48.0	190
	2004 02 (Summer)		0.52 J	39.0	200	< 1.0	< 1.0	< 1.1	1.1	0.63 J	0.077 J	1,800	< 0.20	< 5.0	1.6	< 1.0	< 1.0	0.40 J	< 10.0	< 1.9	< 50.0	21,000	150	42.0	46.0	300
	2004 01 (Spring)		< 5.0	21.3 J	123	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	1,690	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0 UJ	< 50.0	12.1 J	< 200	18,400	143	36.7	40.9 J	65.3
	2003 04 (Winter)		< 5.0	31.5 J	200	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	1,720	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	22,300	142	38.5	45.3	187
	2003 03 (Fall)		< 5.0 UJ	47.7 J	273	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	2,030	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	26,200	171	53.0	49.7 J	419 J
	2003 02 (Summer)		< 50.0	38.2 J	173	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	1,790	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	21,700	143	38.4	60.2 J	140
	2003 01 (Spring)		< 1.0	27.0	170	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 30	1,900	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 1.0	< 10.0	2.5 J	< 100	22,000	160	42.0	44.0	67.0
	2002 04 (Winter)		0.34 J	20.0	140	< 2.0	< 5.0	< 10.0	0.72 J	0.52 J	0.078 J	1,700	< 0.20	< 20.0	1.5 J	< 5.0	< 5.0	< 2.0	< 10.0 UJ	7.4 J	34.0 J	18,000	130	35.0	42.0	79.0
M029- A	2004 04 (Winter)		< 1.0	2.2 J	250	< 2.0	< 5.0	0.59 J	0.099 J	1.0 J	0.27 J	57.0	< 0.20	0.53 J	0.64 J	< 5.0	< 5.0	< 5.0	0.91 J	7.5 J	43.0 J	250	24.0 J	55.0 J	33.0	200
	2004 02 (Summer)		< 1.0	2.2	190	< 1.0	< 1.0	< 10.0	0.11 J	0.76 J	0.10 J	57.0	< 0.20	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10.0	< 20.0	< 50.0	300	23.0	49.0	29.0	170
	2004 01 (Spring)		< 5.0	< 50.0	179	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	61.5 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	346 J	25.2 J	46.1	26.1	152
	2003 04 (Winter)		< 5.0	< 50.0	241	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	69.1	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	164	26.2	61.1	36.1	202
	2003 03 (Fall)		< 5.0	< 50.0	220	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	60.8	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	48.7 J	165	23.4	54.1	38.3 J	148
	2003 02 (Summer)		< 50.0	< 50.0	226	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	55.3	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	68.4 J	246	24.6	52.8	36.3 J	140

Table 1-5

Groundwater Sample Analytical Results at IR Sites 1 and 32: Dissolved Metals and Total Cyanide

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																		Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number		AWQC:	NA	36.0	NA	NA	8.8	NA	NA	3.1	8.1	NA	0.94	NA	8.2	71.0	1.9	NA	NA	81.0	NA	NA	NA	NA	NA	NA
FWBZ	M029-A	2003 01 (Spring)	< 1.0	< 5.0	220	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 3.0	55.0	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 1.0	< 10.0	< 20.0	36.0 J	300	23.0	56.0	28.0 J	150
		2002 04 (Winter)	0.34 J	< 5.0	200	< 2.0	< 5.0	< 10.0	0.14 J	0.59 J	0.081 J	64.0	< 0.20	0.79 J	1.7 J	< 5.0	< 5.0	< 2.0	< 10.0	4.5 J	39.0 J	< 300	23.0	41.0	25.0	150
		2002 03 (Fall)	< 50.0	< 5.0	220	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 3.0	51.0	< 0.20	0.64 J	< 20.0	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	< 100	190	20.0	50.0	30.0	170
		2002 02 (Summer)	0.054 J	0.71 J	260	< 2.0	< 5.0	0.66 J	0.081 J	0.19 J	< 3.0	49.0	< 0.20	< 20.0	0.21 J	0.55 J	< 5.0 UJ	< 2.0	0.17 J	< 20.0	34.0 J	230	23.0	52.0 J	30.0	180
	M029-E	2004 04 (Winter)	0.14 J	1.7 J	510	< 2.0	< 5.0	0.49 J	< 1.0	< 10.0	< 3.0	35.0	< 0.20	0.56 J	0.32 J	2.2 J	< 5.0	1.1 J	0.77 J	5.4 J	2.7 J	500	32.0 J	38.0 J	26.0	250
		2004 02 (Summer)	< 1.0	2.5	360	< 1.0	< 1.0	< 10.0	0.085 J	1.2	0.11 J	24.0	< 0.20	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10.0	4.5 J	< 50.0	440	22.0	28.0	22.0	210
		2003 04 (Winter)	< 5.0	< 50.0	474	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	36.8	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	375	31.3	41.6	32.0	326
		2003 02 (Summer)	< 50.0	< 50.0	430	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	30.5	< 0.40 UJ	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	398 J	28.0	37.0	34.6	179
		2002 04 (Winter)	0.25 J	< 5.0	300	< 2.0	< 5.0	< 10.0	0.057 J	0.17 J	0.051 J	24.0	< 0.20	0.89 J	0.16 J	< 5.0	< 5.0	< 2.0	< 10.0	0.92 J	5.2 J	< 290	18.0	26.0	21.0	210
		2002 02 (Summer)	0.077 J	0.77 J	390	< 2.0	< 5.0	0.44 J	0.049 J	0.088 J	< 3.0	25.0	< 0.20	< 20.0	0.21 J	1.2 J	< 5.0 UJ	< 2.0	0.11 J	< 20.0	< 100	280	23.0	33.0 J	26.0	270
	M030-A	2004 04 (Winter)	0.49 J	4.1 J	27.0	< 2.0	< 5.0	0.38 J	0.14 J	1.5 J	0.22 J	57.0	< 0.20	1.5 J	4.0 J	1.7 J	< 5.0	< 5.0	4.0 J	6.6 J	3.5 J	74.0 J	29.0 J	8.0 J	6.6	23.0
		2004 02 (Summer)	0.61 J	4.4	27.0	< 1.0	< 1.0	< 1.0	0.23 J	2.6	0.12 J	30.0	< 0.20	< 5.0	4.5	< 1.0	< 1.0	< 1.0	< 10.0	5.3	< 50.0	74.0	31.0	7.4	6.8	16.0
		2004 01 (Spring)	< 5.0	< 50.0	39.5 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0 UJ	< 50.0	5.2 J	< 200	< 100	48.1	12.8	6.2 J	12.7
		2003 04 (Winter)	< 5.0	< 50.0	34.6 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	5.2 J	< 0.40	< 50.0	34.1	< 20.0	< 10.0	< 5.0 UJ	5.9 J	17.9 J	< 200	< 100	42.5	12.9	4.9	17.0
		2003 03 (Fall)	< 5.0	7.0 J	30.8 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	25.6	< 0.40	< 50.0	1.4 J	< 20.0	< 10.0	< 5.0	3.8 J	< 20.0	< 200	< 100	34.2	8.2	6.9 J	16.9
		2003 02 (Summer)	< 50.0	6.1 J	25.5 J	< 4.0	< 5.0	< 10.0	< 10.0	2.0 J	< 10.0	4.4 J	< 0.40	< 50.0	3.2 J	< 20.0	< 10.0	< 5.0	5.9 J	< 20.0	< 200	< 100	28.9	6.8	5.7	13.6 J
		2003 01 (Spring)	2.7	< 5.0	30.0	< 2.0	< 5.0	< 10.0	< 10.0	5.2 J	< 3.0	< 10.0	< 0.20	< 20.0	8.3 J	< 5.0	< 5.0	< 1.0	3.2 J	6.8 J	12.0 J	100	40.0	9.1	4.3 J	13.0
		2002 04 (Winter)	< 50.0	2.6 J	26.0	< 2.0	< 5.0	< 10.0	0.59 J	4.8 J	0.36 J	2.7 J	< 0.20	1.8 J	7.4 J	0.46 J	< 5.0	< 2.0	4.4 J	11.0 J	27.0 J	250	36.0	8.6	3.7	15.0
		2002 03 (Fall)	0.72 J	< 5.0	33.0	< 2.0	< 5.0	< 10.0	< 10.0	5.3 J	< 3.0	29.0	< 0.20	2.2 J	2.6 J	< 5.0	< 5.0	< 2.0	< 10.0 UJ	< 20.0	< 100	< 110	33.0	8.5	8.9	< 17.0
		2002 02 (Summer)	0.89 J	2.2 J	26.0	< 2.0	< 5.0	0.22 J	0.042 J	1.4 J	< 3.0	1.7 J	< 0.20	< 20.0	2.5 J	0.36 J	< 5.0 UJ	< 2.0	3.1 J	< 20.0	3.4 J	57.0 J	30.0	6.2	6.9	17.0
	M031-A	2004 04 (Winter)	< 1.0	3.5 J	39.0 J	< 2.0	< 5.0	< 10.0	0.20 J	2.9 J	0.11 J	360	< 0.20	3.6 J	2.5 J	< 5.0	< 5.0	< 5.0	1.8 J	5.6 J	< 100	260	54.0	17.0	16.0	56.0
		2004 02 (Summer)	0.12 J	3.9	32.0	< 1.0	< 1.0	< 1.0	0.18 J	1.8	0.10 J	460	0.066 J	3.7 J	2.0	< 1.0	< 1.0	< 1.0	< 10.0	9.4	< 50.0	450	43.0	14.0	14.0	48.0
		2004 01 (Spring)	< 5.0	< 50.0	30.5 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	529 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	5.7 J	< 200	92.2 J	49.7 J	14.2	10.8	42.0
		2003 04 (Winter)	< 5.0	4.3 J	53.9 J	< 4.0	< 5.0	< 10.0	< 10.0	13.3	< 10.0	257	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	137	86.6	20.7	15.9	63.6
		2003 03 (Fall)	< 5.0	< 50.0	44.5 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	284	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	193	42.6	18.4	21.1 J	73.9
		2003 02 (Summer)	< 50.0	< 50.0	34.2 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	493	< 0.40	< 50.0	1.8 J	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	447	48.5	16.6	16.9 J	63.2
		2003 01 (Spring)	1.0	3.8 J	< 310	0.87 J	0.96 J	1.3 J	1.0 J	3.9 J	< 3.0	510	< 0.20	4.6 J	2.3 J	0.95 J	< 5.0	< 1.0	2.3 J	2.7 J	4.2 J	410	53.0	14.0	14.0	71.0
		2002 04 (Winter)	0.86 J	3.3 J	46.0	< 2.0	< 5.0	< 10.0	0.22 J	7.1 J	0.11 J	300	< 0.20	3.1 J	2.2 J	< 5.0	< 5.0	< 2.0	2.7 J	3.8 J	54.0 J	< 210	48.0	15.0	12.0	50.0
		2002 03 (Fall)	< 50.0	3.5 J	39.0	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 3.0	210	< 0.20	2.9 J	< 20.0	< 5.0	< 5.0	< 2.0	6.4 J	< 20.0 U	< 100	200	30.0	11.0	16.0	72.0
		2002 02 (Summer)	< 50.0	3.0 J	34.0	< 2.0	< 5.0	0.35 J	< 10.0	< 10.0	< 3.0	330	< 0.20	3.4 J	1.4 J	0.37 J	-	< 2.0	1.0 J	< 20.0	< 100	150	33.0	12.0	13.0	65.0
	M032-A	2004 04 (Winter)	< 1.0	1.8 J	110	< 2.0	< 5.0	< 10.0	0.21 J	0.51 J	0.21 J	660	< 0.20	< 20.0	1.8 J	< 5.0	< 5.0	< 5.0	0.48 J	2.5 J	< 100	2,300	82.0	31.0	16.0	26.0
		2004 02 (Summer)	0.089 J	1.9	81.0	< 1.0	< 1.0	< 1.0	0.15 J	0.47 J	0.10 J	500	< 0.20	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10.0	3.8	< 50.0	2,000	68.0	27.0	15.0	20.0
		2003 04 (Winter)	< 5.0	< 50.0	109	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	665	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	2,390	90.8	35.6	17.6	33.0
		2003 02 (Summer)	< 50.0	< 50.0	87.7 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	523	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	1,920	74.2	29.4	15.5 J	23.7
		2002 04 (Winter)	0.064 J	1.6 J	110	< 2.0	< 5.0	< 10.0	0.24 J	0.56 J	0.052 J	560	< 0.20	< 20.0	1.4 J	< 5.0	< 5.0	< 2.0	0.66 J	3.3 J	< 100	1,800	81.0	33.0	17.0	38.0
		2002 02 (Summer)	0.059 J	< 5.0	83.0	< 2.0	< 5.0	< 10.0	0.18 J	0.28 J	< 3.0	530 J	< 0.20	1.7 J	0.77 J	< 5.0	< 5.0	< 2.0	< 10.0	7.4 J	< 100	1,800	74.0	30.0 J	16.0	27.0
	M033-A	2004 04 (Winter)	0.094 J	3.5 J	28.0	< 2.0	< 5.0	0.45 J	0.14 J	0.65 J	0.40 J	410	< 0.20	2.5 J	1.3 J	< 5.0	< 5.0	< 5.0	< 10.0	4.7 J	2.6 J	1,100	81.0 J	24.0 J	16.0	61.0
		2004 02 (Summer)	< 1.0	4.6	30.0	< 1.0	< 1.0	< 10.0	0.16 J	< 1.0	0.056 J	470	< 0.20	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10.0	5.0 J	< 50.0	1,200	78.0	28.0	18.0	76.0

Table 1-5

Groundwater Sample Analytical Results at IR Sites 1 and 32: Dissolved Metals and Total Cyanide

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																		Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number		Event AWQC:	NA	36.0	NA	NA	8.8	NA	NA	3.1	8.1	NA	0.94	NA	8.2	71.0	1.9	NA	NA	81.0	NA	NA	NA	NA	NA	NA
M033- A	FWBZ	2004 01 (Spring)	< 5.0	5.5 J	22.8 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	302 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	740 J	61.6 J	20.2	14.6	68.4
		2003 04 (Winter)	< 5.0	< 50.0	33.4 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	515	0.23 J	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	987	95.2	30.7	18.0	92.5
		2003 03 (Fall)	< 5.0 UJ	< 50.0	34.8 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	610 J	< 0.40	< 50.0	2.4 J	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	1,380 J	100 J	36.4 J	23.5 J	66.3 J
		2003 02 (Summer)	< 50.0	< 50.0	28.2 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	497	< 0.40 UJ	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	4.5 J	< 200	1,200 J	80.3	25.6	18.4	74.2
		2003 01 (Spring)	< 10	3.2 J	31.0	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 30	360	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 10	< 10.0	9.0 J	< 100	790	66.0	28.0	16.0	67.0
		2002 04 (Winter)	0.12 J	4.6 J	31.0	< 2.0	< 5.0	< 10.0	0.13 J	0.29 J	0.044 J	420	< 0.20	2.6 J	0.35 J	< 5.0	< 5.0	< 2.0	< 10.0	0.78 J	4.7 J	890	69.0	27.0	16.0	100
		2002 03 (Fall)	< 50.0	4.0 J	27.0	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 30	410	< 0.20	2.2 J	< 20.0	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0 U	< 100	1,100	65.0	25.0	18.0	66.0
		2002 02 (Summer)	< 50.0	5.0 J	23.0	< 2.0	< 5.0	0.44 J	< 10.0	< 10.0	0.026 J	320	< 0.20	< 20.0	0.59 J	< 5.0	-	< 2.0	0.48 J	< 20.0	< 100	960	51.0	15.0	14.0	100
M034- A		2004 04 (Winter)	0.094 J	9.7	88.0	< 2.0	< 5.0	0.51 J	0.72 J	0.56 J	0.078 J	400	< 0.20	0.77 J	0.62 J	< 5.0	< 5.0	< 5.0	0.50 J	3.7 J	1.5 J	3,900	50.0 J	9.9 J	16.0	56.0
		2004 02 (Summer)	< 10	9.4	110	< 10	< 10	< 10.0	0.57 J	< 10	0.068 J	630	0.12 J	< 5.0	< 10	< 10	< 10	< 10	< 10.0	< 20.0	< 50.0	5,500	57.0	16.0	20.0	69.0
		2004 01 (Spring)	< 5.0	7.8 J	92.3 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	545 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	5,260 J	58.2 J	13.3	15.4	59.4
		2003 04 (Winter)	< 5.0	12.9 J	92.1 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	454	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	4,940	54.3	11.0	18.4	55.5
		2003 03 (Fall)	2.4 J	10.8 J	111	< 4.0	< 5.0	1.3 J	< 10.0	< 10.0	< 10.0	613 J	< 0.40	< 50.0	1.5 J	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	34.1 J	5,760 J	61.6 J	13.3 J	18.5 J	52.0 J
		2003 02 (Summer)	< 50.0	7.8 J	129	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	815	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	6,470	63.8	19.7	26.6 J	82.1
		2003 01 (Spring)	< 10	10.0	87.0	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 30	440	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 10	< 10.0	< 20.0 U	< 100	4,500	49.0	9.8	14.0	48.0
		2002 04 (Winter)	0.17 J	13.0	100	< 2.0	0.091 J	< 10.0	0.82 J	0.33 J	0.046 J	510	< 0.20	< 20.0	0.97 J	< 5.0	< 5.0	< 2.0	0.72 J	1.3 J	< 100	4,700	56.0	9.2	16.0	56.0
		2002 03 (Fall)	< 50.0	13.0	110	< 2.0	< 5.0	< 10.0	0.73 J	< 10.0	< 30	570	< 0.20	0.80 J	< 20.0	< 5.0	< 5.0	< 2.0	6.4 J	< 20.0 U	< 100	5,900	56.0	11.0	18.0	53.0
		2002 02 (Summer)	< 50.0	12.0	120	< 2.0	< 5.0	0.80 J	0.61 J	< 10.0	0.031 J	720	< 0.20	< 20.0	0.59 J	0.76 J	-	< 2.0	0.44 J	4.6 J	< 100	5,800	59.0	15.0	21.0	70.0
M035- A		2004 04 (Winter)	< 10	11.0	42.0 J	< 2.0	< 5.0	< 10.0	0.48 J	1.7 J	0.32 J	640	< 0.20	< 20.0	2.9 J	< 5.0	< 5.0	0.28 J	0.67 J	4.6 J	< 100	280	81.0	23.0	8.8	32.0
		2004 02 (Summer)	0.66 J	8.5	47.0	< 10	< 10	< 10 UJ	< 10 UJ	2.4	0.57 J	590	< 0.20	2.7 J	3.5	< 10 J	< 10	< 10	< 10.0	8.7	< 50.0	< 100	77.0	20.0	7.5	29.0
		2004 01 (Spring)	< 5.0	5.7 J	35.8 J	< 4.0	< 5.0	< 10.0	< 10.0	7.9 J	< 10.0	224 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	41.0 J	71.0 J	15.9	5.3	22.5
		2003 04 (Winter)	< 5.0	8.5 J	35.8 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	450	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	106	76.5	20.4	6.6	26.0
		2003 03 (Fall)	< 5.0 UJ	10.2 J	44.1 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	1,100	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	291	80.7	22.3	7.2 J	27.0 J
		2003 02 (Summer)	< 50.0	8.0 J	53.3 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	616	< 0.40	< 50.0	1.8 J	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	169	98.0	27.7	8.2 J	33.2
		2003 01 (Spring)	0.34 J	8.0	42.0	< 2.0	< 5.0	< 10.0	< 10.0	1.6 J	< 30	330	< 0.20	2.2 J	2.7 J	< 5.0	< 5.0	< 10	1.2 J	1.6 J	< 100	250	76.0	20.0	7.2	24.0
		2002 04 (Winter)	1.7 J	3.3 J	38.0	0.043 J	0.28 J	< 10.0	0.24 J	12.0	0.13 J	24.0	< 0.20	< 20.0	4.3 J	< 5.0	< 5.0	< 2.0	2.0 J	11.0 J	< 100	460	92.0	13.0	2.4	27.0
		2002 03 (Fall)	< 50.0	11.0	50.0	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 30	770	< 0.20	1.7 J	< 20.0	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0 U	< 100	690	94.0	27.0	8.7	36.0
		2002 02 (Summer)	0.34 J	11.0	55.0	< 2.0	< 5.0	0.42 J	0.53 J	< 10.0	< 30	920	< 0.20	< 20.0	2.5 J	< 5.0	-	< 2.0	1.3 J	11.0 J	< 100	470	99.0	28.0	8.3	32.0
M001- B	SWBZ	2004 04 (Winter)	< 10	< 5.0	57.0	< 2.0	< 5.0	0.25 J	7.9	4.8 J	0.40 J	8,900	< 0.20	3.3 J	9.2 J	< 5.0	< 5.0	0.78 J	0.51 J	20.0	< 100	1,400	600 J	1,100 J	120	5,800
		2004 02 (Summer)	< 10	< 10	61.0	< 10	< 10	< 10.0	9.3	3.7	0.15 J	7,400	< 0.20	< 5.0	13.0	< 10	< 10	< 10	< 10.0	< 20.0	< 50.0	2,100	530	1,100	120	5,300
		2003 04 (Winter)	< 5.0	< 50.0	51.0 J	< 4.0	< 5.0	< 10.0	6.0 J	< 10.0	< 10.0	7,060	< 0.40	32.0 J	14.0 J	< 20.0	< 10.0	< 50.0 U	< 50.0	< 20.0	< 200	71.6 J	590	1,080	147	5,490
		2003 02 (Summer)	< 50.0	< 50.0	57.3 J	< 4.0	< 5.0	< 10.0	8.4 J	1.4 J	< 10.0	7,700	< 0.40	< 50.0	6.7 J	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	72.1 J	550	1,020	106	4,470 J
		2002 04 (Winter)	< 50.0	< 5.0	67.0	< 2.0	< 5.0	< 10.0	8.4 J	6.3 J	0.057 J	7,400	< 0.20	3.2 J	12.0 J	< 5.0	< 5.0	< 2.0	2.9 J	< 20.0	17.0 J	2,700	510	970	110	4,800
		2002 02 (Summer)	< 50.0	< 5.0	65.0	< 2.0	< 5.0	3.4 J	9.0 J	7.8 J	< 30	7,100	< 0.20	< 20.0	< 20.0	< 5.0	4.8 J	< 2.0	1.6 J	< 28.0	< 100	1,400	550	1,000	110	5,200
M003- B		2004 04 (Winter)	0.21 J	< 5.0	100	< 2.0	< 5.0	0.41 J	1.9	4.4 J	0.37 J	8,600	< 0.20	3.2 J	5.8 J	< 5.0	< 5.0	< 5.0	0.64 J	21.0	4.6 J	9,700	380 J	1,100 J	230	7,500
		2004 02 (Summer)	< 10	< 10	100	< 10	< 10	< 10.0	2.3	7.5	0.32 J	7,600	< 0.20	< 5.0	11.0	< 10	< 10	< 10	< 10.0	< 20.0	< 50.0	12,000	380	1,000	240	7,200
		2003 04 (Winter)	< 5.0	< 50.0	79.8 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	6,440	< 0.40	22.5 J	< 20.0	< 20.0	< 10.0	< 50.0 U	< 50.0	< 20.0	< 200	8,040	315	919	269	6,900
		2003 02 (Summer)	< 50.0	< 50.0	103	< 4.0	0.56 J	< 10.0	2.4 J	< 10.0	< 10.0	7,900	< 0.40	< 50.0	1.9 J	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	9,360	409	1,110	< 244	6,420 J

Table 1-5
Groundwater Sample Analytical Results at IR Sites 1 and 32: Dissolved Metals and Total Cyanide
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																		Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	36.0	NA	NA	8.8	NA	NA	3.1	8.1	NA	0.94	NA	8.2	71.0	1.9	NA	NA	81.0	NA	NA	NA	NA	NA	NA
MW03-B	2002-04 (Winter)		< 50.0	< 5.0	130	< 2.0	< 5.0	< 10.0	3.3 J	9.8 J	0.077 J	7,800	< 0.20	3.5 J	13.0 J	58.0	< 5.0	< 2.0	3.6 J	< 20.0	3.5 J	9,200	370	1,000	230	7,000
	2002-02 (Summer)		0.13 J	< 5.0	130	< 50.0	0.089 J	7.9 J	2.5 J	4.6 J	< 30	7,300	0.061 J	< 20.0	5.8 J	< 5.0	3.0 J	< 2.0	2.4 J	< 20.0	< 2,500	7,300	370	1,000	210	6,900
MW25-C	2004-04 (Winter)		< 1.0	5.5	270	< 2.0	< 5.0	1.1 J	0.36 J	1.2 J	0.10 J	1,900	< 0.20	< 20.0	1.6 J	< 5.0	< 5.0	< 5.0	0.73 J	7.5 J	3.8 J	6,900	96.0	170	57.0	980
	2004-02 (Summer)		< 1.0	< 2.2	260	< 1.0	< 1.0	< 14 UJ	0.53 J	1.5	< 1.0	2,000	< 0.20	0.59 J	1.3	< 1.0 J	< 1.0	< 1.0	< 10.0	< 1.0	< 50.0	7,300	110	190	66.0	1,300
	2004-01 (Spring)		< 5.0	< 50.0	230	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	1,770	< 1.0	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0	< 50.0	< 20.0	< 200	6,820	94.5	172	64.4 J	1,120
	2003-04 (Winter)		< 5.0	10.5 J	435	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	2,430	0.25 J	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	11,500	140	238	80.7	1,420
	2003-03 (Fall)		< 5.0 UJ	< 50.0 UJ	406	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	2,310	-	< 50.0	< 20.0	< 20.0	< 10.0	-	< 50.0	< 20.0	< 200	9,820	131	234	130 J	434
	2003-02 (Summer)		< 50.0	8.7 J	337	< 4.0	< 5.0	< 10.0	< 10.0	1.0 J	< 10.0	2,030	< 0.40	< 50.0	1.6 J	< 20.0	< 10.0	< 50.0	< 50.0	2.8 J	< 200	8,620	110	185	59.6	950 J
	2003-01 (Spring)		< 1.0	7.5	300	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 30	1,900	< 0.20	< 20.0	< 20.0	2.4 J	< 5.0	< 1.0	< 10.0	0.99 J	< 100	8,300	110	190	61.0 J	1,200
	2002-04 (Winter)		< 50.0	5.3	380	< 2.0	< 5.0	< 10.0	0.50 J	1.1 J	0.051 J	2,400	< 0.20	1.3 J	2.4 J	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	< 100	8,900	130	220	73.0	1,400
	2002-03 (Fall)		0.082 J	5.7	230	< 2.0	< 5.0	< 10.0	0.48 J	< 10.0	< 30	2,000	< 0.20	1.2 J	2.1 J	< 5.0	< 5.0	< 2.0	< 10.0 UJ	< 20.0	< 100	3,100	110	190	63.0	1,200
	2002-02 (Summer)		< 50.0	4.5 J	280	< 2.0	< 5.0	10.0 J	< 10.0	0.95 J	< 30	2,000	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 2.0	2.3 J	< 26.0	< 100	6,300	100	200	66.0	1,300
MW27-B	2004-04 (Winter)		< 1.0	33.0	490	< 2.0	< 5.0	< 10.0	0.73 J	3.2 J	0.35 J	5,800	< 0.20	< 20.0	3.4 J	< 5.0	< 5.0	< 5.0	< 10.0	12.0 J	< 100	16,000	270	570	65.0	3,300
	2004-02 (Summer)		0.090 J	34.0	460	< 1.0	< 1.0	< 1.3	0.87 J	2.5	0.050 J	5,700	< 0.20	< 5.0	4.1	< 1.0	< 1.0	< 1.0	< 10.0	< 1.0	< 50.0	17,000	310	650	68.0	3,900
	2003-04 (Winter)		< 5.0	39.7 J	431	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	5,310	< 0.40	14.0 J	< 20.0	< 20.0	< 10.0	< 25.0 UJ	< 50.0	< 20.0	< 200	14,700	265	592	79.2	3,540
	2003-02 (Summer)		< 50.0	48.3 J	487	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	5,320	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	12,800	277	567	54.2 J	2,780
	2002-04 (Winter)		< 50.0	42.0	400	< 2.0	< 5.0	< 10.0	0.53 J	2.2 J	0.036 J	4,600	< 0.20	2.1 J	2.6 J	18.0	< 5.0	< 2.0	< 10.0	< 20.0	4.5 J	9,700	230	490	54.0	2,800
	2002-02 (Summer)		< 50.0	40.0	500	< 2.0	< 5.0	5.6 J	< 10.0	2.6 J	< 30	5,600	< 0.20	< 20.0	< 20.0	< 5.0	0.92 J	< 2.0	1.3 J	260	< 100	11,000	260	550	63.0	3,000
MW27-C	2004-04 (Winter)		< 1.0	< 5.0	80.0 J	< 2.0	< 5.0	< 10.0	1.3	4.4 J	0.37 J	6,900	0.065 J	< 20.0	4.3 J	< 5.0	< 5.0	< 5.0	< 10.0	17.0 J	< 100	2,700	400	830	100	4,500
	2004-02 (Summer)		0.18 J	< 1.0	80.0	< 1.0	< 1.0	< 1.5	1.8	6.2	0.078 J	6,800	< 0.20	< 5.0	7.3	< 1.0	< 1.0	< 1.0	6.7 J	< 1.0	< 50.0	3,800	420	880	110	4,500
	2003-04 (Winter)		< 5.0	5.9 J	73.9 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	6,190	0.25 J	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	2,880	382	837	123	4,520
	2003-02 (Summer)		< 50.0	8.7 J	72.1 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	6,280	< 0.40	< 50.0	1.7 J	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	2,220	378	780	83.9	3,510 J
	2002-04 (Winter)		< 50.0	11.0	88.0	< 2.0	< 5.0	< 10.0	1.3 J	2.7 J	0.090 J	6,400	< 0.20	2.2 J	3.4 J	22.0	< 5.0	< 2.0	< 10.0	< 20.0	< 100	3,200	370	780	87.0	4,000
	2002-02 (Summer)		< 50.0	6.0	75.0 J	< 2.0	< 5.0	3.6 J	< 10.0	2.8 J	< 30	6,100	< 0.20	< 20.0	< 20.0	< 5.0	3.5 J	< 2.0	1.1 J	< 20.0	< 100	2,500	390	830 J	95.0	4,200
MW28-C	2004-04 (Winter)		0.071 J	< 5.0	230	< 2.0	< 5.0	0.38 J	0.89 J	5.5 J	0.48 J	6,600	< 0.20	1.6 J	5.1 J	< 5.0	< 5.0	< 5.0	< 10.0	23.0	0.96 J	5,900	640 J	930 J	110	5,600
	2004-02 (Summer)		< 1.0	< 1.0	180	< 1.0	< 1.0	< 10.0	1.2	6.1	0.60 J	6,100	< 0.20	< 5.0	8.2	< 1.0	< 1.0	< 1.0	< 100	< 200	< 50.0	8,500	610	900	120	5,600
	2004-01 (Spring)		< 5.0	< 50.0	133	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	5,960	< 1.0	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0	< 50.0	< 20.0	< 200	5,830	480	1,090	129 J	6,140
	2003-04 (Winter)		< 5.0	< 50.0	164	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	5,560	< 0.40	12.2 J	< 20.0	< 20.0	< 10.0	< 25.0 UJ	< 50.0	< 20.0	< 200	5,420	476	880	135	5,590
	2003-03 (Fall)		< 25.0 UJ	14.5 J	249	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	6,670	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	5,760	635	984	112 J	4,930 J
	2003-02 (Summer)		< 50.0	16.5 J	184	< 4.0	0.54 J	< 10.0	< 10.0	< 10.0	< 10.0	6,870	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	6,230	598	1,020	117 J	5,040
	2003-01 (Spring)		< 1.0	< 5.0	200	< 2.0	< 5.0	< 10.0	< 10.0	3.1 J	< 30	6,800	< 0.20	< 20.0	4.7 J	< 5.0	< 5.0	< 1.0	< 10.0	< 20.0	< 100	7,700	620	1,100	100	5,800
	2002-04 (Winter)		< 50.0	15.0 J	< 270	< 2.0	< 5.0	< 10.0 UJ	0.47 J	3.3 J	0.035 J	6,500	< 0.20	1.5 J	2.7 J	28.0 J	< 5.0	< 2.0	< 10.0 UJ	< 20.0	< 100	6,100 J	660	950	110	5,600
	2002-03 (Fall)		< 50.0	< 5.0	200	< 2.0	< 5.0	< 10.0	0.59 J	< 10.0	< 30	5,400	< 0.20	2.1 J	3.7 J	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	< 100	7,200	620	940	100	5,300
	2002-02 (Summer)		< 50.0	0.52 J	150	< 2.0	< 5.0	2.9 J	< 10.0	4.2 J	< 30	6,100	< 0.20	< 20.0	< 20.0	< 5.0	1.5 J	< 2.0	1.3 J	< 20.0	< 100	6,300	530	1,000	110	5,700
MW30-C	2004-04 (Winter)		< 1.0	< 5.0	57.0	< 2.0	< 5.0	0.37 J	0.92 J	5.3 J	0.34 J	4,800	< 0.20	4.1 J	4.9 J	< 5.0	< 5.0	< 5.0	< 10.0	19.0 J	1.2 J	1,300	370 J	1,100 J	180	8,800
	2004-02 (Summer)		0.15 J	< 1.0	58.0	< 1.0	< 1.0	2.1	1.2	3.8	0.56 J	5,000	< 0.20	< 5.0	9.2	< 1.0	< 1.0	< 1.0	< 10.0	< 1.0	< 50.0	1,700	380	1,100	190	8,400
	2003-04 (Winter)		< 5.0	< 50.0	51.4 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	3,580	< 0.40	26.0 J	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	435	332	962	225	8,750
	2003-02 (Summer)		< 50.0	6.6 J	58.5 J	< 4.0	0.63 J	< 10.0	1.9 J	< 10.0	< 10.0	4,450	< 0.40	5.5 J	< 20.0	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	475	407	1,110	190 J	7,120

SWBZ

Table 1-5

Groundwater Sample Analytical Results at IR Sites 1 and 32: Dissolved Metals and Total Cyanide

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																		Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number		Event AWQC:	NA	36.0	NA	NA	8.8	NA	NA	3.1	8.1	NA	0.94	NA	8.2	71.0	1.9	NA	NA	81.0	NA	NA	NA	NA	NA	NA
SVBZ	MW30-C	2002 04 (Winter)	< 50.0	< 5.0	69.0	< 2.0	< 5.0	< 10.0	1.5 J	9.1 J	0.071 J	3,500	< 0.20	4.9 J	9.1 J	54.0	< 5.0	< 2.0	4.4 J	< 20.0	4.9 J	2,100	370	980	170	7,700
		2002 02 (Summer)	< 50.0	< 5.0	53.0	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 30	3,900	0.27	< 20.0	< 20.0	< 5.0	< 5.0	< 2.0	6.8 J	< 20.0	< 100 UJ	370	390	1,000	150	8,100
	MW31-C	2004 04 (Winter)	< 10	< 5.0	170	< 2.0	< 5.0	< 10.0	0.92 J	5.3 J	0.18 J	6,400	< 0.20	< 20.0	4.8 J	< 5.0	< 5.0	< 5.0	< 10.0	29.0	< 100	2,700	540	920	120	5,600
		2004 02 (Summer)	0.18 J	< 10	120	< 10	< 10	< 14 UJ	1.0	5.8	0.20 J	5,900	< 0.20	1.1 J	4.3	< 10 J	< 10	< 10	< 10.0	< 10	< 50.0	2,600	510	900	100	5,600
		2003 04 (Winter)	< 5.0	< 50.0	126	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	5,330	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	2,110	449	830	129	3,440
		2003 02 (Summer)	< 50.0	8.3 J	130	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	7,090	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	2,980	582	1,060	124 J	5,040
		2002 04 (Winter)	< 50.0	9.7 J	99.0	< 2.0	< 5.0	< 10.0 UJ	0.64 J	2.6 J	0.048 J	6,800	< 0.20	1.4 J	3.8 J	27.0 J	< 5.0	< 2.0	< 10.0 UJ	< 20.0	< 100	2,400 J	510	960	110	6,200
		2002 02 (Summer)	< 50.0	0.94 J	92.0	< 2.0	< 5.0	2.8 J	< 10.0	3.6 J	< 30	5,700	< 0.20	< 20.0	< 20.0	< 5.0	1.6 J	< 2.0	1.1 J	470	< 100	2,900	450	860	100	5,000

Table 1-6

Groundwater Sample Analytical Results at IR Sites 1 and 32: Polychlorinated Biphenyls

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

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Table 1-6
Groundwater Sample Analytical Results at IR Sites 1 and 32: Polychlorinated Biphenyls
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Polychlorinated Biphenyls (PCBs)							
			Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs (Calculated)
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030
FWBZ	M001-A	2004 04 (Winter)	< 0.48	< 0.95	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	-
		2004 02 (Summer)	< 0.47	< 0.94	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.94
		2004 01 (Spring)	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48
	M002-A	2004 04 (Winter)	< 0.47	< 0.94	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	-
		2004 02 (Summer)	< 0.48	< 0.95	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.95
		2004 01 (Spring)	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49
	M003-A	2004 04 (Winter)	< 0.47	< 0.94	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	-
		2004 02 (Summer)	< 0.47	< 0.94	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.94
		2004 01 (Spring)	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48
	M025-A	2004 04 (Winter)	< 0.49	< 0.97	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	-
		2004 02 (Summer)	< 0.47	< 0.94	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.94
		2004 01 (Spring)	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48
	M027-A	2004 04 (Winter)	< 0.48	< 0.96	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	-
		2004 02 (Summer)	< 0.48	< 0.95	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.95
		2004 01 (Spring)	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47
	M028-A	2004 04 (Winter)	< 0.49	< 0.98	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	-
		2004 02 (Summer)	< 0.48	< 0.95	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.95
		2004 01 (Spring)	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47
	M028-E	2004 04 (Winter)	< 0.49	< 0.98	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	-
		2004 02 (Summer)	< 0.48	< 0.95	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.95
		2004 01 (Spring)	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48
	M030-A	2004 04 (Winter)	< 0.47	< 0.94	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	-
		2004 02 (Summer)	< 0.48	< 0.95	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.95
		2004 01 (Spring)	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48

Table 1-7

Groundwater Sample Analytical Results at IR Sites 1 and 32: Organochlorine Pesticides

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

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Table 1-7

Groundwater Sample Analytical Results at IR Sites 1 and 32: Organochlorine Pesticides

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Organochlorine Pesticides																				
			Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan Sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	0. 20	0. 10	0. 10	NA	NA	NA	NA	NA	NA	NA	2. 0	2. 0	2. 0	0. 010	0. 010	30. 0	3. 0
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	1. 3	NA	NA	NA	0. 16	0. 0040	0. 0040	NA	NA	0. 0010	0. 0019	0. 0087	0. 0087	NA	0. 0023	NA	NA	0. 0036	0. 0036	NA	0. 0002
M001-A	2004 04 (Winter)		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.050	< 0.50	< 0.90
	2004 02 (Summer)		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
	2004 01 (Spring)		< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48	< 4.8
M002-A	2004 04 (Winter)		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.050	< 0.50	< 0.90
	2004 02 (Summer)		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
	2004 01 (Spring)		< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.49	< 4.9
M003-A	2004 04 (Winter)		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.050	< 0.50	< 0.90
	2004 02 (Summer)		< 0.050	< 0.050 J	< 0.050	< 0.050	< 0.050 J	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
	2004 01 (Spring)		< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48	< 4.8
M025-A	2004 04 (Winter)		< 0.050	< 0.050	< 0.050	**0. 0070 J**	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
	2004 02 (Summer)		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.050	< 0.50	< 0.90
	2004 01 (Spring)		< 0.040	**0. 014 J**	**0. 083**	< 0.040	**0. 015 J**	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48	< 4.8
FWBZ M027-A	2004 04 (Winter)		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
	2004 02 (Summer)		< 0.050	< 0.050 J	< 0.050	< 0.050	< 0.050 J	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
	2004 01 (Spring)		< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47	< 4.7
M028-A	2004 04 (Winter)		< 0.050	**0. 040 J**	< 0.050	**0. 010 J**	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	**0. 0060 J**	**0. 020 J**	< 0.50	< 1.0
	2004 02 (Summer)		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
	2004 01 (Spring)		< 0.040	< 0.040	**0. 098**	**0. 015 J**	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47	< 4.7
M028-E	2004 04 (Winter)		< 0.050	**0. 030 J**	**0. 020 J**	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	**0. 080 J**	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
	2004 02 (Summer)		< 0.050	< 0.050 J	**0. 060**	< 0.050	< 0.050 J	< 0.050	< 0.050	< 0.10	**0. 040 J**	**0. 030 J**	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	**0. 010 J**	< 0.050	< 0.50	< 1.0
	2004 01 (Spring)		**0. 14**	**0. 084**	**2. 4**	**0. 054**	**0. 031 J**	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	**0. 069 J**	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48	< 4.8
M030-A	2004 04 (Winter)		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	**0. 070 J**	< 0.050	< 0.050	< 0.50	< 0.90
	2004 02 (Summer)		< 0.050	< 0.050 J	< 0.050	< 0.050	< 0.050 J	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
	2004 01 (Spring)		< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48	< 4.8

Table 1-8

Groundwater Sample Analytical Results at IR Sites 1 and 32: Radionuclides

Summer 2002 through Winter 2004

**Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California**

**Innovative
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Table 1-8
Groundwater Sample Analytical Results at IR Sites 1 and 32: Radionuclides
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Gross Alpha/Beta		Gamma Emitting Radionuclides														Ra 228	RAD Sr	Radium	Tritium	Uranium Isotopes		
			Gross Alpha	Gross Beta	Actinium 228	Bismuth 212	Bismuth 214	Cesium 137	Cobalt 60	Lead 210	Lead 212	Lead 214	Potassium 40	Protactinium 234	Radium 226	Thallium 208	Thorium 234	Uranium 235	Radium (Ra) 228	Strontium (Sr) Total	Radium	Tritium	Uranium 233 and 234	Uranium 235	Uranium 238
		Units:	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L	PCI/L	pCi/L	pCi/L	pCi/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L	PCI/L	PCI/L	PCI/L
		MCL:	15.0	50.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0	5.0	8.0	NA	20,000	NA	20.0	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M001-A	2004 04 (Winter)	< 3.0	12.6 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0 UJ	-	< 0.50	< 500	-	-	-
		2004 02 (Summer)	< 3.0	12.6	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.50	< 500	< 0.50	< 50.0	< 0.50
		2004 01 (Spring)	< 0.96	14.4	< 20.8	< 33.7	< 9.7	< 5.4	-	< 335	< 7.0	< 8.8	< 87.1	< 577	< 70.8	< 5.1	< 108	< 0.030	< 0.82	< 0.78	< 0.13	< 177	0.069	< 0.030	0.088
		2003 04 (Winter)	< 1.5	22.9	< 66.9	< 127	95.9	-	-	< 652	< 21.3	74.7	< 373	< 1,310	546	< 48.3	< 228	< 0.25	< 3.7	< 2.2	< 0.60	< 173	< 0.25	< 0.25	< 0.16
		2003 03 (Fall)	< 2.4	30.2	< 30.8	< 134	< 40.0	-	-	< 115	< 36.5	< 35.2	< 192	< 2,340	< 185	< 52.2	< 242	< 0.14	< 2.8	< 2.0	1.2	< 183	< 0.14	< 0.14	< 0.14
		2003 02 (Summer)	< 2.3	21.1	< 78.8	< 208	54.5	-	-	< 744	< 18.8	< 44.5	597	< 1,970	< 215	< 27.8	< 102	< 26.3	< 3.7	< 2.2	< 1.8	< 178	-	< 26.3	-
		2003 01 (Spring)	< 2.3 UJ	15.2	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 5.6	< 1.8	< 1.2	< 182	-	< 77.0	-
		2002 04 (Winter)	< 0.87 UJ	11.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.90	-	-	-	-
		2002 03 (Fall)	1.8	37.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.25 UJ	-	-	-	-
		2002 02 (Summer)	< 0.67	11.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.20	-	-	-	-
	M001-E	2004 04 (Winter)	< 3.0	11.4 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0 UJ	-	0.20 J	< 500	-	-	-
		2004 02 (Summer)	< 3.0	21.7	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.50	< 500	< 0.50	< 50.0	< 0.50
		2004 01 (Spring)	< 2.4	44.3	< 30.3	< 86.3	31.6	-	-	< 260	< 10.0	< 12.0	217	< 983	< 100	< 25.1	< 64.5	< 0.050	< 1.1	< 2.2	< 1.0	< 184	< 0.15	< 0.050	< 0.093
		2003 04 (Winter)	< 2.9	48.9	< 32.9	< 143	76.4	-	-	< 771	< 29.3	42.5	573	< 1,210	390	< 46.2	< 309	< 0.14	< 4.4	< 2.4	< 0.98	< 169	< 0.14	< 0.14	< 0.14
		2003 03 (Fall)	< 4.2	47.2	< 61.5	< 215	< 24.3	-	-	< 311	< 36.1	< 42.4	< 233	< 1,680	< 129	< 53.1	< 51.0	< 0.23	< 3.7	< 2.2	< 0.60	< 182	< 0.13	< 0.23	< 0.13
		2003 02 (Summer)	< 2.2	36.2	< 49.5	< 110	< 66.0	-	-	< 699	< 24.1	< 26.9	< 309	< 1,130	< 201	< 38.8	< 188	< 103	3.3	< 1.8	< 0.77	< 168	-	< 103	-
		2003 01 (Spring)	< 3.8 UJ	38.5	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 4.4	< 1.8	< 1.1	< 181	-	< 77.0	-
		2002 04 (Winter)	< 3.0 UJ	40.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 1.0	-	-	-	-
		2002 03 (Fall)	1.2	29.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.12 UJ	-	-	-	-
		2002 02 (Summer)	< 2.4	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.060	-	-	-	-
	M002-A	2004 04 (Winter)	< 3.0	8.9 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0 UJ	-	< 0.50	< 500	-	-	-
		2004 02 (Summer)	6.7	20.8	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.50	< 500	1.3	< 50.0	< 250
		2004 01 (Spring)	< 1.3	13.9	< 13.1	< 28.2	< 13.6	< 3.3	-	< 226	< 10.4	< 12.7	< 126	< 431	< 52.4	< 3.4	< 157	< 0.20	< 0.75	< 0.36	< 0.15	< 177	1.3	< 0.20	0.88
		2003 04 (Winter)	< 1.0	11.5	< 47.0	< 138	78.2	-	-	< 633	< 19.5	58.5	< 231	< 1,930	556	< 23.3	< 315	< 0.14	< 3.4	< 1.9	< 0.64	< 170	< 0.63	< 0.14	< 0.57
		2003 03 (Fall)	< 6.0	36.5	< 73.8	< 202	< 65.9	-	-	< 253	< 20.8	< 39.4	< 330	< 1,490	< 194	< 53.0	< 90.0	< 0.16	< 3.8	< 1.9	< 0.77	< 182	< 0.31	< 0.16	0.56
		2003 02 (Summer)	< 3.4	21.5	< 23.0	< 152	51.9	-	-	< 707	< 14.5	< 40.1	< 274	< 1,410	< 92.1	< 40.5	< 201	< 44.2	< 5.1	< 2.0	< 1.3	< 184	-	< 44.2	-
		2003 01 (Spring)	< 2.5 UJ	14.3	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 5.0	< 1.7	< 1.2	< 181	-	< 77.0	-
		2002 04 (Winter)	< 2.7 UJ	12.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 1.0	-	-	-	-
		2002 03 (Fall)	3.6	29.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.050	-	-	-	-
		2002 02 (Summer)	3.3	22.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.28	-	-	-	-
	M003-A	2004 04 (Winter)	< 3.0	4.3 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0 UJ	-	< 0.50	< 500	-	-	-
		2004 02 (Summer)	< 3.0	4.8	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.50	< 500	< 0.50	< 50.0	< 0.50
		2004 01 (Spring)	< 0.38	4.8	< 17.3	< 31.3	< 9.1	< 4.9	-	< 87.2	< 7.1	< 9.3	< 49.0	< 517	< 68.4	< 4.5	< 90.0	< 0.028	< 0.88	< 0.76	< 0.23	< 174	0.40	< 0.028	0.41
		2003 04 (Winter)	< 0.58 UJ	5.4	< 56.1	< 94.9	< 6.0	-	-	< 633	< 26.4	< 31.2	< 193	< 1,130	< 314	< 45.6	< 287	< 0.16	< 3.2	< 1.9	< 0.57	< 174	< 0.54	< 0.16	0.55
		2003 03 (Fall)	< 1.2	5.8	< 74.0	< 229	< 49.5	-	-	< 300	< 36.7	< 37.4	< 225	< 1,660	< 85.0	< 37.4	< 140	< 0.25	< 4.2	< 1.9	< 0.74	< 182	0.66	< 0.25	0.99
		2003 02 (Summer)	< 1.0	4.2	< 46.7	< 164	61.8	-	-	< 585	< 19.4	< 27.1	< 266	< 1,470	< 292	< 45.3	< 48.4	< 68.7	< 3.4	< 1.8	< 1.1	< 190	-	< 68.7	-
		2003 01 (Spring)	< 2.2 UJ	4.0	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 3.9	< 2.3	< 0.93	< 171	-	< 77.0	-
		2002 04 (Winter)	1.4 J	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.62	-	-	-	-

Innovative Technical Solutions, Inc.

Table 1-8
Groundwater Sample Analytical Results at IR Sites 1 and 32: Radionuclides
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Gross Alpha/Beta		Gamma Emitting Radionuclides														Ra 228	RAD Sr	Radium	Tritium	Uranium Isotopes		
			Gross Alpha	Gross Beta	Actinium 228	Bismuth 212	Bismuth 214	Cesium 137	Cobalt 60	Lead 210	Lead 212	Lead 214	Potassium 40	Protactinium 234	Radium 226	Thallium 208	Thorium 234	Uranium 235	Radium (Ra) 228	Strontium (Sr) Total	Radium	Tritium	Uranium 233 and 234	Uranium 235	Uranium 238
		Units:	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L	PCI/L	pCi/L	pCi/L	pCi/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L	PCI/L	PCI/L	PCI/L
		MCL:	15.0	50.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0	5.0	8.0	NA	20,000	NA	20.0	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M003-A	2002 03 (Fall)	2.9	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.40 UJ	-	-	-	-
		2002 02 (Summer)	3.3	5.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.070	-	-	-	-
	M004-A	2004 04 (Winter)	< 3.0	15.7 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.6 J	-	< 0.50	< 500	-	-	-
		2004 02 (Summer)	< 3.0	15.7	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.50	< 500	< 0.57	< 50.0	< 0.50
		2003 04 (Winter)	< 1.7	17.1	< 48.3	< 108	59.6	-	-	< 691	< 16.8	< 28.1	< 296	< 1,020	394	< 41.2	< 270	< 0.13	< 4.2	< 2.2	< 0.59	< 169	< 0.64	< 0.13	0.44
		2003 02 (Summer)	< 1.7	17.6	< 54.5	< 218	< 60.3	-	-	< 692	< 26.7	< 36.8	433	< 1,340	< 313	< 32.7	< 134	< 77.3	< 3.2	< 2.0	< 1.6	< 209	-	< 77.3	-
		2002 04 (Winter)	2.1 J	13.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.63	-	-	-	-
		2002 02 (Summer)	2.8	19.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.069	-	-	-	-
	M005-A	2004 04 (Winter)	< 3.0	31.5 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	< 0.50	< 500	-	-	-
	M006-A	2004 04 (Winter)	< 3.0	13.7 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.2 J	-	< 0.50	< 500	-	-	-
		2004 02 (Summer)	< 3.0	7.2	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.50	< 500	< 0.50	< 50.0	< 0.50
		2003 04 (Winter)	< 1.6	15.2	< 60.3	< 164	58.2	-	-	< 535	< 13.1	< 17.4	< 148	< 1,240	437	< 30.2	< 319	< 0.15	< 2.7	< 2.0	< 0.56	< 171	< 0.17	< 0.15	< 0.17
		2003 02 (Summer)	< 1.2	12.9	< 43.1	< 127	< 31.0	-	-	< 632	< 26.3	< 47.7	448	< 1,840	< 462	< 51.9	< 29.3	< 57.2	< 3.9	< 2.3	< 2.1	< 186	-	< 57.2	-
		2002 04 (Winter)	< 1.5 UJ	14.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 1.1	-	-	-	-
		2002 02 (Summer)	2.7	9.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.060	-	-	-	-
	M007-A	2004 04 (Winter)	< 3.0	6.2 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.9 J	-	< 0.50	< 500	-	-	-
		2004 02 (Summer)	< 3.0	5.7	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.50	< 500	< 0.50	< 50.0	< 0.50
		2003 04 (Winter)	< 0.76	11.2	< 54.2	< 194	62.2	-	-	< 606	< 19.9	< 33.8	< 301	< 1,380	391	< 44.0	< 196	< 0.13	< 4.1	< 2.0	1.5	< 170	< 0.13	< 0.13	< 0.13
		2003 02 (Summer)	< 1.2	9.3	< 40.8	< 110	50.6	-	-	< 636	< 32.4	< 28.0	< 301	< 1,560	< 515	< 50.7	< 217	< 49.2	< 3.2	< 2.2	< 1.7	< 182	-	< 49.2	-
		2002 04 (Winter)	< 0.90 UJ	7.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 1.1	-	-	-	-
		2002 02 (Summer)	< 2.9	12.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.060	-	-	-	-
	M025-A	2004 04 (Winter)	< 3.0	102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	0.95	< 500	-	-	-
		2004 02 (Summer)	< 3.0 UJ	28.0	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	1.8	< 500	< 0.50	< 50.0	< 0.50
		2003 04 (Winter)	< 11.9 UJ	77.3	< 59.5	< 102	< 12.0	-	-	< 699	< 19.2	< 43.6	< 148	< 1,740	< 191	< 46.2	< 211	< 0.15	< 3.5	< 2.2	1.6	< 175	< 0.26	< 0.15	< 0.26
		2003 02 (Summer)	< 3.8	29.2	< 26.3	< 203	45.7	-	-	< 628	< 27.5	< 22.5	865	< 323	< 551	< 28.7	< 84.5	< 3.8	< 4.0	< 2.3	3.7	< 144	-	< 3.8	-
		2002 04 (Winter)	< 14.6 UJ	75.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 1.2	-	-	-	-
		2002 02 (Summer)	1.3	< 2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.27	-	-	-	-
	M026-A	2004 04 (Winter)	< 3.0	121 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	< 0.50	< 500	-	-	-
		2004 02 (Summer)	< 34.0	210	< 44.0	< 134	< 23.0 UJ	< 8.0	< 10.5	-	< 15.1	< 20.0 UJ	< 150	-	-	< 11.2	< 103	< 0.20	< 0.75	< 0.64	< 0.16	< 380	0.73	< 0.20	0.61
		2003 04 (Winter)	< 64.1 UJ	243	< 52.2	< 95.5	< 5.0	-	-	< 695	< 37.1	< 36.2	< 21.0	< 1,660	< 345	< 36.0	< 214	< 0.28	< 3.5	< 1.9	< 0.55	< 173	< 1.5	< 0.28	0.80
		2003 02 (Summer)	< 45.0	190	< 32.4	< 148	< 44.0	-	-	< 820	< 29.2	< 32.1	< 271	< 1,800	< 677	< 63.1	< 2.2	< 54.4	< 3.8	< 2.0	< 2.1	< 178	-	< 54.4	-
		2002 04 (Winter)	< 10.0 UJ	59.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.67	-	-	-	-
		2002 02 (Summer)	< 0.70	271	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.060	-	-	-	-
	M026-E	2004 04 (Winter)	< 3.0	106 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	0.48 J	< 500	-	-	-
		2004 02 (Summer)	< 9.6	40.0	< 31.0	< 114	< 22.0 UJ	< 7.9	< 9.2	-	< 12.8	< 20.0 UJ	< 120	-	-	< 7.2	< 126	< 0.20	< 0.81	< 0.49	< 0.18	< 380	< 0.20	< 0.20	< 0.20
		2003 04 (Winter)	< 55.8	188	< 52.5	< 212	59.5	-	-	< 650	< 16.3	< 31.3	< 228	< 1,710	511	< 54.2	0.0000	< 0.30	< 4.4	< 1.8	< 0.98	< 169	< 0.15	< 0.30	< 0.15
		2003 02 (Summer)	< 7.6	34.0	< 55.1	< 106	32.0	-	-	< 679	< 17.7	< 42.4	622	< 1,040	< 211	< 30.2	< 180	< 83.6	< 3.5	< 2.0	< 2.3	< 180	-	< 83.6	-
		2002 04 (Winter)	< 38.3 UJ	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	-	-	-	-

Table 1-8
Groundwater Sample Analytical Results at IR Sites 1 and 32: Radionuclides
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Gross Alpha/Beta		Gamma Emitting Radionuclides														Ra 228	RAD Sr	Radium	Tritium	Uranium Isotopes		
			Gross Alpha	Gross Beta	Actinium 228	Bismuth 212	Bismuth 214	Cesium 137	Cobalt 60	Lead 210	Lead 212	Lead 214	Potassium 40	Protactinium 234	Radium 226	Thallium 208	Thorium 234	Uranium 235	Radium (Ra) 228	Strontium (Sr) Total	Radium	Tritium	Uranium 233 and 234	Uranium 235	Uranium 238
		Units:	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L	PCI/L	pCi/L	pCi/L	pCi/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L	PCI/L	PCI/L	PCI/L
		MCL:	15.0	50.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0	5.0	8.0	NA	20,000	NA	20.0	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M026-E	2002 02 (Summer)		< 0.14	64.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.87	-	-	-	-
M027-A	2004 04 (Winter)		< 3.0	33.7 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	0.27 J	< 500	-	-	-
	2004 02 (Summer)		< 3.0	20.6	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.50	< 500	< 0.50	< 50.0	< 0.50
	2004 01 (Spring)		< 2.7	48.4	< 11.6	< 22.8	< 5.8	< 3.0	-	106	< 4.8	< 6.2	< 34.5	< 352	< 46.2	< 3.0	< 61.0	< 0.020	< 0.82	< 0.63	0.24	< 170	0.21	< 0.020	0.14
	2003 04 (Winter)		< 5.6 UJ	44.1	< 53.9	< 112	< 14.0	-	-	< 703	< 26.9	< 32.7	443	< 2,100	< 227	< 35.3	< 115	< 0.16	< 4.0	< 2.1	0.80	< 176	< 0.36	< 0.16	< 0.18
	2003 03 (Fall)		< 3.2	47.5	< 37.8	< 154	< 14.0	-	-	< 199	< 34.0	< 43.8	< 213	< 1,970	< 294	< 25.5	< 69.0	< 0.15	< 3.8	< 1.9	1.2	< 181	< 0.27	< 0.15	< 0.35
	2003 02 (Summer)		< 4.4	41.2	< 50.4	< 207	< 49.3	-	-	< 692	< 26.3	< 23.3	< 214	< 1,400	< 309	< 49.8	< 109	< 91.4	< 3.5	< 2.2	< 3.2	< 188	-	< 91.4	-
	2003 01 (Spring)		< 5.7 UJ	40.6	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 5.3	< 1.9	< 1.3	< 179	-	< 77.0	-
	2002 04 (Winter)		< 1.8 UJ	33.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 1.3	-	-	-	-
	2002 03 (Fall)		1.9	58.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.37 UJ	-	-	-	-
	2002 02 (Summer)		7.5	30.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.13	-	-	-	-
M028-A	2004 04 (Winter)		< 3.0	24.1 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0 UJ	-	0.60	< 500	-	-	-
	2004 02 (Summer)		< 3.0	31.6	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.54	< 500	< 0.50	< 50.0	< 0.50
	2004 01 (Spring)		< 0.91	20.3	< 9.7	< 18.7	< 4.2	< 2.3	-	< 277	< 3.4	< 4.1	< 32.8	< 295	< 35.4	< 2.3	< 63.8	< 0.020	< 0.86	< 0.65	0.50	< 169	< 0.028	< 0.020	< 0.034
	2003 04 (Winter)		< 1.5 UJ	28.6	< 52.4	< 159	< 15.8	-	-	< 532	< 23.1	< 22.7	< 103	< 1,250	< 392	< 12.0	< 267	< 0.15	< 3.4	< 1.7	1.3	< 173	< 0.15	< 0.15	< 0.15
	2003 03 (Fall)		2.7	49.8	< 52.7	< 168	< 37.2	-	-	< 191	< 17.0	< 30.0	< 205	< 1,230	< 109	< 56.8	< 255	< 0.14	< 3.5	< 1.8	1.3	< 160	< 0.24	< 0.14	< 0.14
	2003 02 (Summer)		< 1.1	29.7	< 53.4	< 152	< 42.0	-	-	< 731	< 17.5	< 32.6	413	< 1,530	< 581	< 83.6	< 131	< 40.7	< 2.9	< 1.6	< 1.0	< 179	-	< 40.7	-
	2003 01 (Spring)		< 1.6 UJ	23.4	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 4.3	< 1.9	1.9	< 178	-	< 77.0	-
FWBZ	2002 04 (Winter)		< 1.2 UJ	22.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.76	-	-	-	-
	2002 03 (Fall)		2.9	44.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.87 J	-	-	-	-
	2002 02 (Summer)		< 0.89	30.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.67	-	-	-	-
M028-E	2004 04 (Winter)		< 3.0	30.1 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0 UJ	-	0.24 J	< 500	-	-	-
	2004 02 (Summer)		< 3.0	39.9	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.50	< 500	< 0.50	< 50.0	< 0.50
	2004 01 (Spring)		< 1.0	35.5	< 17.8	< 32.0	< 7.6	< 3.6	-	< 875	< 6.1	< 7.1	< 76.7	< 501	< 62.4	< 4.0	< 125	< 0.020	1.9	< 0.78	0.16	< 174	< 0.030	< 0.020	< 0.020
	2003 04 (Winter)		< 3.4 UJ	41.3	< 46.6	< 196	< 19.0	-	-	< 758	< 27.2	< 53.5	< 219	< 2,100	< 202	< 31.0	< 170	< 0.12	< 4.1	< 2.1	< 0.53	< 162	< 0.12	< 0.12	< 0.12
	2003 03 (Fall)		< 4.7	52.3	< 61.8	< 149	< 38.1	-	-	< 231	< 28.0	< 39.7	< 180	< 1,830	< 22.0	< 50.2	< 435	< 0.13	< 3.5	< 1.9	< 1.1	< 182	< 0.23	< 0.13	< 0.13
	2003 02 (Summer)		< 2.8	47.0	< 48.9	< 208	< 47.3	-	-	< 697	< 35.5	< 20.0	610	< 929	< 126	< 53.9	< 215	< 61.7	< 3.0	< 1.6	< 0.82	< 176	-	< 61.7	-
	2003 01 (Spring)		< 2.2 UJ	40.0	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 5.9	< 1.8	< 0.73	< 182	-	< 77.0	-
	2002 04 (Winter)		< 1.5 UJ	36.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.94	-	-	-	-
M029-A	2004 04 (Winter)		< 3.0	14.0 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0 UJ	-	< 0.50	< 500	-	-	-
	2004 02 (Summer)		< 3.0	19.9	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.50	< 500	< 0.50	< 50.0	< 0.50
	2004 01 (Spring)		< 1.6	22.2	< 22.6	< 75.0	20.8	-	-	< 264	< 8.9	32.2	< 132	< 868	< 146	< 23.4	< 108	< 0.050	< 0.98	< 2.0	< 0.96	< 181	< 0.41	< 0.050	0.20
	2003 04 (Winter)		< 2.0 UJ	28.5	< 51.6	< 53.4	< 28.0	-	-	< 672	< 11.0	< 41.4	< 396	< 1,940	< 303	< 54.3	< 271	< 0.13	< 3.8	< 2.3	< 0.63	< 179	< 0.13	< 0.13	< 0.13
	2003 03 (Fall)		< 1.1	28.5 J	< 68.5	< 26.1	< 66.6	-	-	< 525	< 19.5	< 44.6	< 90.0 UJ	< 1,490	< 326	< 22.9	< 162	< 0.12	< 4.1	< 1.8	< 1.2	< 219	< 0.12	< 0.12	< 0.12
	2003 02 (Summer)		< 1.4	26.2	< 58.2	< 87.6	< 83.4	-	-	< 634	< 22.0	< 19.7	419	< 2,170	< 196	< 32.6	< 113	< 80.3	< 2.8	< 1.7	< 0.99	< 180	-	< 80.3	-
	2003 01 (Spring)		< 1.9 UJ	25.1	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 3.9	< 1.8	< 0.94	< 179	-	< 77.0	-
	2002 04 (Winter)		< 1.4 UJ	26.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.83	-	-	-	-
	2002 03 (Fall)		< 0.77	30.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.25 UJ	-	-	-	-

Table 1-8
Groundwater Sample Analytical Results at IR Sites 1 and 32: Radionuclides
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Gross Alpha/Beta		Gamma Emitting Radionuclides														Ra 228	RAD Sr	Radium	Tritium	Uranium Isotopes		
			Gross Alpha	Gross Beta	Actinium 228	Bismuth 212	Bismuth 214	Cesium 137	Cobalt 60	Lead 210	Lead 212	Lead 214	Potassium 40	Protactinium 234	Radium 226	Thallium 208	Thorium 234	Uranium 235	Radium (Ra) 228	Strontium (Sr) Total	Radium	Tritium	Uranium 233 and 234	Uranium 235	Uranium 238
		Units:	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L	PCI/L	pCi/L	pCi/L	pCi/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L	PCI/L	PCI/L	PCI/L
		MCL:	15.0	50.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0	5.0	8.0	NA	20,000	NA	20.0	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M029-A	2002 02 (Summer)	0.93	15.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.060	-	-	-	-
	M029-E	2004 04 (Winter)	< 3.0	14.6 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0 UJ	-	0.57	< 500	-	-	-
		2004 02 (Summer)	140	65.7	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.50	< 500	< 0.50	< 50.0	< 0.50
		2003 04 (Winter)	< 2.1 UJ	26.9	< 64.2	< 57.9	< 52.4	-	-	< 758	< 13.5	< 23.4	< 334	< 1,220	< 198	< 53.8	< 137	< 0.14	< 3.5	< 1.6	1.0	< 162	< 0.14	< 0.14	< 0.25
		2003 02 (Summer)	< 2.0	23.5	< 57.1	< 171	< 42.0	-	-	< 656	< 32.7	< 19.4	< 333	< 1,230	< 52.7	< 31.2	< 122	< 84.6	< 3.0	< 2.5	< 0.84	< 174	-	< 84.6	-
		2002 04 (Winter)	< 1.4 UJ	22.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.86	-	-	-	-
		2002 02 (Summer)	< 0.62	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.33	-	-	-	-
	M030-A	2004 04 (Winter)	< 3.0	3.8 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0 UJ	-	< 0.50	< 500	-	-	-
		2004 02 (Summer)	< 3.0	7.2	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.50	< 500	< 0.50	< 50.0	< 0.50
		2004 01 (Spring)	< 0.54	5.5	< 15.3	< 28.9	< 11.7	< 3.5	-	< 1,340	< 4.9	< 11.3	< 123	< 452	< 52.0	< 5.2	< 182	< 0.020	< 0.80	< 0.78	< 0.12	< 173	0.26	< 0.020	0.18
		2003 04 (Winter)	< 0.38	4.3	< 67.2	< 28.9	71.9	-	-	< 620	< 15.7	< 28.5	< 195	< 1,540	408	< 38.5	< 281	< 0.14	< 3.5	< 2.1	< 0.62	< 169	< 0.14	< 0.14	< 0.22
		2003 03 (Fall)	< 0.37	6.9 J	< 57.1	< 107	< 56.7	-	-	< 740	< 17.6	< 28.7	< 350 UJ	< 1,060	< 476	< 25.5	< 316	< 0.15	< 4.3	< 2.0	< 0.64	< 184	< 0.38	< 0.15	< 0.22
		2003 02 (Summer)	< 0.37	6.3	< 50.6	< 189	< 39.3	-	-	< 574	< 29.8	< 27.9	701	< 1,160	< 373	< 36.4	< 15.4	< 51.0	< 4.1	< 2.2	< 2.2	< 187	-	< 51.0	-
		2003 01 (Spring)	< 0.48 UJ	4.4	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 3.5	< 3.0	< 0.93	< 178	-	< 77.0	-
		2002 04 (Winter)	< 0.47 UJ	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 1.3	-	-	-	-
		2002 03 (Fall)	< 1.0	9.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.057	-	-	-	-
		2002 02 (Summer)	< 0.11	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.060	-	-	-	-
	M031-A	2004 04 (Winter)	< 3.0	13.0 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	< 0.50	< 500	-	-	-
		2004 02 (Summer)	< 3.0	13.8	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.50	< 500	< 0.50	< 50.0	< 0.50
		2004 01 (Spring)	< 0.73	11.4	< 21.6	< 95.6	< 11.3	-	-	< 238	< 10.7	< 15.9	< 61.9	< 807	< 177	< 25.7	< 82.8	< 0.040	< 1.0	< 1.8	< 1.2	< 184	< 0.33	< 0.040	0.29
		2003 04 (Winter)	2.9 J	11.4	< 77.5	< 172	< 17.0	-	-	< 764	< 17.4	30.2	< 375	< 1,920	< 220	< 33.5	< 107	< 0.21	< 3.6	< 1.7	< 0.72	< 159	< 0.22	< 0.21	< 0.28
		2003 03 (Fall)	< 0.68	15.6 J	< 58.9	< 154	< 52.6	-	-	< 567	< 21.8	< 35.2	< 182 UJ	< 1,160	< 269	< 46.4	< 234	< 0.16	< 4.1	< 1.9	< 0.92	< 183	< 0.16	< 0.16	< 0.16
		2003 02 (Summer)	< 0.83	13.8	< 57.1	< 109	< 35.5	-	-	< 742	< 21.3	< 28.3	447	< 1,550	< 183	< 52.5	< 35.2	< 64.2	< 3.5	< 1.8	< 0.77	< 187	-	< 64.2	-
		2003 01 (Spring)	< 0.55 UJ	12.6	< 52.0	< 197	< 122	-	-	< 602	< 27.0	< 34.0	< 237	< 1,190	< 176	< 24.0	< 184	< 77.0	< 3.6	< 1.9	< 1.1	< 175	-	< 77.0	-
		2002 04 (Winter)	< 0.79 UJ	10.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.69	-	-	-	-
		2002 03 (Fall)	< 0.19	17.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.28 UJ	-	-	-	-
		2002 02 (Summer)	< 0.87	14.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.060	-	-	-	-
	M032-A	2004 04 (Winter)	< 3.0	15.0 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	< 0.50	< 500	-	-	-
		2004 02 (Summer)	< 3.0	12.1	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.50	< 500	< 0.50	< 50.0	< 0.50
		2003 04 (Winter)	< 1.1 UJ	15.0	< 47.8	< 164	< 0.41	-	-	< 678	< 15.3	< 19.8	< 198	< 1,490	< 202	< 26.0	< 233	< 0.15	< 3.6	< 2.0	< 0.45	< 173	< 0.15	< 0.15	< 0.15
		2003 02 (Summer)	< 1.4	16.1	< 78.2	< 121	< 48.5	-	-	< 744	< 36.4	< 33.6	595	< 1,640	< 602	< 36.2	< 174	< 1.1	< 2.8	< 1.7	< 0.77	< 180	-	< 1.1	-
		2002 04 (Winter)	< 7.3	158	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.45	-	-	-	-
		2002 02 (Summer)	15.1	13.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.28	-	-	-	-
	M033-A	2004 04 (Winter)	< 3.0	10.5 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0 UJ	-	< 0.50	< 500	-	-	-
		2004 02 (Summer)	< 3.0	14.4	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.50	< 500	< 0.50	< 50.0	< 0.50
		2004 01 (Spring)	< 0.75	12.8	< 18.4	< 98.4	21.6	-	-	< 237	< 11.8	< 14.6	< 60.1	< 680	< 125	< 24.5	< 125	< 0.040	< 1.0	< 1.8	< 0.86	< 184	< 0.091	< 0.040	< 0.091
		2003 04 (Winter)	< 1.5 UJ	15.1	< 55.0	< 136	< 20.0	-	-	< 670	< 25.8	< 25.8	< 245	< 1,700	< 292	< 35.4	< 98.0	< 0.12	< 3.8	< 1.9	< 0.56	< 176	< 0.12	< 0.12	< 0.12
		2003 03 (Fall)	< 1.6	21.0	< 70.7	< 117	< 39.8	-	-	< 747	< 24.1	< 28.4	< 342	< 1,560	< 487	< 39.8	< 215	< 0.14	< 4.1	< 2.3	< 1.1	< 171	< 0.14	< 0.14	< 0.14

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Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Gross Alpha/Beta		Gamma Emitting Radionuclides														Ra 228	RAD Sr	Radium	Tritium	Uranium Isotopes		
			Gross Alpha	Gross Beta	Actinium 228	Bismuth 212	Bismuth 214	Cesium 137	Cobalt 60	Lead 210	Lead 212	Lead 214	Potassium 40	Protactinium 234	Radium 226	Thallium 208	Thorium 234	Uranium 235	Radium (Ra) 228	Strontium (Sr) Total	Radium	Tritium	Uranium 233 and 234	Uranium 235	Uranium 238
		Units:	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L	PCI/L	pCi/L	pCi/L	pCi/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L	PCI/L	PCI/L	PCI/L
		MCL:	15.0	50.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0	5.0	8.0	NA	20,000	NA	20.0	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M033-A	2003 02 (Summer)	< 1.2	14.9	< 52.6	< 122	< 46.4	-	-	< 832	< 22.9	< 21.5	482	< 1,050	< 220	< 33.6	< 291	< 46.2	< 3.3	< 2.2	< 0.87	< 173	-	< 46.2	-
		2003 01 (Spring)	< 1.4 UJ	15.3	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 5.0	< 2.0	< 0.85	< 182	-	< 77.0	-
		2002 04 (Winter)	< 0.97 UJ	15.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.84	-	-	-	-
		2002 03 (Fall)	< 0.19	11.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.060	-	-	-	-
		2002 02 (Summer)	1.0	18.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.060	-	-	-	-
	M034-A	2004 04 (Winter)	< 3.0	19.7 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0 UJ	-	< 0.50	< 500	-	-	-
		2004 02 (Summer)	< 3.0	15.2	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.50	< 500	< 0.50	< 50.0	< 0.50
		2004 01 (Spring)	< 0.32	4.1	< 34.2	< 110	23.8	-	-	< 223	< 18.1	< 25.1	< 183	< 932	< 155	< 17.6	< 110	< 0.040	1.6	4.4	< 0.80	811	< 0.36	< 0.040	0.24
		2003 04 (Winter)	< 1.9 UJ	24.1	< 64.2	< 72.9	< 18.4	-	-	< 584	< 32.2	52.3	< 311	< 1,230	< 285	< 26.6	< 75.6	< 0.14	< 3.7	5.0	< 0.72	< 161	< 0.24	< 0.14	< 0.14
		2003 03 (Fall)	< 0.98	26.7	< 32.6	< 104	< 22.7	-	-	< 364	< 19.3	< 13.7	< 121	< 984	< 242	< 13.5	< 97.9	< 0.16	< 3.8	5.3	< 1.2	< 410	< 0.16	< 0.16	< 0.16
		2003 02 (Summer)	< 1.2	30.4	< 83.1	< 127	< 47.6	-	-	< 591	< 21.1	< 32.9	873	< 1,770	< 191	< 25.6	< 109	< 57.6	< 3.6	4.8	< 1.1	< 184	-	< 57.6	-
		2003 01 (Spring)	< 0.56 UJ	15.4	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 4.2	< 2.6	< 1.0	< 182	-	< 77.0	-
		2002 04 (Winter)	< 0.82	18.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.64	-	-	-	-
		2002 03 (Fall)	29.3	27.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.060	-	-	-	-
		2002 02 (Summer)	2.6	26.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.066	-	-	-	-
	M035-A	2004 04 (Winter)	1.3 J	7.9 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	< 0.50	< 500	-	-	-
		2004 02 (Summer)	< 3.0 UJ	5.0	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.50	< 500	< 0.50	< 50.0	< 0.50
		2004 01 (Spring)	< 2.4	< 3.5	< 25.5	< 84.9	< 18.1	-	-	< 260	< 9.8	15.3	213	< 981	< 37.3	< 21.5	< 86.9	< 0.040	< 0.76	< 1.6	< 0.80	< 184	< 0.16	< 0.040	0.20
		2003 04 (Winter)	< 0.78 UJ	6.3	< 29.7	< 71.5	< 17.0	-	-	< 684	< 29.2	41.0	< 271	< 1,130	< 204	< 23.0	< 275	< 0.14	< 3.9	< 2.1	< 0.63	< 174	< 0.14	< 0.14	< 0.14
		2003 03 (Fall)	< 0.69	10.1	< 51.3	< 163	< 32.9	-	-	< 131	< 47.4	< 45.8	< 215	< 1,870	< 122	< 59.5	< 179	< 0.16	< 3.5	< 1.8	< 0.65	< 182	< 0.18	< 0.16	< 0.18
		2003 02 (Summer)	< 2.6	9.7	< 59.3	< 172	< 27.8	-	-	< 513	< 35.3	< 40.0	664	< 2,340	< 0.35	< 33.2	< 114	< 83.8	< 2.7	< 2.0	< 0.86	< 181	-	< 83.8	-
		2003 01 (Spring)	< 1.3 UJ	6.6	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 4.2	< 1.9	< 0.73	< 171	-	< 77.0	-
		2002 04 (Winter)	< 1.2	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.70	-	-	-	-
		2002 03 (Fall)	< 0.41	8.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.060	-	-	-	-
		2002 02 (Summer)	< 1.8	9.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.26	-	-	-	-
SWBZ	M001-B	2004 04 (Winter)	< 3.0	< 3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0 UJ	-	0.86	< 500	-	-	-
		2004 02 (Summer)	< 3.0	< 3.0	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	0.87	< 500	2.8	< 50.0	< 250
		2003 04 (Winter)	< 31.9	95.8	< 50.2	< 145	59.0	-	-	< 660	< 20.4	< 31.6	< 385	< 1,240	481	< 39.0	< 325	< 0.19	< 6.1	< 2.0	0.89	< 170	3.6	< 0.19	1.5
		2003 02 (Summer)	< 62.4	< 88.3	< 11.5	< 155	< 31.9	-	-	< 705	< 26.0	< 43.1	< 276	< 2,040	< 229	< 52.0	< 32.1	< 86.8	< 4.3	< 1.7	8.4	< 184	-	< 86.8	-
		2002 04 (Winter)	< 44.5 UJ	< 67.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.2	-	-	-	-
		2002 02 (Summer)	12.0	139	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.41	-	-	-	-
	M003-B	2004 04 (Winter)	< 3.0	66.6 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0 UJ	-	1.6	< 500	-	-	-
		2004 02 (Summer)	< 3.0	93.2	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	216	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	1.2	< 500	< 0.59	< 50.0	< 0.50
		2003 04 (Winter)	< 36.8	227	< 61.4	< 183	50.9	-	-	< 645	< 18.1	< 23.4	< 261	< 1,190	< 363	< 57.9	< 168	< 0.13	< 4.7	< 2.1	1.5	< 199	< 0.30	< 0.13	< 0.39
		2003 02 (Summer)	< 37.2	190	< 39.4	< 107	55.8	-	-	< 779	< 36.1	< 42.8	559	< 1,480	< 511	< 42.6	< 180	< 56.2	11.5	< 2.2	5.0	< 174	-	< 56.2	-
		2002 04 (Winter)	< 46.0 UJ	194	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.1	-	-	-	-
		2002 02 (Summer)	7.3	182	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.75	-	-	-	-
	M025-C	2004 04 (Winter)	< 3.0	22.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	0.52	< 500	-	-	-

Table 1-8
Groundwater Sample Analytical Results at IR Sites 1 and 32: Radionuclides
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Gross Alpha/Beta		Gamma Emitting Radionuclides														Ra 228	RAD Sr	Radium	Tritium	Uranium Isotopes		
			Gross Alpha	Gross Beta	Actinium 228	Bismuth 212	Bismuth 214	Cesium 137	Cobalt 60	Lead 210	Lead 212	Lead 214	Potassium 40	Protactinium 234	Radium 226	Thallium 208	Thorium 234	Uranium 235	Radium (Ra) 228	Strontium (Sr) Total	Radium	Tritium	Uranium 233 and 234	Uranium 235	Uranium 238
		Units:	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L	PCI/L	pCi/L	pCi/L	pCi/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L	PCI/L	PCI/L	PCI/L
		MCL:	15.0	50.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0	5.0	8.0	NA	20,000	NA	20.0	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWBZ	M025-C	2004 02 (Summer)	< 3.0	26.4	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 101	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.52	< 500	< 0.50	< 50.0	< 0.50
		2003 04 (Winter)	< 10.3 UJ	59.4	< 38.8	< 176	< 8.0	-	-	< 668	20.0	< 34.7	< 91.0	< 1,420	< 344	< 44.7	< 116	< 0.18	< 3.6	< 2.2	< 0.83	< 174	< 0.18	< 0.18	< 0.18
		2003 02 (Summer)	< 10.8	53.2	< 62.7	< 114	< 26.9	-	-	< 645	< 20.7	< 35.7	< 165	< 1,560	< 263	< 48.7	< 51.8	< 77.1	< 4.8	< 2.3	< 2.0	< 184	-	< 77.1	-
		2002 04 (Winter)	< 6.1 UJ	56.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8	-	-	-	-
		2002 02 (Summer)	< 0.56	< 31.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.47	-	-	-	-
	M027-B	2004 04 (Winter)	< 3.0	40.2 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	0.78	< 500	-	-	-
		2004 02 (Summer)	< 3.0	25.8	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	1.0	< 500	< 0.58	< 50.0	< 0.50
		2003 04 (Winter)	< 21.0	< 33.6	< 57.2	< 189	59.7	-	-	< 840	< 25.5	< 35.3	< 328	< 1,010	501	< 32.6	< 163	< 0.17	< 4.2	< 2.2	1.5	< 171	< 0.26	< 0.17	< 0.32
		2003 02 (Summer)	< 28.4	80.5	< 16.0	< 223	< 35.8	-	-	< 516	< 26.0	< 32.8	376	< 1,890	< 291	< 39.8	< 180	< 67.8	< 3.6	< 2.1	2.1	< 178	-	< 67.8	-
		2002 04 (Winter)	< 25.8 UJ	< 35.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 1.2	-	-	-	-
		2002 02 (Summer)	< 2.8	173	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.28	-	-	-	-
	M027-C	2004 04 (Winter)	< 3.0	80.7 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	1.1	< 500	-	-	-
		2004 02 (Summer)	< 3.0	< 3.0	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	1.3	< 500	1.8	< 50.0	< 250
		2003 04 (Winter)	< 23.5 UJ	87.8	< 78.5	< 156	< 29.0	-	-	< 735	< 27.4	< 19.5	442	< 1,510	< 351	< 30.8	< 246	< 0.25	< 3.8	< 1.8	1.1	< 178	< 1.6	< 0.25	1.0
		2003 02 (Summer)	< 35.3	97.8	< 32.4	< 148	< 44.0	-	-	< 820	< 29.2	< 32.1	< 271	< 1,800	< 677	< 63.1	< 2.2	< 54.4	< 5.8	< 2.3	6.9	< 176	-	< 54.4	-
		2002 04 (Winter)	< 30.4 UJ	101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	-	-	-	-
		2002 02 (Summer)	< 1.1	117	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.55	-	-	-	-
	M028-C	2004 04 (Winter)	< 3.0	56.5 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0 UJ	-	1.1	< 500	-	-	-
		2004 02 (Summer)	< 3.0	< 3.0	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	1.1	< 500	< 0.50	< 50.0	< 0.50
		2004 01 (Spring)	< 38.8	148	< 37.8	< 48.6	22.9	-	-	< 209	< 20.7	34.8	< 139	< 786	< 164	< 16.3	< 116	< 0.094	2.6	< 1.7	3.9	< 183	0.90	< 0.094	0.91
		2003 04 (Winter)	< 40.4	101	< 36.6	< 157	< 36.0	-	-	< 720	< 15.3	< 55.3	< 285	< 1,370	< 418	< 227	< 172	< 0.16	< 3.9	< 1.7	1.6	< 170	0.18	< 0.16	0.18
		2003 03 (Fall)	< 43.1	108	< 80.2	< 110	41.9	-	-	< 367	< 32.0	< 38.3	< 187	< 1,930	< 137	< 41.8	< 290	< 0.16	11.8	< 1.7	1.4	< 179	< 0.25	< 0.16	< 0.19
		2003 02 (Summer)	< 56.7	106	< 51.2	< 90.6	< 29.8	-	-	< 733	< 40.1	< 28.3	446	< 2,010	< 199	< 48.7	< 101	< 48.3	7.4	< 1.8	< 2.0	< 179	-	< 48.3	-
		2003 01 (Spring)	< 51.7 UJ	137	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	9.7	< 1.6	3.2	< 181	-	< 77.0	-
		2002 04 (Winter)	< 31.5 UJ	119	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.9	-	-	-	-
		2002 03 (Fall)	5.7	92.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.91 J	-	-	-	-
		2002 02 (Summer)	< 2.1	265	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.46	-	-	-	-
	M030-C	2004 04 (Winter)	< 3.0	32.3 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0 UJ	-	0.39 J	< 500	-	-	-
		2004 02 (Summer)	< 3.0	< 3.0	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	167	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.65	< 500	< 0.67	< 50.0	< 0.72
		2003 04 (Winter)	< 74.7 UJ	140	< 68.7	< 164	< 7.0	-	-	< 643	< 22.3	< 25.1	< 692	< 1,350	< 207	< 55.8	< 264	< 0.27	< 3.3	< 1.9	< 0.90	< 266	< 0.33	< 0.27	< 0.50
		2003 02 (Summer)	< 61.6	150	< 28.5	< 169	< 37.3	-	-	< 569	< 21.6	< 26.6	529	< 1,600	< 280	< 50.5	< 132	< 37.3	4.3	< 1.8	< 1.4	< 176	-	< 37.3	-
		2002 04 (Winter)	< 66.8 UJ	142	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	-	-	-	-
		2002 02 (Summer)	8.1	261	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.75	-	-	-	-
	M031-C	2004 04 (Winter)	< 3.0	82.7 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	1.3	< 500	-	-	-
		2004 02 (Summer)	< 3.0 UJ	46.6	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 103	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	1.6	< 500	< 0.50	< 50.0	< 0.50
		2003 04 (Winter)	< 58.7 UJ	87.7	< 49.3	< 121	< 0.63	-	-	< 672	25.6	< 1.7	< 65.6	< 824	< 319	< 3.0	< 249	< 0.12	< 4.2	< 1.9	1.2	< 174	< 0.28	< 0.12	< 0.23
		2003 02 (Summer)	< 40.5	88.7	< 65.4	< 15.1	< 66.2	-	-	< 520	< 34.3	< 24.3	< 369	< 2,170	< 282	< 43.8	< 16.7	< 97.0	< 3.3	< 1.9	3.5	< 177	-	< 97.0	-
		2002 04 (Winter)	< 38.6 UJ	108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	-	-	-	-

Table 1-8
Groundwater Sample Analytical Results at IR Sites 1 and 32: Radionuclides
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Gross Alpha/Beta		Gamma Emitting Radionuclides														Ra 228	RAD Sr	Radium	Tritium	Uranium Isotopes		
			Gross Alpha	Gross Beta	Actinium 228	Bismuth 212	Bismuth 214	Cesium 137	Cobalt 60	Lead 210	Lead 212	Lead 214	Potassium 40	Protactinium 234	Radium 226	Thallium 208	Thorium 234	Uranium 235	Radium (Ra) 228	Strontium (Sr) Total	Radium	Tritium	Uranium 233 and 234	Uranium 235	Uranium 238
		Units:	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L	PCI/L	pCi/L	pCi/L	pCi/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L	PCI/L	PCI/L	PCI/L
		MCL:	15.0	50.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0	5.0	8.0	NA	20,000	NA	20.0	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WB	M031-C	2002 02 (Summer)	4.2	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.62	-	-	-	-

Table 1-9
Groundwater Sampling Field Parameters at Installation Restoration Sites 1 and 32
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	M001-A	11/22/04	7.75	0.45	-81
		06/16/04	7.56	0.17	-212
		04/05/04	7.51	0.18	65
		12/18/03	7.79	0.17	-137
		09/24/03	7.94	0.27	-68
		07/07/03	7.76	0.23	141
		04/15/03	7.69	0.18	98
		12/26/02	7.88	0.30	-24
		09/18/02	7.95	0.90	-99.2
		06/27/02	7.74	2.30	-63
First	M001-E	11/22/04	***8.71***	0.16	-40
		06/16/04	8.43	1.63	203
		03/09/04	8.41	0.14	89
		12/18/03	***8.54***	0.19	-206
		09/24/03	***8.74***	0.21	35
		07/08/03	***8.65***	0.13	110
		04/15/03	***8.79***	0.19	150
		12/26/02	***9.03***	0.00	-240
		09/18/02	***8.60***	0.50	-132.2
		06/27/02	6.65	4.20	-234
First	M002-A	11/22/04	6.79	1.72	215
		06/16/04	6.59	8.30	4.0
		04/06/04	6.79	1.18	154
		12/18/03	7.36	3.91	89.5
		09/24/03	6.88	1.14	97
		07/03/03	6.80	0.34	-298
		04/15/03	6.89	2.37	221
		12/26/02	7.46	6.40	-11
		09/19/02	6.67	7.70	24.5
		06/26/02	6.91	2.40	120
First	M003-A	11/22/04	6.98	0.17	142
		06/17/04	6.67	0.52	-152
		04/05/04	7.02	0.34	80
		12/19/03	7.26	0.26	34
		09/24/03	7.06	0.27	7.0
		07/07/03	7.15	0.14	22
		04/21/03	6.83	0.34	9.0
		12/26/02	6.85	1.12	2.0
		09/19/02	6.63	0.51	-40
		06/26/02	6.96	1.10	1.0
First	M004-A	11/23/04	6.92	0.77	188
		06/17/04	6.82	1.96	-41
		12/18/03	7.06	0.48	74
		07/07/03	7.24	0.11	44
		12/26/02	7.25	4.57	130
		06/26/02	7.22	2.20	115
First	M005-A	11/23/04	7.22	0.66	-23

Table 1-9
Groundwater Sampling Field Parameters at Installation Restoration Sites 1 and 32
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	M005-A	06/17/04	7.11	0.32	-67
First	M006-A	11/23/04	6.75	0.72	108
		06/17/04	6.42	0.32	-48
		12/18/03	6.82	0.26	-159
		07/07/03	6.63	0.21	85
		12/26/02	6.72	0.02	-12
		06/26/02	6.72	0.01	-54.8
First	M007-A	11/23/04	7.09	0.55	128
		06/18/04	7.26	0.28	-74
		12/18/03	7.21	0.27	14
		07/07/03	7.58	0.23	141
		12/26/02	7.64	0.01	-104
		06/26/02	7.27	0.16	-75
First	M025-A	11/24/04	7.82	0.18	-129
		06/21/04	7.41	0.24	-275
		04/05/04	7.84	0.12	268
		12/19/03	7.66	0.29	109
		09/30/03	7.76	0.22	-242
		07/07/03	7.80	0.16	-272
		04/15/03	8.37	0.16	-183
		12/27/02	7.50	4.57	-90
		09/18/02	7.09	0.28	-248
		07/01/02	7.80	0.15	-183.2
First	M026-A	11/23/04	7.58	4.41	45
		06/24/04	7.02	2.41	-111
		12/19/03	7.16	4.93	185
		07/07/03	7.46	1.56	-177
		12/27/02	7.93	4.29	7.0
		07/01/02	7.50	2.50	120
First	M026-E	11/23/04	7.20	0.13	48
		06/24/04	7.33	0.32	-204
		12/18/03	6.87	0.18	-173
		07/07/03	7.30	0.18	-144
		12/27/02	7.67	3.91	-127
		07/01/02	7.85	2.10	-115
First	M027-A	11/23/04	7.25	0.16	38
		06/17/04	6.79	6.10	-31
		04/05/04	7.05	0.17	112
		12/19/03	7.24	0.59	-54.9
		09/24/03	6.95	0.54	-91
		07/07/03	7.21	0.37	164
		04/15/03	7.10	2.20	-47
		12/27/02	6.99	0.02	1.0
		09/18/02	6.97	1.90	-76.7
		06/28/02	7.18	0.80	43
First	M027-E	11/23/04	7.22	0.16	-28
		06/17/04	7.02	***23.80***	-84

Table 1-9
Groundwater Sampling Field Parameters at Installation Restoration Sites 1 and 32
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	M027-E	03/10/04	7.99	0.05	-45
		12/19/03	7.29	0.69	-122.1
		09/24/03	7.15	0.29	-165
First	M028-A	11/22/04	6.81	1.55	-13
		06/16/04	6.63	***9.70***	-100
		04/05/04	6.92	0.68	14
		12/19/03	7.16	0.56	-62
		09/24/03	6.98	0.16	-160
		07/08/03	7.36	0.15	24
		04/15/03	7.10	2.60	-84
		12/27/02	7.34	0.06	-91
		09/18/02	6.94	0.45	-168
		07/01/02	7.32	2.20	-120
First	M028-E	11/22/04	6.33	0.36	-40
		06/17/04	6.29	1.70	-143
		04/05/04	6.52	0.13	-179
		12/19/03	6.86	0.74	-162.3
		09/24/03	6.63	0.10	-144
		07/08/03	6.57	0.09	9.0
		04/16/03	6.47	0.19	-25
		12/31/02	7.03	3.96	-124
First	M029-A	11/22/04	8.17	0.13	-199
		06/16/04	8.00	0.21	-105
		03/10/04	8.25	0.38	77
		12/19/03	7.91	0.10	-183.3
		09/29/03	8.00	0.29	11
		07/08/03	7.96	0.25	-185
		04/15/03	8.00	2.20	-144
		12/27/02	7.80	0.00	-167
		09/18/02	8.11	0.80	-196.7
		06/27/02	7.95	2.30	-139
First	M029-E	11/22/04	8.10	0.15	-200
		06/16/04	7.93	0.27	-90
		12/22/03	8.04	0.49	-17
		07/10/03	7.91	0.85	-173
		12/27/02	7.34	***12.26***	-206.6
		06/27/02	8.02	2.20	-152
First	M030-A	11/22/04	7.61	0.29	108
		06/17/04	7.19	0.67	-257
		04/05/04	6.95	1.95	175
		12/18/03	6.60	0.89	149
		09/29/03	7.34	0.39	155
		07/07/03	6.98	0.68	167
		04/15/03	6.50	8.90	213
		12/26/02	6.97	6.48	99
		09/19/02	7.45	0.30	-38
		06/27/02	6.55	2.60	-237

Table 1-9
Groundwater Sampling Field Parameters at Installation Restoration Sites 1 and 32
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	M031-A	11/23/04	7.21	0.18	239
		06/17/04	6.94	0.18	-267
		03/10/04	7.31	0.18	84
		12/22/03	6.97	0.94	349
		09/29/03	7.43	0.19	51
		07/08/03	7.26	0.19	-80
		04/17/03	7.18	0.21	201
		12/27/02	6.16	0.77	14.1
		09/17/02	7.49	1.30	2.2
		06/28/02	7.22	2.30	-31
First	M031-E	11/23/04	7.62	0.11	111
		06/17/04	7.24	0.10	-279
		03/10/04	7.59	0.09	-28
		12/19/03	7.61	0.18	-103
		09/29/03	7.40	0.19	33
First	M032-A	11/23/04	7.02	0.50	12
		06/17/04	6.86	0.26	-53
		12/19/03	7.06	0.32	172
		07/08/03	7.22	0.11	45
		12/30/02	6.79	8.82	-108.1
		06/26/02	7.11	0.09	-116.5
First	M033-A	11/22/04	7.16	0.45	33
		06/16/04	7.38	0.21	-0.65
		03/10/04	7.69	0.43	81
		12/19/03	7.40	0.35	174
		09/25/03	7.47	0.31	-103
		07/10/03	7.72	0.15	-99
		04/16/03	7.33	0.13	121
		12/27/02	7.63	0.00	-208
		09/17/02	7.48	0.90	-159.3
		06/28/02	7.17	2.00	-85
First	M034-A	11/22/04	6.64	0.55	-24
		06/16/04	6.75	0.24	-0.58
		03/10/04	6.93	0.10	89
		12/22/03	7.03	1.21	-134.4
		09/25/03	6.84	0.40	-72
		07/08/03	7.00	0.15	-135
		04/16/03	6.74	0.24	42
		12/30/02	6.38	***36.92***	-138.5
		09/17/02	6.80	0.80	-125.7
		06/28/02	6.71	1.70	95
First	M035-A	11/23/04	7.12	0.17	98
		06/21/04	6.63	3.40	110
		03/10/04	7.20	0.50	106
		12/19/03	7.13	0.43	198
		09/24/03	7.14	0.43	4.0
		07/08/03	7.37	0.21	-99

Table 1-9
Groundwater Sampling Field Parameters at Installation Restoration Sites 1 and 32
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	M035-A	04/21/03	7.04	0.45	158
		12/30/02	6.52	*17.71*	23.1
		09/17/02	7.09	1.20	-47.4
		06/28/02	7.14	0.90	-127
Second	M001-B	11/22/04	7.08	0.18	81
		06/16/04	6.81	1.70	104
		12/18/03	6.80	0.16	-174
		07/07/03	7.05	0.14	210
		12/26/02	7.34	0.00	-95
		07/02/02	6.90	0.18	-46.1
Second	M003-B	11/22/04	6.74	0.15	147
		06/16/04	6.76	0.30	-221
		12/18/03	6.69	0.25	-26
		07/07/03	6.99	0.12	52
		12/26/02	6.87	0.17	-81
		07/01/02	6.78	0.03	-82.3
Second	M025-C	11/24/04	7.19	0.20	-57
		06/21/04	6.94	0.19	-253
		03/09/04	7.73	0.08	-114
		12/19/03	6.86	0.17	-19
		09/30/03	7.23	0.32	-168
		07/07/03	7.24	0.09	-172
		04/15/03	6.96	0.20	-3.0
		12/26/02	7.38	0.00	-173
		09/19/02	6.86	NM	-162
		07/01/02	6.90	1.68	-150.9
Second	M027-B	11/23/04	7.10	0.20	-90
		06/17/04	6.89	3.70	-163
		12/18/03	6.92	0.38	36
		07/08/03	7.13	0.16	13
		12/27/02	7.19	0.00	-190
		07/02/02	6.97	0.18	-127
Second	M027-C	11/23/04	7.12	0.24	-31
		06/17/04	6.88	3.50	-192
		12/19/03	7.14	1.09	-217
		07/07/03	6.94	0.16	-67
		12/27/02	7.16	4.36	-182
		07/02/02	6.97	0.12	-81.4
Second	M028-C	11/22/04	7.19	0.35	-113
		06/16/04	6.99	0.12	-290
		03/09/04	7.83	0.11	-144
		12/18/03	7.57	0.30	-181.2
		09/24/03	7.12	0.09	-140
		07/08/03	7.07	0.15	24
		04/16/03	7.24	0.11	-130
		12/27/02	7.48	0.10	-269
		09/18/02	7.07	0.22	-153

Table 1-9
Groundwater Sampling Field Parameters at Installation Restoration Sites 1 and 32
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
Second	M028-C	07/02/02	7.06	0.42	-126.3
Second	M030-C	11/22/04	7.82	0.13	13
		06/17/04	7.49	0.13	-255
		12/19/03	7.70	0.18	-84
		07/08/03	7.86	0.14	-133
		12/26/02	8.22	3.59	-233
		07/15/02	7.66	2.50	-24
Second	M031-C	11/23/04	7.38	0.12	-19
		06/21/04	6.90	0.28	-253
		12/19/03	7.13	0.16	-146
		07/08/03	7.05	0.14	-67
		12/27/02	7.39	0.00	-242
		07/02/02	7.06	0.32	-87.6

Notes:

Field parameters are measured during well purging, just prior to collection of the groundwater sample.

mg/L = milligrams per liter

ORP = oxidation-reduction potential

mV = millivolts

NM = not measured

Italicized results are outside expected range for parameter. Natural groundwater has the following expected ranges:

pH: between 6 and 8.5 standard units

DO: below approximately 9 mg/L

ORP: between approximately 600 and -400 mV

Table 1-10

Groundwater Sample Analytical Results at IR Sites 1 and 32: Natural Attenuation Parameters

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

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Groundwater Sample Analytical Results at IR Sites 1 and 32: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide	TDS
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide	Total Dissolved Solids
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M002-A	2002 02 (Summer)	-	-	-	-	-	-	-	-	-	-	-	< 0.040	-
	M003-A	2002 02 (Summer)	-	-	-	-	-	-	-	-	-	-	-	< 0.040	-
	M004-A	2004 04 (Winter)	< 0.0050	< 0.0050	0.12	0.090	< 0.050	93.0	33.0	480	480	< 1.0	< 1.0	< 0.040	640
		2004 02 (Summer)	< 0.010	< 0.010	0.18	0.020 J	< 0.050	100	34.0	460	460	< 1.0	< 1.0	< 0.040	610
		2003 04 (Winter)	0.0010 J	< 0.0030	0.55	< 0.10	< 0.10	113	26.4	479	479	< 5.0	-	< 1.0	-
		2003 02 (Summer)	0.0006 J	< 0.0030	0.29	< 0.10	< 0.10	104	35.9	411	-	-	-	< 1.0	-
		2002 04 (Winter)	< 0.010	< 0.010	< 0.010	2.4	< 0.050	53.0	63.0	450	450	< 1.0	< 1.0	< 0.040	-
		2002 02 (Summer)	< 0.010	< 0.010	0.20	< 0.050	< 0.050	130	26.0	450	450	< 1.0	< 1.0	< 0.040	-
	M006-A	2002 02 (Summer)	-	-	-	-	-	-	-	-	-	-	-	< 0.040	-
	M007-A	2002 02 (Summer)	-	-	-	-	-	-	-	-	-	-	-	< 0.040	-
	M027-A	2004 04 (Winter)	< 0.0050	< 0.0050	0.079	< 0.050	< 0.10	770	170	540	540	< 1.0	< 1.0	< 0.040	2,020
		2004 02 (Summer)	< 0.010	< 0.010	0.035	0.030 J	< 0.10	600	180	550	550	< 1.0	< 1.0	< 0.040	1,690
		2003 04 (Winter)	< 0.0030	< 0.0030	0.055	0.22	< 1.0	783	195 J	553	553	< 5.0	-	< 1.0	-
		2003 02 (Summer)	< 0.0030	< 0.0030	0.024	< 0.10	< 1.0	706	214	498	-	-	-	< 1.0	-
		2002 04 (Winter)	< 0.010	< 0.010	0.018	3.2	0.030 J	110	260	510	510	< 1.0	< 1.0	< 0.040	-
		2002 02 (Summer)	< 0.010	< 0.010	0.025	< 0.10	< 0.10	420	190	570	570	< 1.0	< 1.0	-	-
	M028-A	2004 04 (Winter)	2.5	4.0	5.1	< 0.050	< 0.050	160	15.0	370	370	< 1.0	< 1.0	0.060	660
		2004 02 (Summer)	0.88	0.11	3.0	0.020 J	< 0.050	110	31.0	320	320	< 1.0	< 1.0	< 0.040	550
		2003 04 (Winter)	0.50	0.17	1.1	< 0.10	< 0.10	118	24.4	377	377	< 5.0	-	< 1.0	-
		2003 02 (Summer)	0.97	0.054	3.6	0.23	< 0.10	76.1	0.72	281	-	-	-	< 1.0	-
		2002 04 (Winter)	< 0.010	< 0.010	< 0.010	2.0	< 0.050	67.0	160	380	380	< 1.0	< 1.0	< 0.040	-
		2002 02 (Summer)	0.83	0.13	3.2	< 0.050	< 0.050	74.0	10.0	350	350	< 1.0	< 1.0	0.090	-
	M028-E	2004 04 (Winter)	1.9	22.0	17.0	< 0.050	< 0.050	420	0.097 J	380	380	< 1.0	< 1.0	0.070 J	1,330

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Groundwater Sample Analytical Results at IR Sites 1 and 32: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide	TDS
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide	Total Dissolved Solids
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M028-E	2004 02 (Summer)	2.6	13.0	14.0	0.090	< 0.10	570	< 0.50	380	380	< 1.0	< 1.0	< 0.040	1,380
		2003 04 (Winter)	0.71	1.7	4.8	< 0.10	< 0.10	421	0.75	424	424	< 5.0	-	< 1.0	-
		2003 02 (Summer)	1.0	3.6	7.1	< 0.10	< 1.0	370	0.34 J	318	-	-	-	< 1.0	-
		2002 04 (Winter)	1.9	9.2	14.0	< 0.050	< 0.050	190	< 0.50	360	360	< 1.0	< 1.0	0.11	-
	M032-A	2002 02 (Summer)	-	-	-	-	-	-	-	-	-	-	-	< 0.040	-
	M033-A	2004 04 (Winter)	0.0080	< 0.0050	2.2	< 0.050	< 0.050	43.0	4.8	390	390	< 1.0	< 1.0	< 0.040	520
		2004 02 (Summer)	0.024	< 0.010	6.8	< 0.050	< 0.050	52.0	1.1	380	380	< 1.0	< 1.0	< 0.040	500
		2003 04 (Winter)	0.0044	< 0.0030	1.0	0.089 J	< 0.10	65.6	5.0	434	434	< 5.0	-	< 1.0	-
		2003 02 (Summer)	0.010	< 0.0030	1.4	< 0.10	< 0.10	41.8	3.8	358	-	-	-	< 1.0	-
		2002 04 (Winter)	< 0.010	< 0.010	2.1	< 0.050	< 0.050	57.0	15.0	440	440	< 1.0	< 1.0	0.060	-
		2002 02 (Summer)	< 0.010	< 0.010	2.5	< 0.050	< 0.050	58.0	2.5	340	340	< 1.0	< 1.0	< 0.040	-
SWBZ	M003-B	2004 04 (Winter)	< 0.0050	< 0.0050	0.093	< 1.3	< 1.3	13,000	660	940	940	< 1.0	< 1.0	< 0.040	24,400
		2004 02 (Summer)	< 0.010	< 0.010	0.086	< 1.3	< 1.3	14,000	610	980	980	< 1.0	< 1.0	< 0.040	21,400
		2003 04 (Winter)	< 0.0030	< 0.0030	0.054	< 1.0	< 10.0	11,300	613	1,010	1,010	< 5.0	-	< 1.0	-
		2003 02 (Summer)	< 0.0030	< 0.0030	0.057	< 1.0	< 10.0	3,080	606	972	-	-	-	< 1.0	-
		2002 04 (Winter)	< 0.010	< 0.010	0.077	< 1.3	< 1.3	14,000	630	1,000	1,000	< 1.0	< 1.0	< 0.040	-
		2002 02 (Summer)	< 0.010	< 0.010	0.062	< 0.50	< 0.50	13,000	600	1,000	1,000	< 1.0	< 1.0	< 0.040	-
	M028-C	2004 04 (Winter)	< 0.0050	< 0.0050	0.0050	< 1.0	< 1.3	12,000	1,300	400	400	< 1.0	< 1.0	< 0.040	22,500
		2004 02 (Summer)	< 0.010	< 0.010	< 0.010	< 1.3	< 1.3	12,000	1,300	430	430	< 1.0	< 1.0	< 0.040	19,900
		2003 04 (Winter)	< 0.0030	< 0.0030	0.0027 J	< 1.0	< 10.0	9,520	1,350	454	454	< 5.0	-	< 1.0	-
		2003 02 (Summer)	< 0.0030	< 0.0030	0.0028 J	< 1.0	< 10.0	12,700	1,430	416	-	-	-	< 1.0	-
		2002 04 (Winter)	< 0.010	< 0.010	< 0.010	< 1.3	< 1.3	11,000	1,400	440	440	< 1.0	< 1.0	0.18	-
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	< 0.50	< 0.50	12,000	1,300	450	450	< 1.0	< 1.0	< 0.040	-

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General Table Footnotes
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Acronyms and abbreviations

AWQC: Saltwater Ambient Water Quality Criteria, (U.S. EPA, 2002)
BV: Background value (Tetra Tech Environmental Management, Inc., November, 2001)
FWBZ: First Water-Bearing Zone
IR Site: Installation Restoration Site
MCL: California maximum contaminant level (U.S. EPA and California Department of Health Services, June 2003)
MTBE: Methyl tert-butyl ether
NA: Not available (applicable to regulatory limits or background values)
PAH: Polycyclic Aromatic Hydrocarbons
PCE: Tetrachloroethene
Ra: Radium
SO_4: Sulfate
Sr: Strontium
SVOC: Semivolatile Organic Compounds
SWBZ: Second Water-Bearing Zone
TCE: Trichloroethene
TDS: Total Dissolved Solids
TPH: Total Petroleum Hydrocarbons
VOC: Volatile Organic Compounds
-: compound not analyzed

Units

µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: pico curies per liter
PPBV: parts per billion by volume

Validation Qualifiers

J: Estimated value.
U: Not detected at or above the indicated reporting limit.
UJ: Not detected at or above the indicated reporting limit. The reporting limit is an estimate.
R: The analyte is rejected due to deficiencies in the ability to analyze the sample and meet QC criteria.
UR: The analyte was not detected. The analyte is rejected due to deficiencies in the ability to analyze the sample and meet QC criteria.

Notes

Detected values are bolded.
Detected values greater than the MCL are shown in yellow highlighting
Detected values greater than the BV are shown in blue highlighting
Detected values greater than the both the BV and the MCL are shown in pink highlighting
Total TPH (calculated) is the sum of all reported TPH results. Where all TPH results are less than reporting limits, the Total TPH value is represented by the highest reporting limit.

Figures

Sites 1 and 32
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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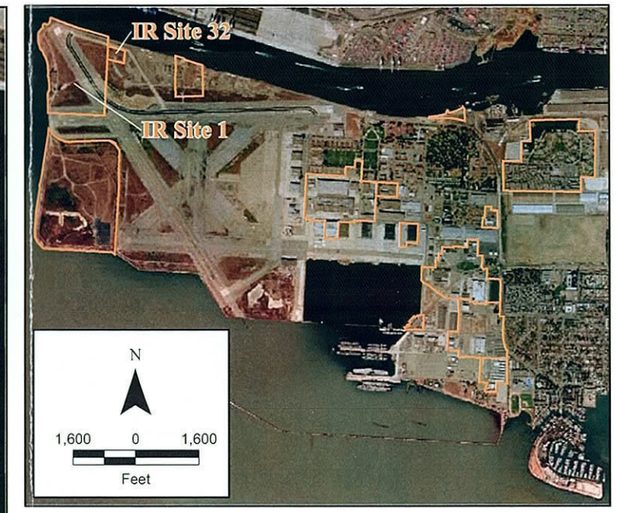

Legend

- First Water Bearing Zone (FWBZ) Wells
- Second Water Bearing Zone (SWBZ) Wells
- IR Site Boundaries
- Facility

N

400 0 400

Feet

2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Sites 1&32\IR Sites 1&32 Location Map_NAD83.mxd

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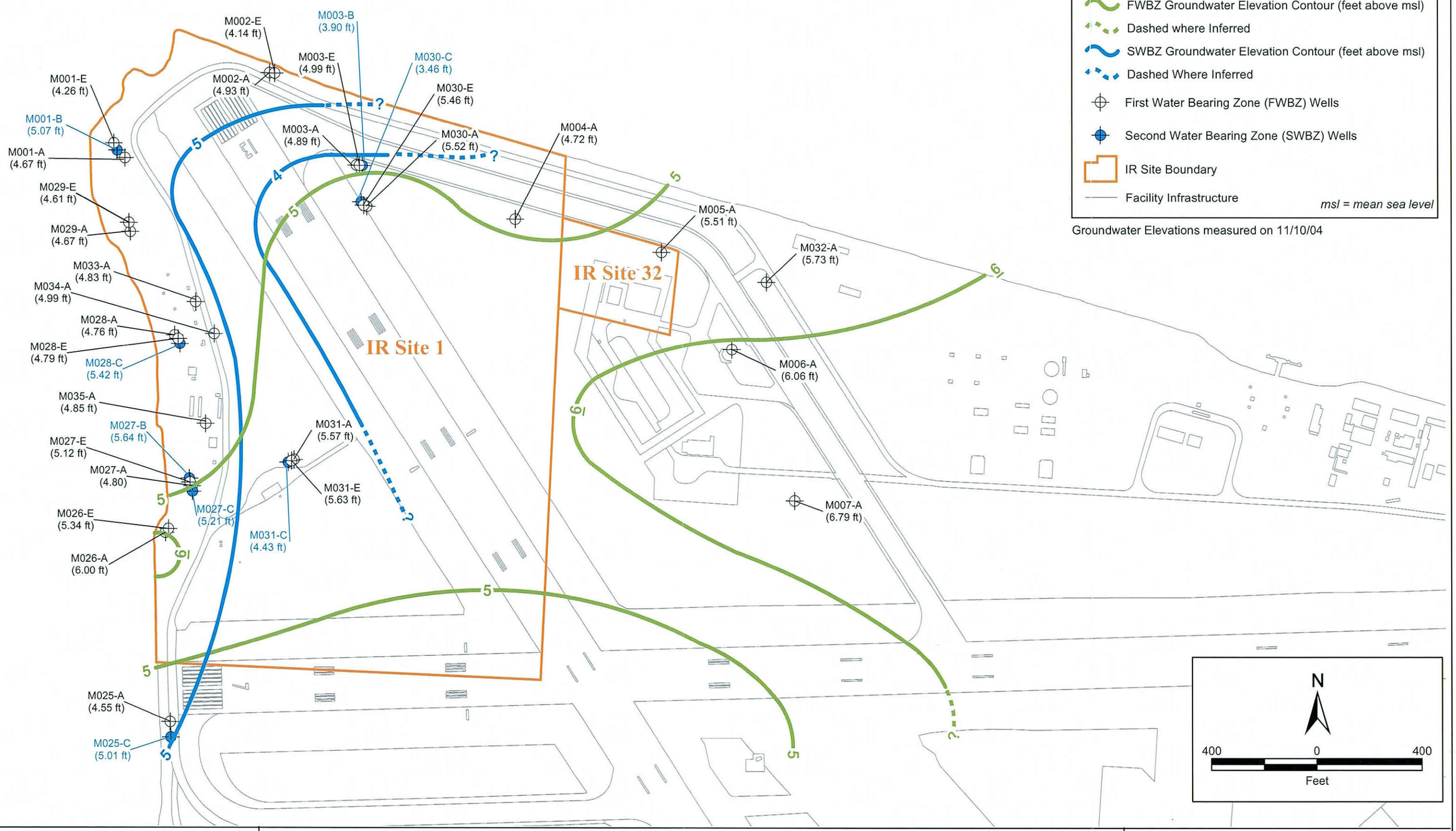
ALAMEDA POINT, ALAMEDA, CALIFORNIA

FIGURE 1-1
IR SITES 1 & 32
SITE AND WELL LOCATION MAP



2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Sites 1&32\IR Sites 1&32 GW Elev Map_NAD83.mxd

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FIGURE 1-2
IR SITES 1 & 32
GROUNDWATER ELEVATION MAP
FALL/WINTER 2004

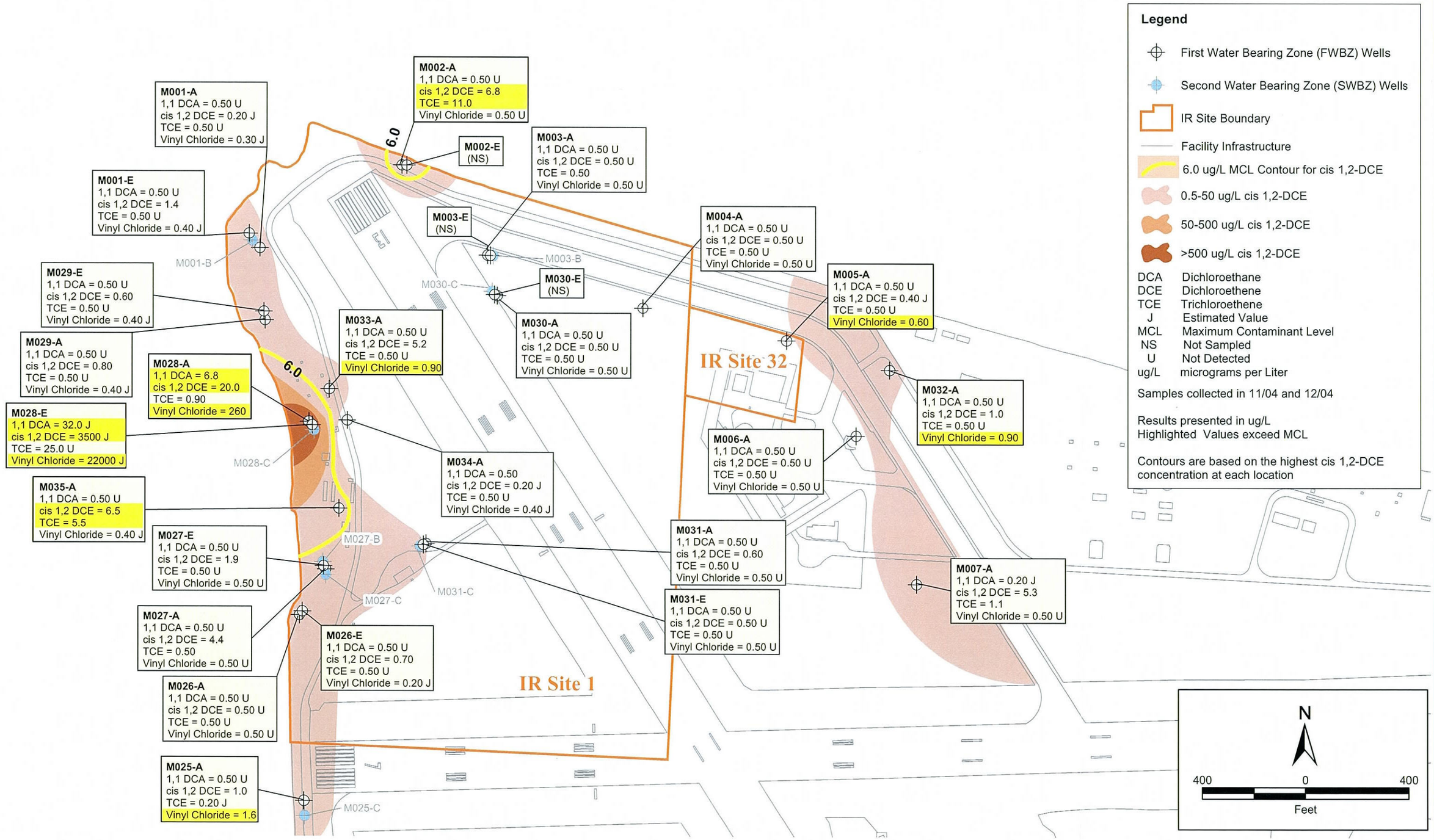

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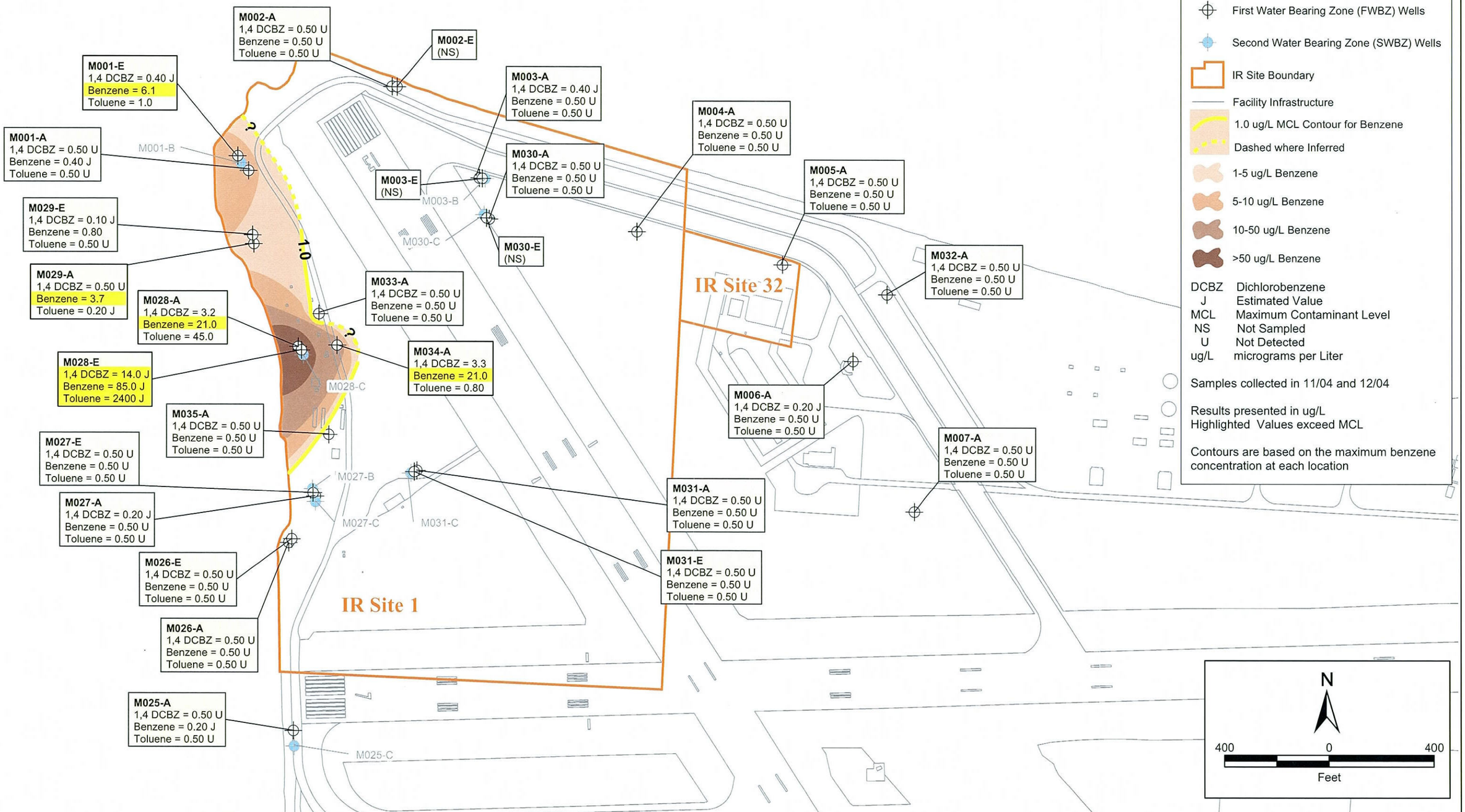
FIGURE 1-3
IR SITES 1 & 32
GROUNDWATER DISTRIBUTION OF SELECTED
CHLORINATED HYDROCARBONS ABOVE CRITERIA
FALL/WINTER 2004

2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Sites 1&32\IR Sites 1&32 Chlorinated HydroC Map_NAD83.mxd



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ALAMEDA POINT, ALAMEDA, CALIFORNIA

FIGURE 1-4
IR SITES 1 & 32
GROUNDWATER DISTRIBUTION OF SELECTED
AROMATIC HYDROCARBONS ABOVE CRITERIA
FALL/WINTER 2004

2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Sites 1&32\IR Sites 1&32 Aromatic HydroC Map_NAD83.mxd

Appendix A -
Analytical Data with Data Qualifiers and Reason Code Definitions

Sites 1 and 32
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

Innovative Technical Solutions, Inc.

N00236.003004
ALAMEDA POINT
SSIC NO. 5090.3.A.

ANALYTICAL DATA

THIS RECORD CONTAINS LARGE VOLUMES OF DATA AND IS NOT REQUIRED TO BE PHYSICALLY LOCATED WITH THE ADMINISTRATIVE RECORD DOCUMENT.

DUE TO EXTENSIVE VOLUME, THIS DATA WILL NOT BE IMAGED.

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

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Site 2

Basewide Groundwater Monitoring Program
Alameda Point,Alameda,CA

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Tables

Site 2
Basewide Groundwater Monitoring Program
Alameda Point,Alameda,CA

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Table 2-1
Groundwater Monitoring Summary, IR Site 2 - Fall/Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

				Organic Compounds							Inorganic Compounds	Natural Attenuation Parameters				Radionuclides								Soil Gas	
WATER-BEARING ZONE	SAMPLE LOCATION	GEOLOGICAL UNIT	SCREEN INTERVAL (FT. BGS)	TPH- E as Diesel, Jet Fuel, Motor Oil (EPA 8015B)	TPH-P as Gasoline (EPA 8015B)	VOCs (EPA 8260B)	SVOCs (EPA 8270C)	Polycyclic Aromatic Hydrocarbons (EPA 8310)	Pesticides (EPA 8081A)	PCBs (EPA 8082)	Dissolved Metals (EPA 6010B/ 6020A/7470A)	Nitrate, Nitrite, Chloride, Sulfate (EPA9056/300.0)	Alkalinity (EPA 310.1)	Sulfide (EPA 376.2)	TDS (EPA Method 160.1)	Gross Alpha (EPA 9310/900.0)	Gross Beta (EPA 9310/900.0)	Gamma Emitting Radionuclides (EPA Method 901.1)	Radium (EPA 9315/903.0)	Tritium Isotopes (EPA Method 906.0)	Radium-228 Isotopes (EPA Method 904.0)	Radioactive Strontium (EPA Method 905.0)	Uranium isotopes (EPA Method 908 Modified)	VOCs (TO15)	Fixed Gases (ASTM D1946)
Groundwater Monitoring Program Wells																									
First	442-MW1	Fill	3.5 - 13.5	X	X	X	X	X	X	X	X	X	X	X		X	X	---	X	X	X	---	---		
	M010-A	Fill	5.5 - 15.5			X																			
	M011-A	Fill	3.5 - 13.5	X	X	X	X	X	X	X	X					X	X	---	X	X	X	---	---		
	M012-A	Fill	5 - 15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	---	X	X	X	---	---		
	M013-A	Fill	3.5 - 13.5	X	X	X	X	X	X	X	X					X	X	---	X	X	X	---	---		
	M014-A	Fill	4.5 - 14.5	X	X	X	X	X	X	X	X					X	X	---	X	X	X	---	---		
	M016-A	Fill	4 - 14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	---	X	X	X	---	---		
	M016-E	Fill	14 - 24	X	X	X	X	X			X	X	X	X	X	X	X	---	X	X	X	---	---		
	M017-A	Fill	4 - 14	X	X	X	X	X	X	X	X					X	X	---	X	X	X	---	---		
	M018-A	Fill	4 - 14	X	X	X	X	X	X	X	X					X	X	---	X	X	X	---	---		
	M018-E	BSU	36 - 46	X	X	X	X	X			X					X	X	---	X	X	X	---	---		
	M019-A	Fill	5 - 15	X	X	X	X	X	X	X	X					X	X	---	X	X	X	---	---		
	M019-E	BSU	30.5 - 40.5	X	X	X	X	X			X					X	X	---	X	X	X	---	---		
	M020-A	Fill	3.5 - 13.5	X	X	X	X	X	X	X	X					X	X	---	X	X	X	---	---		
	M020-E	Fill	27.5 - 34.5	X	X	X	X	X			X					X	X	---	X	X	X	---	---		
	M021-A	Fill	3.5 - 13.5	X	X	X	X	X	X	X	X					X	X	---	X	X	X	---	---		
	M021-E	Fill-BSU	30 - 37	X	X	X	X	X			X					X	X	---	X	X	X	---	---		
	M022-A	Fill	3.5 - 13.5	X	X	X	X	X	X	X	X					X	X	---	X	X	X	---	---		
	M022-E	Fill	27.25 - 37.5	X	X	X	X	X			X					X	X	---	X	X	X	---	---		
	M023-A	Fill	3.5 - 13.5	X	X	X	X	X	X	X	X					X	X	---	X	X	X	---	---		
	M023-E	Fill	25 - 35	X	X	X	X	X			X					X	X	---	X	X	X	---	---		
	M024-A	Fill	4 - 14	X	X	X	X	X	X	X	X					X	X	---	X	X	X	---	---		
	M024-E	Fill	22 - 32	X	X	X	X	X			X					X	X	---	X	X	X	---	---		
	M036-A	Fill	5 - 15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	---	X	X	X	---	---		
	M036-E	Fill	20 - 30	X	X	X	X	X			X	X	X	X	X	X	X	---	X	X	X	---	---		
	M037-A	Fill	8 - 18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	---	X	X	X	---	---		
	M037-E	Fill	15.5 - 25.5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	---	X	X	X	---	---		
	M038-A	Fill	5 - 15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	---	X	X	X	---	---		
	M038-E	Fill	15 - 25	X	X	X	X	X			X	X	X	X	X	X	X	---	X	X	X	---	---		
	M039-A	Fill	5 - 15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	---	X	X	X	---	---		
Second	M010-B	BSU	35.5 - 43.25	X	X	X	X	X			X	X	X	X	X	X	X	---	X	X	X	---	---		
	M012-B	Merritt-USA	63.5 - 73.5	X	X	X	X	X			X	X	X	X	X	X	X	---	X	X	X	---	---		
	M013-C	Merritt	69 - 79	X	X	X	X	X			X					X	X	---	X	X	X	---	---		
	M014-B	Merritt	49.5 - 59.5	X	X	X	X	X			X					X	X	---	X	X	X	---	---		
	M016-B	Merritt	45.5 - 55.5	X	X	X	X	X			X	X	X	X	X	X	X	---	X	X	X	---	---		

Table 2-1
Groundwater Monitoring Summary, IR Site 2 - Fall/Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

				Organic Compounds							Inorganic Compounds	Natural Attenuation Parameters				Radionuclides								Soil Gas	
WATER-BEARING ZONE	SAMPLE LOCATION	GEOLOGICAL UNIT	SCREEN INTERVAL (FT. BGS)	TPH- E as Diesel, Jet Fuel, Motor Oil (EPA 8015B)	TPH-P as Gasoline (EPA 8015B)	VOCs (EPA 8260B)	SVOCs (EPA 8270C)	Polycyclic Aromatic Hydrocarbons (EPA 8310)	Pesticides (EPA 8081A)	PCBs (EPA 8082)	Dissolved Metals (EPA 6010B/ 6020A/7470A)	Nitrate, Nitrite, Chloride, Sulfate (EPA9056/300.0)	Alkalinity (EPA 310.1)	Sulfide (EPA 376.2)	TDS (EPA Method 160.1)	Gross Alpha (EPA 9310/900.0)	Gross Beta (EPA 9310/900.0)	Gamma Emitting Radionuclides (EPA Method 901.1)	Radium (EPA 9315/903.0)	Tritium Isotopes (EPA Method 906.0)	Radium-228 Isotopes (EPA Method 904.0)	Radioactive Strontium (EPA Method 905.0)	Uranium isotopes (EPA Method 908 Modified)	VOCs (TO15)	Fixed Gases (ASTM D1946)
Second	M020-B	BSU	55 - 65	X	X	X	X	X			X					X	X	---	X	X	X	---	---		
	M021-C	BSU-USA-YBM	82 - 92	X	X	X	X	X			X					X	X	---	X	X	X	---	---		
	M023-B	BSU	83 - 93	X	X	X	X	X			X					X	X	---	X	X	X	---	---		
	M023-C	BSU-YBM	99.5 - 109.5	X	X	X	X	X			X					X	X	---	X	X	X	---	---		
	M036-B	BSU	90 - 100	X	X	X	X	X			X	X	X	X	X	X	X	---	X	X	X	---	---		
	M037-B	BSU-Merritt	77 - 87	X	X	X	X	X			X	X	X	X	X	X	X	---	X	X	X	---	---		
	M038-B	BSU	70 - 80	X	X	X	X	X			X	X	X	X	X	X	X	---	X	X	X	---	---		
	M039-B	Merritt	52 - 62	X	X	X	X	X			X	X	X	X	X	X	X	---	X	X	X	---	---		
Vadose	MG2-01-S	Landfill	0.5 - 1.8																					X	X
	MG2-01-D	Landfill	2.5 - 4																					X	X
	MG2-02-S	Landfill	2 - 3																					X	X
	MG2-02-M	Landfill	4.5 - 6																					X	X
	MG2-02-D	Landfill	7 - 9																					X	X
	MG2-03-S	Landfill	0.5 - 2																					X	X
	MG2-03-M	Landfill	2.5 - 3.5																					X	X
	MG2-03-D	Landfill	4.5 - 6																					X	X
	MG2-04-S	Landfill	1.8 - 2.3																					X	X
	MG2-04-M	Landfill	3.8 - 5.3																					X	X
	MG2-04-D	Landfill	6.3 - 7.8																					X	X
	MG2-05-S	Landfill	1 - 2.5																					X	X
	MG2-05-D	Landfill	3.5 - 5																					X	X
Non-Program Wells, Water Level Only																									
First	M009-A	Fill	3.5 - 13.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M015-A	Fill	4.5 - 14.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M105-A	Fill	5.5 - 15.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

X	Well sampled for this parameter during Fall/Winter 2004 event.
---	Analytical parameter temporarily suspended for Fall/Winter 2004 and Spring 2005 sampling events.
-	Well not in analytical program.

Fill - Artificial Fill
BSU - Bay Sediment Unit
USA - Upper San Antonio Formation
Merritt - Merritt Sand

FT. BGS - Feet below ground surface
TPH - Total Petroleum Hydrocarbons
VOCs - Volatile Organic Compounds
SVOCs - Semivolatile Organic Compound
PCBs - Polychlorinated Biphenyls

GER - Gamma Emitting Radionuclides
(8260B) - U.S. Environmental Protection Agency analytical method
TDS - Total Dissolved Solids
ASTM - American Society for Testing and Materials

Table 2-2
Summary of Groundwater Level Measurements at Installation Restoration Site 2
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	442-MW1	8.0	7.83 *	11/10/04	2.11	5.72
		8.0	7.83 *	06/14/04	3.17	4.66
		8.0	7.83 *	03/02/04	0.65	7.18
		8.0	7.83 *	12/03/03	2.49	5.34
		8.0	7.83 *	09/15/03	3.53	4.30
		8.0	7.83 *	06/24/03	3.02	4.81
		8.0	7.83 *	04/08/03	1.96	5.87
		8.0	7.83 *	12/09/02	2.83	5.00
		8.0	7.83 *	09/13/02	5.77	2.06
		8.0	7.83 *	07/10/02	3.53	4.30
First	M009-A ‡	7.7	7.15	11/10/04	2.81	4.34
		7.7	7.15	06/14/04	0.80	6.35
		7.7	7.15	03/02/04	0.00 †	7.15
		7.7	7.15	12/03/03	0.74	6.41
		7.7	7.15	09/15/03	1.50	5.65
		7.7	7.15	06/24/03	0.84	6.31
		7.7	7.15	04/08/03	0.40	6.75
First	M010-A	8.3	7.90	11/10/04	2.56	5.34
		8.3	7.90	06/14/04	2.80	5.10
		8.3	7.90	03/02/04	0.20	7.70
First	M011-A	9.5	8.76 *	11/10/04	3.12	5.64
		9.5	8.76 *	06/14/04	4.10	4.66
		9.5	8.76 *	03/02/04	1.84	6.92
		9.5	8.76 *	12/03/03	3.08	5.68
		9.5	8.76 *	09/15/03	4.56	4.20
		9.5	8.76 *	06/24/03	4.17	4.59
		9.5	8.76 *	04/08/03	3.34	5.42
		9.5	8.76 *	12/09/02	3.59	5.17
		9.5	8.76 *	09/13/02	4.63	4.13
		9.5	8.76 *	07/01/02	4.25	4.51
First	M012-A	11.1	10.77 *	11/10/04	4.70	6.07
		11.1	10.77 *	06/14/04	4.80	5.97
		11.1	10.77 *	03/02/04	1.90	8.87
		11.1	10.77 *	12/03/03	5.21	5.56
		11.1	10.77 *	09/15/03	5.70	5.07
		11.1	10.77 *	06/24/03	4.20	10.77
		11.1	10.77 *	04/08/03	3.43	7.34
		11.1	10.77 *	12/09/02	5.10	5.67
		11.1	10.77 *	09/13/02	5.67	5.10
		11.1	10.77 *	07/01/02	5.04	5.73
First	M013-A	10.8	10.35 *	11/10/04	3.70	6.65
		10.8	10.35 *	06/14/04	3.60	6.75
		10.8	10.35 *	03/02/04	1.08	9.27
		10.8	10.35 *	12/03/03	4.14	6.21
		10.8	10.35 *	09/15/03	4.45	5.90
		10.8	10.35 *	06/24/03	3.60	6.75
		10.8	10.35 *	04/08/03	2.43	7.92
		10.8	10.35 *	12/09/02	4.43	5.92

Table 2-2
Summary of Groundwater Level Measurements at Installation Restoration Site 2
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M013-A	10.8	10.35 *	09/13/02	4.79	5.56
		10.8	10.35 *	07/02/02	4.94	5.41
First	M014-A	10.9	10.17 *	11/10/04	3.75	6.42
		10.9	10.17 *	06/14/04	4.03	6.14
		10.9	10.17 *	03/02/04	1.15	9.02
		10.9	10.17 *	12/03/03	4.19	5.98
		10.9	10.17 *	09/15/03	4.72	5.45
		10.9	10.17 *	06/24/03	4.04	6.13
		10.9	10.17 *	04/08/03	3.04	7.13
		10.9	10.17 *	12/09/02	4.48	5.69
		10.9	10.17 *	09/13/02	4.94	5.23
		10.9	10.17 *	07/02/02	4.45	5.72
First	M015-A ‡	10.9	10.38	11/10/04	5.11	5.27
		10.9	10.38	06/14/04	5.81	4.57
		10.9	10.38	03/02/04	3.97	6.41
		10.9	10.38	12/03/03	4.37	6.01
		10.9	10.38	09/15/03	5.57	4.81
		10.9	10.38	06/24/03	8.40	1.98
		10.9	10.38	04/08/03	5.52	4.86
First	M016-A	12.3	12.26 *	11/10/04	7.72	4.54
		12.3	12.26 *	06/14/04	8.80	3.46
		12.3	12.26 *	03/02/04	8.01	4.25
		12.3	12.26 *	12/03/03	8.41	3.85
		12.3	12.26 *	09/15/03	8.44	3.82
		12.3	12.26 *	06/24/03	8.93	3.33
		12.3	12.26 *	04/08/03	8.99	3.27
		12.3	12.26 *	12/09/02	8.00	4.26
		12.3	12.26 *	09/13/02	8.59	3.67
		12.3	12.26 *	07/02/02	9.43	2.83
First	M016-E	12.3	12.46 *	11/10/04	7.78	4.68
		12.3	12.46 *	06/14/04	8.97	3.49
		12.3	12.46 *	03/02/04	8.29	4.17
		12.3	12.46 *	12/03/03	8.52	3.94
		12.3	12.46 *	09/15/03	8.54	3.92
		12.3	12.46 *	06/24/03	9.14	3.32
		12.3	12.46 *	04/08/03	9.22	3.24
		12.3	12.46 *	12/09/02	8.00	4.46
		12.3	12.46 *	09/13/02	8.71	3.75
		12.3	12.46 *	07/02/02	9.54	2.92
First	M017-A	12.3	12.37 *	11/10/04	7.69	4.68
		12.3	12.37 *	06/14/04	9.10	3.27
		12.3	12.37 *	03/02/04	8.77	3.60
		12.3	12.37 *	12/03/03	8.35	4.02
		12.3	12.37 *	09/15/03	8.75	3.62
		12.3	12.37 *	06/24/03	9.34	3.03
		12.3	12.37 *	04/08/03	9.75	2.62
		12.3	12.37 *	12/09/02	7.98	4.39
		12.3	12.37 *	09/13/02	8.84	3.53

Table 2-2
Summary of Groundwater Level Measurements at Installation Restoration Site 2
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M017-A	12.3	12.37 *	07/08/02	10.47	1.90
First	M018-A	11.1	10.97 *	11/10/04	7.41	3.56
		11.1	10.97 *	06/14/04	NM	NC
		11.1	10.97 *	03/02/04	7.18	3.79
		11.1	10.97 *	12/03/03	6.76	4.21
		11.1	10.97 *	09/15/03	7.18	3.79
		11.1	10.97 *	06/24/03	8.08	2.89
		11.1	10.97 *	04/08/03	8.33	2.64
		11.1	10.97 *	12/09/02	6.41	4.56
		11.1	10.97 *	09/13/02	8.42	2.55
		11.1	10.97 *	07/08/02	7.86	3.11
First	M018-E	11.0	10.98 *	11/10/04	5.05	5.93
		11.0	10.98 *	06/14/04	NM	NC
		11.0	10.98 *	03/02/04	7.40	3.58
		11.0	10.98 *	12/03/03	6.68	4.30
		11.0	10.98 *	09/15/03	6.95	4.03
		11.0	10.98 *	06/24/03	7.95	3.03
		11.0	10.98 *	04/08/03	8.60	2.38
		11.0	10.98 *	12/09/02	5.89	5.09
		11.0	10.98 *	09/13/02	7.36	3.62
		11.0	10.98 *	07/08/02	7.44	3.54
First	M019-A	11.6	11.25 *	11/10/04	7.72	3.53
		11.6	11.25 *	06/14/04	8.20	3.05
		11.6	11.25 *	07/08/02	9.25	2.00
		11.6	11.25 *	03/02/04	7.42	3.83
		11.6	11.25 *	12/03/03	7.19	4.06
		11.6	11.25 *	09/15/03	7.73	3.52
		11.6	11.25 *	06/24/03	8.16	3.09
		11.6	11.25 *	04/08/03	8.93	2.32
		11.6	11.25 *	12/09/02	7.09	4.16
		11.6	11.25 *	09/13/02	7.56	3.69
First	M019-E	11.2	11.15 *	11/10/04	4.41	6.74
		11.2	11.15 *	06/14/04	7.71	3.44
		11.2	11.15 *	03/02/04	7.95	3.20
		11.2	11.15 *	12/03/03	6.21	4.94
		11.2	11.15 *	09/15/03	6.90	4.25
		11.2	11.15 *	06/24/03	7.50	3.65
		11.2	11.15 *	04/08/03	9.98	1.17
		11.2	11.15 *	12/09/02	5.69	5.46
		11.2	11.15 *	09/13/02	7.59	3.56
		11.2	11.15 *	07/09/02	6.46	4.69
First	M020-A	10.6	10.63 *	11/10/04	6.40	4.23
		10.6	10.63 *	06/14/04	6.89	3.74
		10.6	10.63 *	03/02/04	5.90	4.73
		10.6	10.63 *	12/03/03	6.48	4.15
		10.6	10.63 *	09/15/03	6.85	3.78
		10.6	10.63 *	06/24/03	7.10	3.53
		10.6	10.63 *	04/08/03	7.11	3.52

Table 2-2
Summary of Groundwater Level Measurements at Installation Restoration Site 2
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M020-A	10.6	10.63 *	12/09/02	6.15	4.48
		10.6	10.63 *	09/13/02	6.72	3.91
		10.6	10.63 *	07/08/02	7.25	3.38
First	M020-E	10.7	10.42 *	11/10/04	4.11	6.31
		10.7	10.42 *	06/14/04	6.97	3.45
		10.7	10.42 *	03/02/04	6.80	3.62
		10.7	10.42 *	12/03/03	5.63	4.79
		10.7	10.42 *	09/15/03	6.55	3.87
		10.7	10.42 *	06/24/03	6.89	3.53
		10.7	10.42 *	04/08/03	8.90	1.52
		10.7	10.42 *	12/09/02	5.06	5.36
		10.7	10.42 *	09/13/02	7.04	3.38
		10.7	10.42 *	07/10/02	6.31	4.11
First	M021-A	8.5	8.75 *	11/10/04	4.08	4.67
		8.5	8.75 *	06/14/04	4.86	3.89
		8.5	8.75 *	03/02/04	3.84	4.91
		8.5	8.75 *	12/03/03	4.16	4.59
		8.5	8.75 *	09/15/03	4.75	4.00
		8.5	8.75 *	06/24/03	4.85	3.90
		8.5	8.75 *	04/08/03	5.20	3.55
		8.5	8.75 *	12/09/02	4.02	4.73
		8.5	8.75 *	09/13/02	4.68	4.07
First	M021-E	8.8	8.91 *	11/10/04	3.26	5.65
		8.8	8.91 *	06/14/04	4.91	4.00
		8.8	8.91 *	03/02/04	5.06	3.85
		8.8	8.91 *	12/03/03	3.43	5.48
		8.8	8.91 *	09/15/03	4.90	4.01
		8.8	8.91 *	06/24/03	4.99	3.92
		8.8	8.91 *	04/08/03	8.03	0.88
		8.8	8.91 *	12/09/02	3.45	5.46
		8.8	8.91 *	09/13/02	5.61	3.30
		8.8	8.91 *	07/10/02	5.19	3.72
First	M022-A	7.8	7.56 *	11/10/04	0.91	6.65
		7.8	7.56 *	06/14/04	4.48	3.08
		7.8	7.56 *	03/02/04	2.52	5.04
		7.8	7.56 *	12/03/03	1.89	5.67
		7.8	7.56 *	09/16/03	1.97	5.59
		7.8	7.56 *	06/24/03	3.75	3.81
		7.8	7.56 *	04/08/03	7.11	0.45
		7.8	7.56 *	01/08/03	3.51 §	4.05
		7.8	7.56 *	09/13/02	4.41	3.15
		7.8	7.56 *	07/08/02	3.43	4.13
First	M022-E	7.6	7.32 *	11/10/04	0.65	6.67
		7.6	7.32 *	06/14/04	3.38	3.94
		7.6	7.32 *	03/02/04	3.31	4.01
		7.6	7.32 *	12/03/03	1.60	5.72
		7.6	7.32 *	09/15/03	3.92	3.40
		7.6	7.32 *	06/24/03	3.30	4.02

Table 2-2
Summary of Groundwater Level Measurements at Installation Restoration Site 2
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M022-E	7.6	7.32 *	04/08/03	7.01	0.31
		7.6	7.32 *	01/07/03	3.25 §	4.07
		7.6	7.32 *	09/13/02	4.25	3.07
		7.6	7.32 *	07/12/02	6.42	0.90
First	M023-A	8.6	8.07 *	11/10/04	2.65	5.42
		8.6	8.07 *	06/14/04	4.36	3.71
		8.6	8.07 *	03/02/04	2.83	5.24
		8.6	8.07 *	12/03/03	3.48	4.59
		8.6	8.07 *	09/15/03	4.40	3.67
		8.6	8.07 *	06/24/03	4.60	3.47
		8.6	8.07 *	04/08/03	5.86	2.21
		8.6	8.07 *	12/09/02	3.47	4.60
		8.6	8.07 *	09/13/02	4.51	3.56
		8.6	8.07 *	07/09/02	4.35	3.72
First	M023-E	8.3	7.79 *	11/10/04	1.62	6.17
		8.3	7.79 *	06/14/04	4.07	3.72
		8.3	7.79 *	03/02/04	3.00	4.79
		8.3	7.79 *	12/03/03	3.18	4.61
		8.3	7.79 *	09/15/03	4.50	3.29
		8.3	7.79 *	06/24/03	4.20	3.59
		8.3	7.79 *	04/08/03	7.04	0.75
		8.3	7.79 *	12/09/02	2.45	5.34
		8.3	7.79 *	09/13/02	4.78	3.01
		8.3	7.79 *	07/12/02	7.46	0.33
First	M024-A	10.7	10.22 *	11/10/04	4.35	5.87
		10.7	10.22 *	06/14/04	6.13	4.09
		10.7	10.22 *	03/02/04	4.11	6.11
		10.7	10.22 *	12/03/03	5.90	4.32
		10.7	10.22 *	09/15/03	6.33	3.89
		10.7	10.22 *	06/24/03	6.20	4.02
		10.7	10.22 *	04/08/03	6.08	4.14
		10.7	10.22 *	12/09/02	5.75	4.47
		10.7	10.22 *	09/13/02	6.66	3.56
		10.7	10.22 *	07/08/02	6.35	3.87
First	M024-E	10.2	9.83 *	11/10/04	5.63	4.20
		10.2	9.83 *	06/14/04	5.72	4.11
		10.2	9.83 *	03/02/04	3.89	5.94
		10.2	9.83 *	12/03/03	5.21	4.62
		10.2	9.83 *	09/15/03	7.20	2.63
		10.2	9.83 *	06/24/03	5.77	4.06
		10.2	9.83 *	04/08/03	7.04	2.79
		10.2	9.83 *	12/09/02	5.13	4.70
		10.2	9.83 *	09/13/02	6.60	3.23
		10.2	9.83 *	07/08/02	6.17	3.66
First	M036-A	7.3	7.06 *	11/10/04	2.38	4.68
		7.3	7.06 *	06/14/04	2.54	4.52
		7.3	7.06 *	03/02/04	2.70	4.36

Table 2-2
Summary of Groundwater Level Measurements at Installation Restoration Site 2
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M036-A	7.3	7.06 *	12/03/03	2.74	4.32
		7.3	7.06 *	09/15/03	2.91	4.15
		7.3	7.06 *	06/24/03	2.71	4.35
		7.3	7.06 *	04/08/03	2.26	4.80
		7.3	7.06 *	12/10/02	2.69	4.37
		7.3	7.06 *	09/13/02	3.20	3.86
		7.3	7.06 *	07/09/02	2.89	4.17
First	M036-E	7.1	6.93 *	11/10/04	2.83	4.10
		7.1	6.93 *	06/14/04	3.46	3.47
		7.1	6.93 *	03/02/04	0.80	6.13
		7.1	6.93 *	12/03/03	3.26	3.67
		7.1	6.93 *	09/15/03	3.66	3.27
		7.1	6.93 *	06/24/03	3.67	3.26
		7.1	6.93 *	04/08/03	3.80	3.13
		7.1	6.93 *	12/10/02	3.57	3.36
		7.1	6.93 *	09/13/02	3.77	3.16
		7.1	6.93 *	07/09/02	3.88	3.05
First	M037-A	10.9	10.80 *	11/10/04	4.73	6.07
		10.9	10.80 *	06/14/04	4.95	5.85
		10.9	10.80 *	03/02/04	3.85	6.95
		10.9	10.80 *	12/03/03	5.50	5.30
		10.9	10.80 *	09/15/03	5.58	5.22
		10.9	10.80 *	06/24/03	5.11	5.69
		10.9	10.80 *	04/08/03	4.52	6.28
		10.9	10.80 *	12/10/02	5.29	5.51
		10.9	10.80 *	09/13/02	5.64	5.16
		10.9	10.80 *	07/09/02	5.11	5.69
First	M037-E	10.9	10.69 *	11/10/04	6.76	3.93
		10.9	10.69 *	06/14/04	5.60	5.09
		10.9	10.69 *	03/02/04	5.58	5.11
		10.9	10.69 *	12/03/03	7.52	3.17
		10.9	10.69 *	09/15/03	7.25	3.44
		10.9	10.69 *	06/24/03	7.52	3.17
		10.9	10.69 *	04/08/03	6.64	4.05
		10.9	10.69 *	12/10/02	7.00	3.69
		10.9	10.69 *	09/13/02	7.59	3.10
		10.9	10.69 *	07/09/02	7.39	3.30
First	M038-A	15.1	15.09 *	11/10/04	6.76	8.33
		15.1	15.09 *	06/14/04	7.36	7.73
		15.1	15.09 *	03/02/04	5.52	9.57
		15.1	15.09 *	12/03/03	8.83	6.26
		15.1	15.09 *	09/15/03	8.64	6.45
		15.1	15.09 *	06/24/03	7.75	7.34
		15.1	15.09 *	04/08/03	6.63	8.46
		15.1	15.09 *	12/10/02	8.84	6.25
		15.1	15.09 *	09/13/02	8.91	6.18
		15.1	15.09 *	07/11/02	9.28	5.81
First	M038-E	15.0	14.36 *	11/10/04	6.62	7.74

Table 2-2
Summary of Groundwater Level Measurements at Installation Restoration Site 2
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M038-E	15.0	14.36 *	06/14/04	9.05	5.31
		15.0	14.36 *	03/02/04	7.53	6.83
		15.0	14.36 *	12/03/03	11.22	3.14
		15.0	14.36 *	09/15/03	9.90	4.46
		15.0	14.36 *	06/24/03	9.36	5.00
		15.0	14.36 *	04/08/03	9.05	5.31
		15.0	14.36 *	12/10/02	10.24	4.12
		15.0	14.36 *	09/13/02	9.99	4.37
		15.0	14.36 *	07/10/02	10.52	3.84
First	M039-A	16.8	16.50 *	11/10/04	12.07	4.43
		16.8	16.50 *	06/14/04	11.60	4.90
		16.8	16.50 *	03/02/04	8.65	7.85
		16.8	16.50 *	12/03/03	12.60	3.90
		16.8	16.50 *	09/15/03	12.60	3.90
		16.8	16.50 *	06/24/03	11.80	4.70
		16.8	16.50 *	04/08/03	10.60	5.90
		16.8	16.50 *	12/10/02	12.54	3.96
		16.8	16.50 *	09/13/02	12.73	3.77
		16.8	16.50 *	07/10/02	12.23	4.27
First	M105-A ‡	11.4	10.81	11/10/04	3.00	7.81
		11.4	10.81	06/14/04	3.40	7.41
		11.4	10.81	03/02/04	0.60	10.21
		11.4	10.81	12/03/03	3.70	7.11
		11.4	10.81	09/16/03	NM	NC
		11.4	10.81	06/24/03	3.15	7.66
		11.4	10.81	04/08/03	1.87	8.94
Second	M010-B	8.8	8.30 *	11/10/04	2.68	5.62
		8.8	8.30 *	06/14/04	2.20	6.10
		8.8	8.30 *	03/02/04	1.70	6.60
		8.8	8.30 *	12/03/03	3.09	5.21
		8.8	8.30 *	09/15/03	3.84	4.46
		8.8	8.30 *	06/24/03	2.65	5.65
		8.8	8.30 *	04/08/03	2.52	5.78
		8.8	8.30 *	12/09/02	3.15	5.15
		8.8	8.30 *	07/11/02	4.56	3.74
Second	M012-B	10.9	10.61 *	11/10/04	3.99	6.62
		10.9	10.61 *	06/14/04	4.13	6.48
		10.9	10.61 *	03/02/04	1.78	8.83
		10.9	10.61 *	12/03/03	4.92	5.69
		10.9	10.61 *	09/15/03	5.29	5.32
		10.9	10.61 *	06/24/03	4.58	6.03
		10.9	10.61 *	04/08/03	3.70	6.91
		10.9	10.61 *	12/09/02	5.62	4.99
		10.9	10.61 *	07/10/02	5.61	5.00
Second	M013-C	10.7	10.24 *	11/10/04	4.89	5.35
		10.7	10.24 *	06/14/04	5.00	5.24
		10.7	10.24 *	03/02/04	2.68	7.56
		10.7	10.24 *	12/03/03	5.20	5.04

Table 2-2
Summary of Groundwater Level Measurements at Installation Restoration Site 2
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
Second	M013-C	10.7	10.24 *	09/15/03	5.52	4.72
		10.7	10.24 *	06/24/03	4.91	5.33
		10.7	10.24 *	04/08/03	4.14	6.10
		10.7	10.24 *	12/12/02	5.50 §	4.74
		10.7	10.24 *	07/10/02	5.21	5.03
Second	M014-B	10.7	10.23 *	11/10/04	4.90	5.33
		10.7	10.23 *	06/14/04	5.13	5.10
		10.7	10.23 *	03/02/04	2.95	7.28
		10.7	10.23 *	12/03/03	5.13	5.10
		10.7	10.23 *	09/15/03	5.37	4.86
		10.7	10.23 *	06/24/03	5.10	5.13
		10.7	10.23 *	04/08/03	4.63	5.60
		10.7	10.23 *	12/09/02	5.31	4.92
		10.7	10.23 *	07/10/02	5.55	4.68
Second	M016-B	12.4	12.34 *	11/10/04	6.62	5.72
		12.4	12.34 *	06/14/04	8.91	3.43
		12.4	12.34 *	03/02/04	7.95	4.39
		12.4	12.34 *	12/03/03	8.89	3.45
		12.4	12.34 *	09/15/03	7.80	4.54
		12.4	12.34 *	06/24/03	9.34	3.00
		12.4	12.34 *	04/08/03	8.96	3.38
		12.4	12.34 *	12/09/02	7.23	5.11
		12.4	12.34 *	09/13/02	8.27	4.07
		12.4	12.34 *	07/11/02	11.84	0.50
Second	M020-B	10.6	10.62 *	11/10/04	5.78	4.84
		10.6	10.62 *	06/14/04	6.45	4.17
		10.6	10.62 *	03/02/04	5.73	4.89
		10.6	10.62 *	12/03/03	6.15	4.47
		10.6	10.62 *	09/15/03	6.26	4.36
		10.6	10.62 *	06/24/03	6.43	4.19
		10.6	10.62 *	04/08/03	6.78	3.84
		10.6	10.62 *	12/09/02	5.99	4.63
		10.6	10.62 *	09/13/02	6.49	4.13
		10.6	10.62 *	07/15/02	6.80	3.82
Second	M021-C	8.3	7.98 *	11/10/04	3.51	4.47
		8.3	7.98 *	06/14/04	4.02	3.96
		8.3	7.98 *	03/02/04	3.13	4.85
		8.3	7.98 *	12/03/03	3.77	4.21
		8.3	7.98 *	09/15/03	3.65	4.33
		8.3	7.98 *	06/24/03	3.57	4.41
		8.3	7.98 *	04/08/03	4.92	3.06
		8.3	7.98 *	12/09/02	3.55	4.43
		8.3	7.98 *	09/13/02	3.79	4.19
		8.3	7.98 *	07/11/02	4.06	3.92
Second	M023-B	8.3	8.42 *	11/10/04	3.52	4.90
		8.3	8.42 *	06/14/04	3.89	4.53
		8.3	8.42 *	03/02/04	3.52	4.90
		8.3	8.42 *	12/03/03	3.87	4.55

Table 2-2
Summary of Groundwater Level Measurements at Installation Restoration Site 2
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
Second	M023-B	8.3	8.42 *	09/15/03	4.02	4.40
		8.3	8.42 *	06/24/03	3.85	4.57
		8.3	8.42 *	04/08/03	4.65	3.77
		8.3	8.42 *	12/09/02	3.75	4.67
		8.3	8.42 *	09/13/02	4.23	4.19
		8.3	8.42 *	07/15/02	4.57	3.85
Second	M023-C	8.3	7.96 *	11/10/04	2.72	5.24
		8.3	7.96 *	06/14/04	3.07	4.89
		8.3	7.96 *	03/02/04	2.71	5.25
		8.3	7.96 *	12/03/03	3.44	4.52
		8.3	7.96 *	09/15/03	3.52	4.44
		8.3	7.96 *	06/24/03	3.30	4.66
		8.3	7.96 *	04/08/03	4.10	3.86
		8.3	7.96 *	12/09/02	3.41	4.55
		8.3	7.96 *	09/13/02	3.77	4.19
		8.3	7.96 *	07/16/02	4.70	3.26
Second	M036-B	7.2	7.10 *	11/10/04	2.83	4.27
		7.2	7.10 *	06/14/04	2.80	4.30
		7.2	7.10 *	03/02/04	3.89	3.21
		7.2	7.10 *	12/03/03	3.14	3.96
		7.2	7.10 *	09/15/03	4.28	2.82
		7.2	7.10 *	06/24/03	2.77	4.33
		7.2	7.10 *	04/08/03	2.98	4.12
		7.2	7.10 *	12/10/02	3.05	4.05
		7.2	7.10 *	09/13/02	3.29	3.81
		7.2	7.10 *	07/09/02	3.10	4.00
Second	M037-B	10.8	10.67 *	11/10/04	5.53	5.14
		10.8	10.67 *	06/14/04	6.93	3.74
		10.8	10.67 *	03/02/04	7.50	3.17
		10.8	10.67 *	12/03/03	5.80	4.87
		10.8	10.67 *	09/15/03	6.03	4.64
		10.8	10.67 *	06/24/03	5.60	5.07
		10.8	10.67 *	04/08/03	5.36	5.31
		10.8	10.67 *	12/10/02	5.78	4.89
		10.8	10.67 *	09/13/02	6.21	4.46
		10.8	10.67 *	07/09/02	5.76	4.91
Second	M038-B	14.9	14.97 *	11/10/04	10.85	4.12
		14.9	14.97 *	06/14/04	11.26	3.71
		14.9	14.97 *	03/02/04	9.70	5.27
		14.9	14.97 *	12/03/03	11.12	3.85
		14.9	14.97 *	09/15/03	10.21	4.76
		14.9	14.97 *	06/24/03	11.15	3.82
		14.9	14.97 *	04/08/03	10.84	4.13
		14.9	14.97 *	12/10/02	11.06	3.91
		14.9	14.97 *	09/13/02	11.44	3.53
		14.9	14.97 *	07/15/02	11.35	3.62
Second	M039-B	16.3	16.44 *	11/10/04	11.14	5.30
		16.3	16.44 *	06/14/04	12.70	3.74

Table 2-2
Summary of Groundwater Level Measurements at Installation Restoration Site 2
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
Second	M039-B	16.3	16.44 *	03/02/04	10.96	5.48
		16.3	16.44 *	12/03/03	12.41	4.03
		16.3	16.44 *	09/15/03	12.58	3.86
		16.3	16.44 *	06/24/03	12.60	3.84
		16.3	16.44 *	04/08/03	12.45	3.99
		16.3	16.44 *	12/10/02	12.47	3.97
		16.3	16.44 *	07/15/02	12.90	3.54

Notes:
BTOC = below top of casing
msl = mean sea level
NC = Groundwater elevation not calculated
NM = Water level not measured

* = Surveyed to NGVD 29 by Calvada Surveying in September 2002. Subsequently converted to NAVD 88 by Shaw Environmental, Inc. using the Corpscon software.
§ = Measured prior to purging well for sampling
† = Well under artesian conditions.
‡ = Well used only for water level measurements. Not scheduled for sampling in the monitoring program.

Table 2-3

Groundwater Sample Analytical Results at IR Site 2: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

Innovative
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Solutions, Inc.

Table 2-3

Groundwater Sample Analytical Results at IR Site 2: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	442-MW1	2004 04 (Winter)	**200**	< 50.0	**180 J**	< 50.0	**380**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	**0.20 J**	< 0.50	< 0.50	< 0.50	**0.20 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 200	< 300	< 200	< 50.0	< 300	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.33 J**	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 200	< 300	< 200	< 50.0	< 300	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0	**0.40 J**	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0 UJ	< 300	**0.10 J**	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	**0.50 J**	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
		2002 04 (Winter)	< 50.0 J	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.30 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 40.0 UJ	< 40.0 UJ	< 240 UJ	< 50.0	< 240	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M010-A	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M011-A	2004 04 (Winter)	**1,500**	**150**	**1,100**	< 50.0	**2,750**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	**0.40 J**	< 0.50	< 0.50	< 0.50	**0.60**	< 0.50	**0.20 J**	**0.80**	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	**0.40 J**	< 0.50	< 0.50	< 0.50	**0.90**	< 0.50	< 0.50	**0.80**	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	**0.28 J**	< 1.0	< 1.0 UJ	< 1.0 UJ	**0.59 J**	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	**0.51 J**	< 1.0	< 1.0	< 1.0	**0.97 J**	< 1.0	**0.20 J**	**0.84**	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	**0.41 J**	< 1.0	< 1.0	< 1.0	**1.1**	< 1.0	< 1.0	**0.77**	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	**0.80**	< 0.50	**0.20 J**	**0.50**	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	**0.60**	< 0.50 UJ	< 0.50	< 0.50	**0.80**	< 0.50	< 0.50	**0.90**	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	**0.50**	< 0.50	< 0.50	< 0.50	**1.2**	< 0.50	< 0.50	**1.0**	< 0.50	< 0.50
		2002 02 (Summer)	< 100 UJ	< 100 UJ	< 300 UJ	< 50.0	< 600	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	**0.50 J**	< 0.50	< 0.50	< 0.50	**1.2**	< 0.50	< 0.50	**0.80**	< 0.50	< 0.50
	M012-A	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M013-A	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 300	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50

Table 2-3

Groundwater Sample Analytical Results at IR Site 2: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M013-A	2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 100 UJ	< 100 UJ	< 600 UJ	< 50.0	< 600	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M014-A	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	**51.0**	**51.0**	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 200	< 300	< 200	< 50.0	< 300	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 100 UJ	< 100 UJ	< 600 UJ	< 50.0	< 600	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M016-A	2004 04 (Winter)	**560**	**70.0**	**280 J**	< 50.0	**910**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	**0.20 J**	< 0.50	< 0.50	< 0.50	**0.20 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	**0.60**	< 0.50	< 0.50	< 0.50	**0.20 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J
		2004 01 (Spring)	**100 J**	< 280	< 190	< 50.0	**100**	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	**1.2**	< 1.0	< 1.0	< 1.0	**0.34 J**	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	**0.24 J**	< 1.0	< 1.0	< 1.0	**0.23 J**	< 1.0 UJ	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	**0.23 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	**0.53 J**	< 1.0 UJ	< 1.0	< 1.0	**0.25 J**	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	**0.10 J**	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	**1.6 J**	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	**0.40 J**	< 0.50 UJ	**0.30 J**	< 0.50 UJ	< 0.50 UJ	**0.20 J**
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**1.6 J**	< 0.50	< 0.50	< 0.50	< 0.50	**0.30 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	**0.30 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	**0.70**	< 0.50	< 0.50	< 0.50	**0.30 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M016-E	2004 04 (Winter)	**860**	**110**	**370**	< 50.0	**1,340**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.20 J**	< 0.50	**0.20 J**	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.20 J**	< 0.50	< 0.50	< 0.50 J
		2004 01 (Spring)	**160 J**	< 280	< 190	< 50.0	**160**	< 0.50 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	**1.9 J**	< 5.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.20 J**	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.25 J**	< 1.0 UJ	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	**0.27 J**	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	**0.30 J**	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	**0.30 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.30 J**	< 0.50	< 0.50	< 0.50
	M017-A	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50
		2004 01 (Spring)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50

Table 2-3

Groundwater Sample Analytical Results at IR Site 2: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M017-A	2003 03 (Fall)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 200	< 290	< 200	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M018-A	2004 04 (Winter)	**150**	< 50.0	< 300	< 50.0	**150**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 200	< 290	< 200	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 200	< 290	< 200	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**1.8 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M018-E	2004 04 (Winter)	**780**	**66.0**	**160 J**	< 50.0	**1,006**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M019-A	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0 UJ	< 300	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50
	M019-E	2004 04 (Winter)	**67.0**	< 50.0	< 300	< 50.0	**67.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 200	< 290	< 200	< 50.0	< 300	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Table 2-3

Groundwater Sample Analytical Results at IR Site 2: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M020-A	2004 04 (Winter)	**100**	< 50.0	**190 J**	< 50.0	**290**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50
		2004 01 (Spring)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190 UJ	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0 J	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50
	M020-E	2004 04 (Winter)	**120**	< 150	< 300	< 50.0	**360**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 200	< 300	< 200	< 50.0	< 300	< 0.50 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 2.0	< 5.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 2.0	< 5.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190 UJ	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
		2002 04 (Winter)	**100**	< 50.0	**100 J**	< 50.0	**200**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M021-A	2004 04 (Winter)	**110**	< 50.0	< 300	< 50.0	**110**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50
	M021-E	2004 04 (Winter)	**280**	< 50.0	< 300	< 50.0	**280**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 2.0	< 5.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190 UJ	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Table 2-3

Groundwater Sample Analytical Results at IR Site 2: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M021-E	2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M022-A	2004 04 (Winter)	2,500	170	3,400	50.0 J	6,070	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	0.20 J	< 0.50	0.20 J	1.9	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0	0.30 J	< 1.0	< 1.0	1.5	< 1.0	0.40 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		2004 01 (Spring)	220	< 290	190 J	< 50.0	410	< 0.50 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 2.0	< 5.0	0.29 J	< 1.0 UJ	< 1.0 UJ	1.5 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	110 J	< 280	140 J	< 50.0	250	< 0.50 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 2.0 UJ	< 5.0	0.29 J	< 1.0 UJ	< 1.0 UJ	2.3 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	210	< 280	< 190	< 50.0	210	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	320	< 280	110 J	< 50.0	865	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	0.29 J	< 1.0	< 1.0	2.1	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	0.40 J	< 0.50	0.10 J	2.3	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	1.7	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	36.0 J	36.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.4 J	< 0.50	0.30 J	< 0.50	< 0.50	1.9	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M022-E	2004 04 (Winter)	720	85.0	< 300	< 50.0	805	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.10 J	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	8.0 J	8.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 2.0	< 5.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	110 J	< 280	160 J	< 50.0	270	< 0.50 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 2.0 UJ	< 5.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	100 J	< 280	< 190	< 50.0	100	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	0.10 J	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M023-A	2004 04 (Winter)	650	56.0	300	< 50.0	1,006	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	0.50	< 0.50	< 0.50	0.80	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	0.10 J	< 0.50	< 0.50	0.70	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	110 J	< 290	140 J	< 50.0	250	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	0.30 J	< 1.0	< 1.0	0.98 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	0.30 J	< 1.0	< 1.0	0.91 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	250	< 290	250	< 50.0	500	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	0.40 J	< 1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	110 J	< 280	< 190	< 50.0	110	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	0.26 J	< 1.0	< 1.0	0.67 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	0.50	< 0.50	< 0.50	0.80	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	36.0 J	36.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	0.50	< 0.50	< 0.50	0.80	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	28.0 J	28.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 UJ	< 0.50	0.60	< 0.50	< 0.50	1.1	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	2.6	< 0.50	< 0.50	2.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M023-E	2004 04 (Winter)	1,700	280	220 J	< 50.0	2,200	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50
		2004 01 (Spring)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 200	< 310	< 200	< 50.0	< 310	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50

Table 2-3

Groundwater Sample Analytical Results at IR Site 2: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M023-E	2003 01 (Spring)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0 UJ	< 300	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	0.70 J	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.40 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.60 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M024-A	2004 04 (Winter)	4,900	970	5,200	370	11,440	8.1	< 1.7	< 1.7	< 1.7	< 1.7	< 6.7	< 1.7	270	0.40 J	2.0	11.0	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
		2004 02 (Summer)	70.0	140	< 300	470	680	20.0	0.10 J	0.20 J	0.30 J	0.50	0.10 J	< 0.50	180	0.40 J	2.6	11.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	660	340	98.0 J	590	1,688	19.0	0.39 J	< 1.0	< 1.0	0.57 J	< 2.0	< 5.0	260	0.54 J	2.9	16.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	190	< 290	< 190	540	730	4.9 J	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	1.1 J	< 5.0 UJ	390 J	0.45 J	2.1 J	13.0 J	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 0.50 UJ	< 1.0 UJ	< 0.50 UJ
		2003 03 (Fall)	210	230 J	< 200	520	960	10.0	0.29 J	< 1.0	< 1.0	0.32 J	1.6 J	< 5.0	250 J	0.43 J	2.7	12.0	< 1.0	< 1.0	< 1.0	0.24 J	< 1.0	< 1.0	< 0.50	< 1.0	0.62
		2003 02 (Summer)	630	250 J	< 190	540	1,420	17.0	0.37 J	< 1.0	< 1.0	0.55 J	1.8 J	< 5.0	220	0.39 J	2.2	10.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	77.0 J	120 J	< 300 UJ	< 470 UJ	197	14.0 J	0.40 J	0.20 J	0.30 J	0.40 J	0.60 J	< 0.50 UJ	210 J	< 0.50 UJ	2.1 J	12.0 J	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	0.30 J	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	0.10 J
		2002 04 (Winter)	110	160	< 300	740	1,010	17.0	< 1.0	< 1.0	< 1.0	0.60 J	2.1 J	< 1.0	370	0.90 J	2.1	24.0	< 1.0	1.7	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		2002 03 (Fall)	29.0 J	< 50.0	< 300	450	479	12.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0	290	< 1.0	1.6	9.6	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		2002 02 (Summer)	76.0 J	87.0 J	< 300 UJ	450	613	15.0	0.40 J	0.20 J	< 0.50	0.40 J	0.70 J	< 0.70	230	0.40 J	2.1	8.9	< 0.50	< 0.50	< 0.50	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M024-E	2004 04 (Winter)	1,400	200	390	130	2,120	1.3	0.20 J	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	89.0	0.20 J	0.30 J	1.7	< 0.50	< 0.50	< 0.50	0.60	< 0.50	< 0.50	0.20 J	< 0.50	0.40 J
		2004 02 (Summer)	< 50.0	< 50.0	< 300	96.0	96.0	1.1	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	62.0	0.10 J	0.20 J	1.3	< 0.50	0.40 J	< 0.50	0.80	< 0.50	< 0.50	0.20 J	< 0.50	0.40 J
		2004 01 (Spring)	< 190	< 290	< 190	55.0	55.0	0.70	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	37.0	< 1.0	< 1.0	0.98 J	< 1.0	< 1.0	< 1.0	0.60 J	< 1.0	< 1.0	< 0.50	< 1.0	0.44 J
		2003 04 (Winter)	< 190	< 280	< 190	52.0	52.0	0.29 J	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	31.0	< 1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	0.56 J	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	130 J	< 290	110 J	54.0	559	0.59	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	38.0	< 1.0	< 1.0	1.3	< 1.0	< 1.0	< 1.0	0.81 J	< 1.0	< 1.0	< 0.50	< 1.0	0.51
		2003 02 (Summer)	< 190	< 290	< 190	64.0	64.0	0.62	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	43.0	< 1.0	< 1.0	1.2	< 1.0	< 1.0	< 1.0	0.83 J	< 1.0	< 1.0	< 0.50	< 1.0	0.59
		2003 01 (Spring)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 97.0 UJ	< 300	1.1 J	0.10 J	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	52.0 J	< 0.50 UJ	0.20 J	1.4 J	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	0.70 J	< 0.50 UJ	< 0.50 UJ	0.20 J	< 0.50 UJ	0.40 J
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 71.0	< 300	0.60	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	39.0	< 0.50	< 0.50	1.4	< 0.50	< 0.50	< 0.50	1.0	< 0.50	< 0.50	< 0.50 J	< 0.50	0.70
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 63.0	< 300	0.80 J	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0	40.0	< 1.0	< 1.0	1.2	< 1.0	< 1.0	< 1.0	0.70 J	< 1.0	< 1.0	< 1.0	< 1.0	0.60 J
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	61.0	61.0	0.90	0.30 J	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	43.0	< 0.50	< 0.50	1.2	< 0.50	< 0.50	< 0.50	0.80	< 0.50	< 0.50	< 0.50	< 0.50	0.70
	M036-A	2004 04 (Winter)	5,300	1,300	1,700	110	8,410	1.4	0.70	0.20 J	0.20 J	0.30 J	< 2.0	< 0.50	49.0	0.60	0.20 J	11.0	< 0.50	< 0.50	< 0.50	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	76.0	76.0	< 300	160	312	1.5	0.30 J	0.10 J	< 0.50	0.30 J	< 2.0	< 0.50	50.0	0.70	0.30 J	9.9	< 0.50	< 0.50	< 0.50	0.10 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	750	< 290	240	170	1,160	1.2	0.54 J	< 1.0	< 1.0	0.35 J	1.5 J	< 5.0	48.0	0.62 J	0.25 J	10.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	180 J	< 280	< 190	150	330	1.6 J	0.78 J	< 1.0 UJ	< 1.0 UJ	0.37 J	0.74 J	< 5.0	44.0 J	0.84 J	0.30 J	12.0 J	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	680	< 280	140 J	160	980	0.94 J	0.62 J	< 1.0 UJ	< 1.0 UJ	0.53 J	< 2.0	< 5.0	40.0 J	0.78 J	0.36 J	11.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	5,100	250 J	4,600	150	10,100	2.6	0.69 J	< 1.0	< 1.0	0.42 J	< 2.0	< 5.0	44.0	0.58 J	0.21 J	9.7	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	59.0 J	59.0 J	< 300 UJ	140 J	258	0.80 J	0.60 J	< 0.50 UJ	< 0.50 UJ	0.60 J	0.60 J	< 0.50 UJ	39.0 J	0.60 J	0.30 J	9.7 J	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	0.10 J	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
		2002 04 (Winter)	200	110	77.0 J	160	547	2.3	0.60	< 0.50	< 0.50	0.40 J	1.5 J	< 0.50	59.0	0.70	0.30 J	12.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	48.0 J	56.0	< 300	130	234	3.1	0.60	< 0.50	< 0.50	0.30 J	< 2.0	< 0.50	58.0	0.70	< 0.50	11.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	50.0 J	60.0 J	< 300 UJ	160	270	1.4	0.50 J	< 0.50	< 0.50	0.40 J	0.30 J	< 0.50	42.0	0.70	0.30 J	11.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M036-E	2004 04 (Winter)	3,100	540	540	< 50.0	4,180	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	23.0 J	23.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 2.0	< 5.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50

Table 2-3

Groundwater Sample Analytical Results at IR Site 2: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M036-E	2003 03 (Fall)	310	< 280	< 190	< 50.0	310	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0 UJ	< 300	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M037-A	2004 04 (Winter)	8,400	1,900	2,400	290	12,990	24.0	0.30 J	0.20 J	< 1.3	< 1.3	< 5.0	< 1.3	160	< 1.3	< 1.3	9.4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
		2004 02 (Summer)	41.0 J	< 50.0	< 300	160	463	12.0	< 0.50	0.10 J	0.30 J	< 1.0	0.40 J	< 0.50	100	< 0.50	< 0.50	5.4	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	1,100	230 J	230	230	1,790	19.0	0.27 J	< 1.0	0.51 J	< 1.0	2.7	< 5.0	130	< 1.0	< 1.0	9.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	340	< 280	< 190	350	690	47.0 J	1.5 J	0.56 J	1.3 J	0.64 J	7.0 J	0.52 J	280 J	< 1.0 UJ	0.34 J	18.0 J	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	1,400	230 J	310	370	2,310	20.0 J	0.23 J	< 1.0 UJ	0.85 J	0.55 J	6.3 J	< 5.0 UJ	170 J	0.21 J	0.28 J	14.0 J	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 0.50 UJ	< 1.0 UJ	< 0.50 UJ
		2003 02 (Summer)	7,900	240 J	6,800	280	15,220	24.0	0.21 J	0.27 J	0.69 J	0.36 J	5.3	< 5.0	200	< 1.0	0.20 J	12.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	220 J	220	20.0 J	0.30 J	0.20 J	0.60 J	0.50 J	3.7 J	< 0.50 UJ	140 J	0.10 J	< 0.50 UJ	11.0 J	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
		2002 04 (Winter)	470	140	180 J	250	1,040	0.30 J	< 0.50 UJ	< 0.50 J	0.50 J	0.30 J	4.3	< 0.50	2.6 J	< 0.50 UJ	< 0.50 J	12.0 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	60.0	58.0	< 300	280	398	27.0	0.40 J	0.40 J	0.90	0.40 J	7.2	0.30 J	170	< 0.50	< 0.50	12.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	60.0 J	< 50.0 UJ	< 300 UJ	200	260	12.0	< 0.50	< 0.50 J	0.40 J	< 0.50	3.4	< 0.50	83.0	< 0.50	< 0.50	7.4	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M037-E	2004 04 (Winter)	770	120	200 J	< 50.0	1,090	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 200	< 290	< 200	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 2.0 UJ	< 5.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 280	< 190	< 50.0	< 280	< 0.50 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 2.0	< 5.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	680	< 280	600	< 50.0	1,280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0 UJ	< 300	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
		2002 04 (Winter)	25.0 J	< 50.0	< 300	< 50.0	25.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M038-A	2004 04 (Winter)	6,400	1,600	1,300	< 50.0	9,300	6.8	0.30 J	0.30 J	0.30 J	0.80	< 2.0	< 0.50	3.6	< 0.50	< 0.50	20.0	< 0.50	< 0.50	< 0.50	0.40 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 56.0	< 300	3.2	< 0.50	1.4	0.50 J	1.2	2.0 J	< 0.50	1.2	0.20 J	< 0.50	4.8	< 0.50	< 0.50	< 0.50	0.10 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	400	220 J	330	80.0	1,030	6.5 J	0.21 J	0.32 J	0.44 J	0.81 J	< 2.0	< 5.0	3.6 J	0.40 J	< 1.0 UJ	18.0 J	< 1.0	< 1.0	< 1.0	0.32 J	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	150 J	< 290	140 J	63.0	353	5.7	0.51 J	0.51 J	0.90 J	1.5	2.5	< 5.0	3.2	0.26 J	< 1.0	13.0	< 1.0	< 1.0	< 1.0	0.34 J	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	2,600	220 J	1,100	23.0 J	3,943	2.3	0.53 J	0.82 J	1.5	1.1	1.5 J	< 5.0	0.50 J	< 1.0	< 1.0	1.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	610	< 280	130 J	60.0 J	800	3.3 J	0.34 J	2.1 J	0.40 J	1.7 J	4.4 J	< 5.0 UJ	1.2 J	< 1.0 UJ	< 1.0 UJ	4.4 J	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 0.50 UJ	< 1.0 UJ	< 0.50 UJ
		2003 01 (Spring)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 94.0 UJ	< 300	7.0 J	0.20 J	0.20 J	0.20 J	0.80 J	1.0 J	< 0.50 UJ	3.2 J	0.30 J	< 0.50 UJ	13.0 J	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	0.40 J	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
		2002 04 (Winter)	350	96.0	230 J	150	826	6.0	0.30 J	< 0.50 J	< 0.50	1.2	2.4	< 0.50	4.8	0.60	< 0.50	22.0	< 0.50	< 0.50	< 0.50	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 76.0	< 300	3.6	0.60 J	1.9	0.80 J	1.1	2.8 J	< 1.0	1.1	< 1.0	< 1.0	4.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	70.0	70.0	2.9	0.80	2.5	1.0	1.5	3.4	< 0.50	0.90	< 0.50	< 0.50	3.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M038-E	2004 04 (Winter)	1,500	310	390	< 50.0	2,200	< 0.50	< 0.50	0.090 J	< 0.50	< 0.50	< 2.0 UJ	< 0.50	< 0.50	< 0.50	< 0.50	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50

Table 2-3

Groundwater Sample Analytical Results at IR Site 2: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M038-E	2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	**140 J**	< 300	**120 J**	< 50.0	**260**	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0 UJ	< 300	< 0.50 UJ	< 0.50 UJ	**0.10 J**	< 0.50 UJ	< 0.50 UJ	**0.40 J**	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	**0.10 J**	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
		2002 04 (Winter)	**93.0**	< 50.0	< 300	< 50.0	**93.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	**1.1 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M039-A	2004 04 (Winter)	**8,900**	**1,800**	**8,800**	**110**	**19,610**	**1.9**	**0.70**	**2.0**	**2.7**	**1.9**	**99.0**	< 0.50	**5.8**	**0.40 J**	**0.10 J**	**5.7**	< 0.50	< 0.50	< 0.50	**0.10 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	**120**	**270**	< 300	**180**	**570**	**1.3 J**	**0.80 J**	**3.8**	**5.2**	**2.2**	**260**	< 1.7	**6.0**	< 1.7	< 1.7	**7.1**	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7 J	< 1.7
		2004 01 (Spring)	**1,100**	**250 J**	**170 J**	**580**	**4,240**	**3.4**	**1.1**	**4.4**	**6.7**	**4.2**	**290**	< 5.0	**6.5**	**0.64 J**	**0.50 J**	**11.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	**620**	< 290	< 190	**510**	**1,130**	**2.0**	**1.6**	**6.0**	**8.3**	**5.1**	**200**	< 5.0	**8.8**	**0.63 J**	< 1.0	**9.9**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	**1,300**	**260 J**	**270**	**330**	**2,160**	**2.1 J**	**1.1 J**	**3.0 J**	**4.4 J**	**3.0 J**	**120**	< 5.0	**7.1 J**	**0.53 J**	< 1.0 UJ	**7.6 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	**6,900**	**440**	**5,000**	**510**	**12,850**	**1.6**	**1.1**	**5.0**	**7.5**	**4.1**	**210**	< 5.0	**6.8**	**0.42 J**	< 1.0	**7.2**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	**48.0 J**	**100 J**	< 300 UJ	**160 J**	**308**	**2.3 J**	**1.1 J**	**5.2 J**	**8.1 J**	**4.0 J**	**260 J**	< 0.50 UJ	**5.7 J**	**0.40 J**	< 0.50 UJ	**7.3 J**	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	**0.20 J**	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
		2002 04 (Winter)	**83.0**	**160**	< 300	**190**	**433**	**5.6**	**1.0**	**3.4**	**6.2**	**3.2**	**150**	< 0.50	**5.8**	**0.80**	< 0.50 J	**12.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	**56.0**	**78.0**	< 300	< 98.0	**134**	**2.0**	**0.80**	**1.5**	**2.3**	**1.4**	**23.0**	**0.30 J**	**6.8**	**0.40 J**	< 0.50	**6.4**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	**37.0 J**	< 40.0 UJ	< 240 UJ	**110**	**147**	**2.3**	**0.80**	< 0.50	< 0.50	**0.80**	**0.30 J**	< 0.50	**6.3**	**0.40 J**	< 0.50	**5.7**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
SWBZ	M010-B	2004 04 (Winter)	**73.0**	< 50.0	< 300	< 50.0	**73.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	**0.20 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 200	< 300	< 200	< 50.0	< 300	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50
	M012-B	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	**0.50 J**	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M013-C	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 200	< 300	< 200	< 50.0	< 300	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M014-B	2004 04 (Winter)	**51.0**	**3,200**	< 300	< 50.0	**3,251**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Table 2-3

Groundwater Sample Analytical Results at IR Site 2: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWBZ	M014-B	2003 04 (Winter)	< 190	< 280	**130 J**	< 50.0	**130**	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M016-B	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	**0.10 J**	**0.40 J**	**0.10 J**	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50
	M020-B	2004 04 (Winter)	**58.0**	< 50.0	**91.0 J**	< 50.0	**149**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190 UJ	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M021-C	2004 04 (Winter)	**150**	< 50.0	< 300	< 50.0	**150**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 2.0 UJ	< 5.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50
	M023-B	2004 04 (Winter)	**120**	< 50.0	< 300	< 50.0	**120**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	**12.0 J**	**12.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	**32.0 J**	**32.0**	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 2.0	< 0.50	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M023-C	2004 04 (Winter)	**140**	< 50.0	< 300	< 50.0	**140**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190 UJ	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	**25.0 J**	**25.0**	< 0.50 UJ	**0.50 J**	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 2.0	< 0.50	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M036-B	2004 04 (Winter)	**600**	< 50.0	**450**	**50.0 J**	**1,050**	< 0.50	**0.10 J**	**0.060 J**	< 0.50	< 0.50	< 2.0	< 0.50	**0.20 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 2.0 UJ	< 5.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	**360**	< 280	**560**	< 50.0	**920**	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50

Table 2-3

Groundwater Sample Analytical Results at IR Site 2: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWBZ	M036-B	2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	**0.60**	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M037-B	2004 04 (Winter)	**56.0**	< 50.0	< 300	< 50.0	**56.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 290	< 0.50 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	**2.1**	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M038-B	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 290	**130 J**	< 50.0	**130**	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M039-B	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Table 2-4

Groundwater Sample Analytical Results at IR Site 2: Semivolatile Organic Compounds

Summer 2002 through Winter 2004

**Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California**

**Innovative
Technical
Solutions, Inc.**

Table 2-4
Groundwater Sample Analytical Results at IR Site 2: Semivolatile Organic Compounds
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Detected SVOCs																								
			Acenaphthene	Anthracene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Benzoic acid	bis(2-Ethylhexyl)phthalate	2-Chlorophenol	Dibenzofuran	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	Hexachlorocyclopentadiene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Methylphenol (p-Cresol)	4-Nitrophenol	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	4.0	NA	NA	600	NA	5.0	NA	NA	NA	50.0	NA	NA	NA	NA	NA	1.0	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.9	NA	NA
FWBZ	442-MW1	2004 04 (Winter)	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	**11.0 J**	**1.5 J**	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 9.8	< 9.8	< 20.0	< 9.8	< 20.0	< 9.8	< 9.8
		2004 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 J	**57.0**	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 J	< 9.4	< 9.4	< 9.4	< 19.0 J	< 9.4	< 19.0	< 9.4	< 9.4
		2004 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 03 (Fall)	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 20.0	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9	< 50.0	< 9.9	< 50.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	**15.0**	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0 UJ	< 9.4	< 19.0	< 9.4	< 9.4
		2002 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
	M011-A	2004 04 (Winter)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	**11.0 J**	**2.0 J**	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 19.0	< 9.7	< 19.0	< 9.7	< 9.7
		2004 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	**1.3 J**	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 19.0 J	< 9.5	< 19.0	< 9.5	< 9.5
		2004 01 (Spring)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 03 (Fall)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	**14.0 J**	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 01 (Spring)	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 50.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 50.0	< 10.0	< 10.0	< 10.0	< 20.0	< 10.0	< 20.0	< 10.0	< 10.0
		2002 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
		2002 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M012-A	2004 04 (Winter)	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 50.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 50.0	< 10.0	< 10.0	< 10.0	< 20.0	< 10.0	< 20.0	< 10.0	< 10.0
		2004 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
		2004 01 (Spring)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	**13.0 J**	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 03 (Fall)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	**13.0 J**	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 9.7	< 48.0	< 9.7	< 48.0
		2003 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
	M013-A	2004 04 (Winter)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 19.0	< 9.7	< 19.0	< 9.7	< 9.7
		2004 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 19.0 J	< 9.5	< 19.0	< 9.5	< 9.5
		2004 01 (Spring)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 04 (Winter)	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 50.0	< 20.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 50.0	< 10.0	< 50.0	< 10.0	< 50.0
		2003 03 (Fall)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 19.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 48.0	< 9.6	< 48.0
		2003 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 01 (Spring)	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9	< 9.9	< 9.9	< 20.0	< 9.9	< 20.0	< 9.9	< 9.9
		2002 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5

Table 2-4
Groundwater Sample Analytical Results at IR Site 2: Semivolatile Organic Compounds
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Detected SVOCs																								
			Acenaphthene	Anthracene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Benzoic acid	bis(2-Ethylhexyl)phthalate	2-Chlorophenol	Dibenzofuran	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	Hexachlorocyclopentadiene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Methylphenol (p-Cresol)	4-Nitrophenol	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	4.0	NA	NA	600	NA	5.0	NA	NA	NA	50.0	NA	NA	NA	NA	NA	1.0	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.9	NA	NA
FWBZ	M013-A	2002 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M014-A	2004 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2004 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 J	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 J	< 9.4	< 9.4	< 9.4	< 19.0 J	< 9.4	< 19.0	< 9.4	< 9.4
		2004 01 (Spring)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 03 (Fall)	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 20.0	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 49.0	< 9.8	< 49.0
		2003 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	4.2 J	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
		2002 03 (Fall)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 UJ	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
		2002 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M016-A	2004 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2004 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 J	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2004 01 (Spring)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 03 (Fall)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	0.93 J	< 9.4	5.8 J	< 9.4	< 47.0	< 9.4	< 9.4	0.85 J	5.4 J	< 9.4	3.0 J	0.56 J	< 9.4
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 03 (Fall)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7 UJ	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0 UJ	< 9.7	< 9.7	< 9.7	< 19.0	< 9.7	< 19.0	< 9.7	< 9.7
		2002 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	6.8 J	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M016-E	2004 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2004 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 J	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2004 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 03 (Fall)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 19.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 9.7	< 48.0	< 9.7	< 48.0
		2003 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 03 (Fall)	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8 UJ	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0 UJ	< 9.8	< 9.8	< 9.8	< 20.0	< 9.8	< 20.0	< 9.8	< 9.8
		2002 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M017-A	2004 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2004 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
		2004 01 (Spring)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 19.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 9.7	< 48.0	< 9.7	< 48.0
		2003 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 03 (Fall)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 02 (Summer)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 19.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 48.0	< 9.6	< 48.0

Table 2-4
Groundwater Sample Analytical Results at IR Site 2: Semivolatile Organic Compounds
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Detected SVOCs																								
			Acenaphthene	Anthracene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Benzoic acid	bis(2-Ethylhexyl)phthalate	2-Chlorophenol	Dibenzofuran	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	Hexachlorocyclopentadiene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Methylphenol (p-Cresol)	4-Nitrophenol	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	4.0	NA	NA	600	NA	5.0	NA	NA	NA	50.0	NA	NA	NA	NA	NA	1.0	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.9	NA	NA
FWBZ	M017-A	2003 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M018-A	2004 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2004 02 (Summer)	< 13.0	< 13.0	< 13.0	< 13.0	< 13.0	< 13.0	< 63.0 J	< 13.0	< 13.0	< 13.0	< 13.0	< 13.0	< 13.0	< 13.0	< 13.0	< 13.0	< 63.0	< 13.0	< 13.0	< 13.0	< 25.0	< 13.0	< 25.0	< 13.0	< 13.0
		2004 01 (Spring)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	13.0 J	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 04 (Winter)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 19.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 9.7	< 48.0	< 9.7	< 48.0
		2003 03 (Fall)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 19.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 9.7	< 48.0	< 9.7	< 48.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M018-E	2004 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2004 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
		2003 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M019-A	2004 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2004 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 J	< 9.4 J	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 J	< 9.4	< 9.4	< 9.4	< 19.0 J	< 9.4	< 19.0	< 9.4	< 9.4
		2004 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 03 (Fall)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 01 (Spring)	< 9.6 UJ	< 9.6 UJ	< 9.6 UJ	< 9.6 UJ	< 9.6 UJ	< 9.6 UJ	< 48.0 UJ	< 9.6 UJ	-	< 9.6 UJ	< 9.6 UJ	< 9.6 UJ	< 9.6 UJ	< 9.6 UJ	-	< 9.6 UJ	< 48.0 UJ	< 9.6 UJ	-	-	-	< 9.6 UJ	-	-	-
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0 UJ	< 9.4	< 19.0	< 9.4	< 9.4
		2002 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0 UJ	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0	< 9.6	< 19.0	< 9.6	< 9.6
	M019-E	2004 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2004 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	5.7 J	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 19.0 J	< 9.5	< 19.0	< 9.5	< 9.5
		2003 04 (Winter)	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 20.0	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 49.0	< 9.8	< 49.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0 UJ	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 47.0 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 47.0 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 19.0 UJ	< 9.4 UJ	< 19.0 UJ	< 9.4 UJ	< 9.4 UJ
	M020-A	2004 04 (Winter)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 19.0	< 9.7	< 19.0	< 9.7	< 9.7
		2004 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0 J	< 9.5	< 19.0	< 9.5	< 9.5

Table 2-4
Groundwater Sample Analytical Results at IR Site 2: Semivolatile Organic Compounds
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Detected SVOCs																								
			Acenaphthene	Anthracene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Benzoic acid	bis(2-Ethylhexyl)phthalate	2-Chlorophenol	Dibenzofuran	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	Hexachlorocyclopentadiene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Methylphenol (p-Cresol)	4-Nitrophenol	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	4.0	NA	NA	600	NA	5.0	NA	NA	NA	50.0	NA	NA	NA	NA	NA	1.0	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.9	NA	NA
FWBZ	M020-A	2004 01 (Spring)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 04 (Winter)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 19.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6 UJ	< 48.0	< 9.6	< 48.0
		2003 03 (Fall)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 01 (Spring)	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9	< 9.9	< 9.9	< 20.0	< 9.9	< 20.0	< 9.9	< 9.9
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	12.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0 UJ	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 9.8	< 9.8	< 20.0	< 9.8	< 20.0	< 9.8	< 9.8
	M020-E	2004 04 (Winter)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	8.7 J	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 19.0	< 9.7	< 19.0	< 9.7	< 9.7
		2004 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 J	5.7 J	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2004 01 (Spring)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5 UJ	< 47.0	< 9.5	< 47.0
		2003 03 (Fall)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 01 (Spring)	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9	< 9.9	< 9.9	< 20.0	< 9.9	< 20.0	< 9.9	< 9.9
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0 UJ	< 9.4	< 19.0	< 9.4	< 9.4
		2002 03 (Fall)	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8 UJ	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0 UJ	< 9.8	< 9.8	< 9.8	< 20.0	< 9.8	< 20.0	< 9.8	< 9.8
		2002 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M021-A	2004 04 (Winter)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	3.8 J	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0	< 9.6	< 19.0	< 9.6	< 9.6
		2004 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5 J	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 19.0 J	< 9.5	< 19.0	< 9.5	< 9.5
		2004 01 (Spring)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 19.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 48.0	< 9.6	< 48.0
		2003 04 (Winter)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 19.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 9.7 UJ	< 48.0	< 9.7	< 48.0
		2003 03 (Fall)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 19.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 48.0	< 9.6	< 48.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 UJ	13.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0 UJ	< 9.5	< 19.0	< 9.5	< 9.5
		2002 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 9.8	< 9.8	< 20.0	< 9.8	< 20.0	< 9.8	< 9.8
	M021-E	2004 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
		2004 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5 J	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 19.0 J	< 9.5	< 19.0	< 9.5	< 9.5
		2004 01 (Spring)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 19.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 48.0	< 9.6	< 48.0
		2003 04 (Winter)	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 20.0	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9 UJ	< 50.0	< 9.9	< 50.0
		2003 03 (Fall)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 19.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 9.7	< 48.0	< 9.7	< 48.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0 UJ	< 9.5	< 19.0	< 9.5	< 9.5
		2002 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	210	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4

Table 2-4
Groundwater Sample Analytical Results at IR Site 2: Semivolatile Organic Compounds
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Detected SVOCs																								
			Acenaphthene	Anthracene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Benzoic acid	bis(2-Ethylhexyl)phthalate	2-Chlorophenol	Dibenzofuran	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	Hexachlorocyclopentadiene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Methylphenol (p-Cresol)	4-Nitrophenol	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	4.0	NA	NA	600	NA	5.0	NA	NA	NA	50.0	NA	NA	NA	NA	NA	1.0	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.9	NA	NA
FWBZ	M022-A	2004 04 (Winter)	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	1.4 J	0.37 J	< 9.8	< 9.8	< 49.0	< 9.8	< 9.8	< 9.8	< 20.0	0.34 J	< 20.0	< 9.8	< 9.8
		2004 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	1.2 J	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 19.0 J	< 9.5	< 19.0	< 9.5	< 9.5
		2004 01 (Spring)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 19.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 9.7	< 48.0	< 9.7	< 48.0
		2003 04 (Winter)	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 20.0	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8 UJ	< 49.0	< 9.8	< 49.0
		2003 03 (Fall)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 19.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 48.0	< 9.6	< 48.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 01 (Spring)	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	-	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 9.8	< 9.8	< 20.0	< 9.8	< 20.0	< 9.8	< 9.8
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	1.1 J	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0 UJ	< 9.4	< 19.0	< 9.4	< 9.4
		2002 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	1.6 J	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	1.3 J	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M022-E	2004 04 (Winter)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 19.0	< 9.7	< 19.0	< 9.7	< 9.7
		2004 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	5.9 J	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 19.0 J	< 9.5	< 19.0	< 9.5	< 9.5
		2004 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 04 (Winter)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 19.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6 UJ	< 48.0	< 9.6	< 48.0
		2003 03 (Fall)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 19.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 9.7	< 48.0	< 9.7	< 48.0
		2003 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0 UJ	< 9.4	< 19.0	< 9.4	< 9.4
		2002 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	-	< 9.7	< 9.7	< 9.7	< 19.0	< 9.7	< 19.0	< 9.7	< 9.7
	M023-A	2004 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2004 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
		2004 01 (Spring)	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	320	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9	< 50.0	< 9.9	< 50.0
		2003 04 (Winter)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 19.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6 UJ	< 48.0	< 9.6	< 48.0
		2003 03 (Fall)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 01 (Spring)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 19.0	< 9.7	< 19.0	< 9.7	< 9.7
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0 UJ	< 9.4	< 19.0	< 9.4	< 9.4
		2002 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	0.89 J	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 47.0 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	1.2 J	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 47.0 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 19.0 UJ	< 9.4 UJ	< 19.0 UJ	< 9.4 UJ	< 9.4 UJ
	M023-E	2004 04 (Winter)	0.51 J	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	19.0 J	8.8 J	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2004 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0 J	< 9.4	< 19.0	< 9.4	< 9.4
		2004 01 (Spring)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 02 (Summer)	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 50.0	< 20.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 50.0	< 10.0	< 50.0	< 10.0	< 50.0
		2003 01 (Spring)	0.65 J	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 47.0 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 47.0 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 19.0 UJ	< 9.4 UJ	< 19.0 UJ	< 9.4 UJ	< 9.4 UJ
		2002 04 (Winter)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0 UJ	< 9.6	< 19.0	< 9.6	< 9.6

Table 2-4
Groundwater Sample Analytical Results at IR Site 2: Semivolatile Organic Compounds
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Detected SVOCs																								
			Acenaphthene	Anthracene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Benzoic acid	bis(2-Ethylhexyl)phthalate	2-Chlorophenol	Dibenzofuran	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	Hexachlorocyclopentadiene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Methylphenol (p-Cresol)	4-Nitrophenol	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	4.0	NA	NA	600	NA	5.0	NA	NA	NA	50.0	NA	NA	NA	NA	NA	1.0	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.9	NA	NA
FWBZ	M023-E	2002 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	1.7 J	< 9.4	13.0 J	< 9.4	< 9.4
		2002 02 (Summer)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	-	< 9.6	< 9.6	< 9.6	3.9 J	< 9.6	< 19.0	< 9.6	< 9.6
	M024-A	2004 04 (Winter)	7.4 J	< 9.7	< 9.7	1.5 J	0.39 J	< 9.7	< 49.0	1.6 J	1.1 J	1.8 J	< 9.7	1.6 J	7.4 J	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 19.0	1.4 J	< 19.0	< 9.7	< 9.7
		2004 02 (Summer)	1.9 J	< 9.8	< 9.8	0.88 J	< 9.8	< 9.8	< 49.0 J	< 9.8	< 9.8	< 9.8	< 9.8	1.3 J	5.2 J	< 9.8	< 9.8	< 9.8	< 49.0 J	< 9.8	< 9.8	< 9.8	< 20.0 J	1.9 J	< 20.0	< 9.8	< 9.8
		2004 01 (Spring)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	8.3 J	< 9.5	< 9.5	< 9.5	< 9.5	5.1 J	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 04 (Winter)	7.7 J	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 19.0	< 9.7	< 9.7	< 9.7	< 9.7	6.6 J	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 9.7	< 48.0	< 9.7	< 48.0
		2003 03 (Fall)	5.2 J	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 19.0	< 9.6	< 9.6	< 9.6	< 9.6	5.6 J	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 48.0	< 9.6	< 48.0
		2003 02 (Summer)	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 190	< 76.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 190	< 38.0	< 190	< 38.0	< 190
		2003 01 (Spring)	4.6 J	< 9.4	< 9.4	1.4 J	1.4 J	< 9.4	< 47.0	< 9.4	< 9.4	2.2 J	< 9.4	< 9.4	5.4 J	3.4 J	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	6.4 J	< 19.0	< 9.4	< 9.4
		2002 04 (Winter)	1.8 J	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	12.0	< 9.7	< 9.7	< 9.7	0.91 J	10.0	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 19.0	< 9.7	< 19.0	< 9.7	< 9.7
		2002 03 (Fall)	10.0	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0 UJ	11.0	< 9.9	3.0 J	< 9.9	1.1 J	6.6 J	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9	< 9.9	< 9.9	< 20.0	< 9.9	< 20.0	< 9.9	< 9.9
		2002 02 (Summer)	4.8 J	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0 UJ	< 9.8	< 9.8	< 9.8	< 9.8	1.2 J	5.2 J	< 9.8	< 9.8	< 9.8	< 49.0	2.8 J	< 9.8	< 9.8	11.0 J	1.5 J	9.3 J	< 9.8	< 9.8
	M024-E	2004 04 (Winter)	1.5 J	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 9.8	< 9.8	< 20.0	< 9.8	< 20.0	< 9.8	< 9.8
		2004 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	0.72 J	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 19.0 J	< 9.5	< 19.0	< 9.5	< 9.5
		2004 01 (Spring)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 04 (Winter)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 19.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 9.7	< 48.0	< 9.7	< 48.0
		2003 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 01 (Spring)	1.3 J	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	5.5 J	< 19.0	< 9.4	< 9.4
		2002 04 (Winter)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0	< 9.6	< 19.0	< 9.6	< 9.6
		2002 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	0.50 J	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	0.74 J	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M036-A	2004 04 (Winter)	8.6 J	0.29 J	< 9.8	3.0 J	< 9.8	< 9.8	20.0 J	1.3 J	< 9.8	3.7 J	0.51 J	< 9.8	6.7 J	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 9.8	< 9.8	< 20.0	0.73 J	< 20.0	< 9.8	< 9.8
		2004 02 (Summer)	8.3 J	< 9.5	< 9.5	2.8 J	< 9.5	< 9.5	< 48.0 J	7.0 J	< 9.5	3.7 J	< 9.5	< 9.5	6.7 J	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 19.0 J	1.2 J	< 19.0	< 9.5	< 9.5
		2004 01 (Spring)	10.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	5.7 J	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 04 (Winter)	7.7 J	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	5.5 J	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 03 (Fall)	9.4 J	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	10.0 J	< 9.4	< 9.4	< 9.4	< 9.4	6.2 J	< 9.4	< 9.4	< 9.4	< 9.4	5.6 J	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 02 (Summer)	13.0 J	< 19.0	< 19.0	< 19.0	< 19.0	< 19.0	< 95.0	< 38.0 UJ	< 19.0	< 19.0	< 19.0	< 19.0	< 19.0	< 19.0	< 19.0	< 19.0	< 19.0	< 19.0	< 19.0	< 19.0	< 95.0	< 19.0	< 95.0	< 19.0	< 95.0
		2003 01 (Spring)	9.8 J	< 9.4 UJ	< 9.4 UJ	4.3 J	< 9.4 UJ	< 9.4 UJ	< 47.0 UJ	< 9.4 UJ	< 9.4 UJ	4.5 J	< 9.4 UJ	< 9.4 UJ	6.8 J	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 47.0 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	2.4 J	1.1 J	< 19.0 UJ	< 9.4 UJ	< 9.4 UJ
		2002 04 (Winter)	10.0	< 9.4	< 9.4	2.1 J	0.63 J	< 9.4	< 47.0	< 9.4	< 9.4	3.5 J	< 9.4	< 9.4	7.2 J	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	1.5 J	< 19.0	< 9.4	< 9.4
		2002 03 (Fall)	7.7 J	< 9.4	< 9.4	1.8 J	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	2.9 J	< 9.4	< 9.4	7.7 J	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	1.8 J	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	7.4 J	< 9.4 UJ	< 9.4 UJ	2.8 J	< 9.4 UJ	< 9.4 UJ	< 47.0 UJ	< 9.4 UJ	< 9.4 UJ	3.2 J	< 9.4 UJ	< 9.4 UJ	5.3 J	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 47.0 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 19.0 UJ	0.99 J	< 19.0 UJ	< 9.4 UJ	< 9.4 UJ
	M036-E	2004 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
		2004 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	5.9 J	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 19.0 J	< 9.5	< 19.0	< 9.5	< 9.5
		2004 01 (Spring)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 03 (Fall)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 19.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 48.0	< 9.6	< 48.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0

Table 2-4
Groundwater Sample Analytical Results at IR Site 2: Semivolatile Organic Compounds
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Detected SVOCs																								
			Acenaphthene	Anthracene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Benzoic acid	bis(2-Ethylhexyl)phthalate	2-Chlorophenol	Dibenzofuran	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	Hexachlorocyclopentadiene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Methylphenol (p-Cresol)	4-Nitrophenol	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	4.0	NA	NA	600	NA	5.0	NA	NA	NA	50.0	NA	NA	NA	NA	NA	1.0	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.9	NA	NA
FWBZ	M036-E	2003 01 (Spring)	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 47.0 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 47.0 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 19.0 UJ	< 9.4 UJ	< 19.0 UJ	< 9.4 UJ	< 9.4 UJ
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	3.6 J	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 49.0 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 49.0 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 20.0 UJ	< 9.8 UJ	< 20.0 UJ	< 9.8 UJ	< 9.8 UJ
	M037-A	2004 04 (Winter)	2.4 J	< 9.9	< 9.9	< 9.9	3.8 J	< 9.9	11.0 J	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	9.9	< 9.9	< 9.9	< 9.9	< 50.0	5.4 J	< 9.9	< 9.9	< 20.0	2.6 J	< 20.0	< 9.9	< 9.9
		2004 02 (Summer)	2.1 J	< 14.0	< 14.0	< 14.0	2.0 J	< 14.0	< 48.0	< 14.0 J	< 14.0	< 14.0	< 14.0	< 14.0	7.1 J	< 14.0	< 14.0	< 14.0	< 48.0	1.8 J	< 14.0	< 14.0	< 19.0	2.5 J	< 19.0	< 14.0	< 14.0
		2004 01 (Spring)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 19.0	< 9.6	< 9.6	< 9.6	< 9.6	7.4 J	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 48.0	< 9.6	< 48.0
		2003 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	5.3 J	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	9.0 J	< 9.5	< 9.5	< 9.5	< 9.5	8.8 J	< 9.5	< 9.5	< 47.0	5.2 J	< 47.0	< 9.5	< 47.0
		2003 03 (Fall)	< 9.6	< 9.6	< 9.6	< 9.6	5.0 J	< 9.6	< 48.0	< 19.0	< 9.6	< 9.6	< 9.6	< 9.6	7.4 J	< 9.6	< 9.6	< 9.6	< 9.6	5.7 J	< 9.6	< 9.6	< 48.0	< 9.6	< 48.0	< 9.6	< 48.0
		2003 02 (Summer)	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 190	< 76.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 190	< 38.0	< 190	< 38.0	< 190
		2003 01 (Spring)	2.4 J	< 9.6 UJ	< 9.6 UJ	< 9.6 UJ	4.8 J	< 9.6 UJ	< 48.0 UJ	< 9.6 UJ	< 9.6 UJ	< 9.6 UJ	< 9.6 UJ	< 9.6 UJ	9.3 J	< 9.6 UJ	< 9.6 UJ	< 9.6 UJ	< 48.0 UJ	3.2 J	< 9.6 UJ	< 9.6 UJ	< 19.0 UJ	3.0 J	< 19.0 UJ	< 9.6 UJ	< 9.6 UJ
		2002 04 (Winter)	2.3 J	< 9.4	0.76 J	< 9.4	3.7 J	0.96 J	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	7.0 J	< 9.4	< 9.4	< 9.4	< 47.0	4.7 J	< 9.4	< 9.4	< 19.0	2.5 J	< 19.0	< 9.4	< 9.4
		2002 03 (Fall)	2.7 J	< 9.4	< 9.4	< 9.4	5.1 J	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	6.7 J	< 9.4	< 9.4	< 9.4	< 47.0	3.3 J	< 9.4	< 9.4	< 19.0	3.7 J	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	2.4 J	< 9.4 UJ	0.84 J	< 9.4 UJ	3.2 J	< 9.4 UJ	< 47.0 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	5.4 J	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 47.0 UJ	1.4 J	< 9.4 UJ	< 9.4 UJ	< 19.0 UJ	2.8 J	< 19.0 UJ	< 9.4 UJ	< 9.4 UJ
	M037-E	2004 04 (Winter)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	11.0 J	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 19.0	< 9.7	< 19.0	< 9.7	< 9.7
		2004 02 (Summer)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0 J	< 9.7 J	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0 J	< 9.7	< 9.7	< 9.7	< 19.0 J	< 9.7	< 19.0	< 9.7	< 9.7
		2004 01 (Spring)	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 20.0	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 49.0	< 9.8	< 49.0
		2003 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 01 (Spring)	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 47.0 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 47.0 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 19.0 UJ	< 9.4 UJ	< 19.0 UJ	< 9.4 UJ	< 9.4 UJ
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 47.0 UJ	5.3 J	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 47.0 UJ	< 9.4 UJ	< 9.4 UJ	< 9.4 UJ	< 19.0 UJ	< 9.4 UJ	< 19.0 UJ	< 9.4 UJ	< 9.4 UJ
	M038-A	2004 04 (Winter)	< 9.8	< 9.8	< 9.8	< 9.8	1.2 J	< 9.8	12.0 J	1.4 J	< 9.8	< 9.8	< 9.8	< 9.8	18.0	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 9.8	< 9.8	< 20.0	< 9.8	< 20.0	< 9.8	< 9.8
		2004 02 (Summer)	< 9.7	< 9.7	< 9.7	< 9.7	0.61 J	< 9.7	< 49.0 J	6.1 J	< 9.7	< 9.7	< 9.7	< 9.7	4.2 J	< 9.7	2.1 J	< 9.7	< 49.0	< 9.7	1.4 J	5.7 J	12.0 J	< 9.7	7.9 J	< 9.7	3.6 J
		2004 01 (Spring)	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 20.0	< 9.9	< 9.9	< 9.9	< 9.9	8.7 J	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9	< 50.0	< 9.9	< 50.0
		2003 04 (Winter)	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 20.0	< 9.8	< 9.8	< 9.8	< 9.8	6.8 J	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 49.0	< 9.8	< 49.0
		2003 03 (Fall)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 02 (Summer)	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 190	< 75.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 190	< 38.0	< 190	< 38.0	< 190
		2003 01 (Spring)	< 11.0 UJ	< 11.0 UJ	< 11.0 UJ	< 11.0 UJ	< 11.0 UJ	< 11.0 UJ	< 56.0 UJ	< 11.0 UJ	< 11.0 UJ	< 11.0 UJ	< 11.0 UJ	< 11.0 UJ	15.0 J	< 11.0 UJ	< 11.0 UJ	< 11.0 UJ	< 56.0 UJ	< 11.0 UJ	< 11.0 UJ	< 11.0 UJ	< 22.0 UJ	< 11.0 UJ	< 22.0 UJ	< 11.0 UJ	< 11.0 UJ
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	1.5 J	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	16.0	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M038-E	2004 04 (Winter)	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9	< 9.9	< 9.9	< 20.0	< 9.9	< 20.0	< 9.9	< 9.9
		2004 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 J	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2004 01 (Spring)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 04 (Winter)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 19.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 48.0	< 9.6	< 48.0
		2003 03 (Fall)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0

Table 2-4
Groundwater Sample Analytical Results at IR Site 2: Semivolatile Organic Compounds
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Detected SVOCs																								
			Acenaphthene	Anthracene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Benzoic acid	bis(2-Ethylhexyl)phthalate	2-Chlorophenol	Dibenzofuran	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	Hexachlorocyclopentadiene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Methylphenol (p-Cresol)	4-Nitrophenol	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	4.0	NA	NA	600	NA	5.0	NA	NA	NA	50.0	NA	NA	NA	NA	NA	1.0	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.9	NA	NA
FWBZ	M038-E	2003 01 (Spring)	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 49.0 UJ	**4.7 J**	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 49.0 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 20.0 UJ	< 9.8 UJ	< 20.0 UJ	< 9.8 UJ	< 9.8 UJ
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 03 (Fall)	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9 UJ	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0 UJ	< 9.9	< 9.9	< 9.9	< 20.0	< 9.9	< 20.0	< 9.9	< 9.9
		2002 02 (Summer)	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9	< 9.9	< 9.9	< 20.0	< 9.9	< 20.0	< 9.9	< 9.9
	M039-A	2004 04 (Winter)	**8.6 J**	**0.77 J**	< 9.7	**4.2 J**	**19.0**	**1.1 J**	< 49.0	< 9.7	< 9.7	**4.0 J**	< 9.7	< 9.7	**3.8 J**	< 9.7	< 9.7	< 9.7	< 49.0	**3.6 J**	< 9.7	< 9.7	< 19.0	< 9.7	< 19.0	< 9.7	< 9.7
		2004 02 (Summer)	**16.0**	**0.79 J**	< 9.4	**5.5 J**	**150**	**1.0 J**	**10.0 J**	< 9.4	< 9.4	**7.2**	< 9.4	< 9.4	**5.4 J**	< 9.4	< 9.4	< 9.4	< 47.0	**20.0**	< 9.4	< 9.4	< 19.0 J	**1.5 J**	< 19.0	< 9.4	< 9.4
		2004 01 (Spring)	**16.0**	< 9.4	< 9.4	**7.0 J**	**53.0**	< 9.4	< 47.0	< 19.0	< 9.4	**7.2 J**	< 9.4	< 9.4	**5.0 J**	< 9.4	< 9.4	< 9.4	< 9.4	**11.0**	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 04 (Winter)	**12.0**	< 9.7	< 9.7	**5.4 J**	**92.0**	< 9.7	< 48.0	< 19.0	< 9.7	**5.1 J**	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	**12.0**	< 9.7	< 9.7	< 48.0	< 9.7	< 48.0	< 9.7	< 48.0
		2003 03 (Fall)	**11.0**	< 9.5	< 9.5	**4.8 J**	**60.0**	< 9.5	< 47.0	< 19.0	< 9.5	**5.1 J**	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	**8.9 J**	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 02 (Summer)	**13.0**	< 9.5	< 9.5	**6.1 J**	**78.0**	< 9.5	< 47.0	< 19.0 UJ	< 9.5	**6.2 J**	< 9.5	< 9.5	**5.4 J**	< 9.5	< 9.5	< 9.5	< 9.5	**12.0**	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 01 (Spring)	**11.0 J**	< 9.5 UJ	< 9.5 UJ	**3.9 J**	**85.0 J**	< 9.5 UJ	< 48.0 UJ	< 9.5 UJ	< 9.5 UJ	**4.5 J**	< 9.5 UJ	< 9.5 UJ	**5.2 J**	< 9.5 UJ	< 9.5 UJ	< 9.5 UJ	< 48.0 UJ	**10.0 J**	< 9.5 UJ	< 9.5 UJ	< 19.0 UJ	**0.95 J**	< 19.0 UJ	< 9.5 UJ	< 9.5 UJ
		2002 04 (Winter)	**19.0**	< 9.5	< 9.5	**8.0 J**	**120**	< 9.5	< 48.0 UJ	< 9.5	< 9.5	**7.5 J**	< 9.5	< 9.5	**7.3 J**	< 9.5	< 9.5	< 9.5	< 48.0	**13.0**	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
		2002 03 (Fall)	**7.1 J**	< 9.4	< 9.4	**3.1 J**	**17.0**	< 9.4	< 47.0	< 9.4	< 9.4	**3.0 J**	< 9.4	< 9.4	**3.9 J**	< 9.4	< 9.4	< 9.4	< 47.0	**3.0 J**	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	**6.9 J**	**0.65 J**	< 9.5	**3.1 J**	< 9.5	< 9.5	< 48.0	**9.1 J**	< 9.5	**2.7 J**	< 9.5	< 9.5	**4.4 J**	< 9.5	< 9.5	< 9.5	**4.1 J**	**0.74 J**	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
SWBZ	M010-B	2004 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
		2004 02 (Summer)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0 J	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0 J	< 9.6	< 9.6	< 9.6	< 19.0 J	< 9.6	< 19.0	< 9.6	< 9.6
		2003 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2002 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
		2002 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M012-B	2004 04 (Winter)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 19.0	< 9.7	< 19.0	< 9.7	< 9.7
		2004 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	**4.4 J**	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 19.0 J	< 9.5	< 19.0	< 9.5	< 9.5
		2003 04 (Winter)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 19.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 48.0	< 9.6	< 48.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 50.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	**3.7 J**	< 50.0	< 10.0	< 10.0	< 10.0	< 20.0	< 10.0	< 20.0	< 10.0	< 10.0
	M013-C	2004 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 J	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 J	< 9.4	< 9.4	< 9.4	< 19.0 J	< 9.4	< 19.0	< 9.4	< 9.4
		2003 04 (Winter)	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 20.0	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9	< 50.0	< 9.9	< 50.0
		2003 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 50.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 50.0	< 10.0	< 10.0	< 10.0	< 20.0	< 10.0	< 20.0	< 10.0	< 10.0
	M014-B	2004 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2004 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 19.0 J	< 9.5	< 19.0	< 9.5	< 9.5
		2003 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2002 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
		2002 02 (Summer)	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 50.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 50.0	< 10.0	< 10.0	< 10.0	< 20.0	< 10.0	< 20.0	< 10.0	< 10.0
	M016-B	2004 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4

Table 2-4
Groundwater Sample Analytical Results at IR Site 2: Semivolatile Organic Compounds
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Detected SVOCs																								
			Acenaphthene	Anthracene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Benzoic acid	bis(2-Ethylhexyl)phthalate	2-Chlorophenol	Dibenzofuran	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	Hexachlorocyclopentadiene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Methylphenol (p-Cresol)	4-Nitrophenol	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	**4.0**	NA	NA	**600**	NA	**5.0**	NA	NA	NA	**50.0**	NA	NA	NA	NA	NA	**1.0**	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	**Event** **AWQC:**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**7.9**	NA	NA
SWBZ	M016-B	2004 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
		2003 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M020-B	2004 04 (Winter)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	**14.0**	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 19.0	< 9.7	< 19.0	< 9.7	< 9.7
		2004 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	**5.8 J**	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 19.0 J	< 9.5	< 19.0	< 9.5	< 9.5
		2003 04 (Winter)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 19.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6 UJ	< 48.0	< 9.6	< 48.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0 UJ	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0 UJ	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	**4.0 J**	< 50.0	< 9.9	< 9.9	< 9.9	< 20.0	< 9.9	< 20.0	< 9.9	< 9.9
	M021-C	2004 04 (Winter)	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9	< 9.9	< 9.9	< 20.0	< 9.9	< 20.0	< 9.9	< 9.9
		2004 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.6 J	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	< 19.0 J	< 9.5	< 19.0	< 9.5	< 9.5
		2003 04 (Winter)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 19.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 9.7 UJ	< 48.0	< 9.7	< 48.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2002 04 (Winter)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 19.0 UJ	< 9.7	< 19.0	< 9.7	< 9.7
		2002 02 (Summer)	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 50.0 UJ	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	**21.0**	< 50.0 UJ	< 10.0	< 10.0	< 10.0	< 20.0	< 10.0	< 20.0	< 10.0	< 10.0
	M023-B	2004 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2004 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	**5.8 J**	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0 J	< 9.5	< 9.5	< 9.5	**4.3 J**	< 9.5	**7.3 J**	< 9.5	< 9.5
		2003 04 (Winter)	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 19.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 48.0	< 9.7	< 48.0	< 9.7	< 48.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2002 04 (Winter)	< 9.7	< 9.7	< 9.7	< 9.7 UJ	< 9.7 UJ	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 9.7	< 49.0	< 9.7	< 9.7	< 9.7	< 19.0 UJ	< 9.7	< 19.0	< 9.7	< 9.7
		2002 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0 UJ	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	**27.0**	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
	M023-C	2004 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2004 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	**11.0 J**	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2003 04 (Winter)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 19.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 48.0	< 9.6	< 48.0
		2003 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2002 04 (Winter)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0 UJ	< 9.6	< 19.0	< 9.6	< 9.6
		2002 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
	M036-B	2004 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 48.0	< 9.5	< 9.5	< 9.5	< 19.0	< 9.5	< 19.0	< 9.5	< 9.5
		2004 02 (Summer)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0 J	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0 J	< 9.6	< 9.6	< 9.6	< 19.0 J	< 9.6	< 19.0	< 9.6	< 9.6
		2003 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 49.0 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	**10.0 J**	< 49.0 UJ	< 9.8 UJ	< 9.8 UJ	< 9.8 UJ	< 20.0 UJ	< 9.8 UJ	< 20.0 UJ	< 9.8 UJ	< 9.8 UJ
	M037-B	2004 04 (Winter)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	**1.3 J**	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0	< 9.6	< 19.0	< 9.6	< 9.6
		2004 02 (Summer)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0 J	< 9.6 J	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0 J	< 9.6	< 9.6	< 9.6	< 19.0 J	< 9.6	< 19.0	< 9.6	< 9.6
		2003 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0

Table 2-4
Groundwater Sample Analytical Results at IR Site 2: Semivolatile Organic Compounds
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Detected SVOCs																								
			Acenaphthene	Anthracene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Benzoic acid	bis(2-Ethylhexyl)phthalate	2-Chlorophenol	Dibenzofuran	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	Hexachlorocyclopentadiene	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Methylphenol (p-Cresol)	4-Nitrophenol	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	4.0	NA	NA	600	NA	5.0	NA	NA	NA	50.0	NA	NA	NA	NA	NA	1.0	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.9	NA	NA
SWBZ	M037-B	2003 02 (Summer)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.9 UJ	< 9.9 UJ	< 9.9 UJ	< 9.9 UJ	< 9.9 UJ	< 9.9 UJ	< 50.0 UJ	< 9.9 UJ	< 9.9 UJ	< 9.9 UJ	< 9.9 UJ	< 9.9 UJ	< 9.9 UJ	< 9.9 UJ	< 9.9 UJ	**27.0 J**	< 50.0 UJ	< 9.9 UJ	< 9.9 UJ	< 9.9 UJ	< 20.0 UJ	< 9.9 UJ	< 20.0 UJ	< 9.9 UJ	< 9.9 UJ
	M038-B	2004 04 (Winter)	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9	< 9.9	< 9.9	< 20.0	< 9.9	< 20.0	< 9.9	< 9.9
		2004 02 (Summer)	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	**12.0 J**	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9	< 50.0	< 9.9	< 9.9	< 9.9	< 20.0	< 9.9	< 20.0	< 9.9	< 9.9
		2003 04 (Winter)	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 20.0	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 49.0	< 9.8	< 49.0	< 9.8	< 49.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2002 04 (Winter)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0 UJ	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0	< 9.6	< 19.0	< 9.6	< 9.6
		2002 02 (Summer)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0 UJ	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	**2.0 J**	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0	< 9.6	< 19.0	< 9.6	< 9.6
	M039-B	2004 04 (Winter)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0	< 9.6	< 19.0	< 9.6	< 9.6
		2004 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0 J	< 9.4	< 19.0	< 9.4	< 9.4
		2003 04 (Winter)	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 19.0	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 47.0	< 9.5	< 47.0	< 9.5	< 47.0
		2003 02 (Summer)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 19.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 47.0	< 9.4	< 47.0
		2002 04 (Winter)	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 9.4	< 47.0	< 9.4	< 9.4	< 9.4	< 19.0	< 9.4	< 19.0	< 9.4	< 9.4
		2002 02 (Summer)	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 48.0 UJ	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	**1.3 J**	< 48.0	< 9.6	< 9.6	< 9.6	< 19.0	< 9.6	< 19.0	< 9.6	< 9.6

Table 2-5

Groundwater Sample Analytical Results at IR Site 2: Polycyclic Aromatic Hydrocarbons

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

Innovative
Technical
Solutions, Inc.

Table 2-5
Groundwater Sample Analytical Results at IR Site 2: Polycyclic Aromatic Hydrocarbons
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			PAHs															
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	442-MW1	2004 04 (Winter)	< 0.98	< 2.0	< 0.10	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.10	< 0.20	< 0.20	< 0.20	< 0.10	< 0.98	< 0.10	< 0.10
		2004 02 (Summer)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2004 01 (Spring)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.56	< 0.28
		2003 04 (Winter)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19 UJ	< 0.19	< 1.9	< 0.57	< 0.28
		2003 03 (Fall)	< 1.9	< 1.9	< 0.68	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.58	< 0.29
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28
		2003 01 (Spring)	< 0.96 UJ	< 1.9 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.19 UJ	< 0.19 UJ	< 0.10 UJ	< 0.10 UJ	< 0.19 UJ	< 0.19 UJ	< 0.19 UJ	< 0.10 UJ	< 0.96 UJ	< 0.10 UJ	< 0.10 UJ
		2002 04 (Winter)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 03 (Fall)	< 0.96	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.96	< 0.10	< 0.10
		2002 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
	M011-A	2004 04 (Winter)	< 0.98	< 2.0	< 0.10	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.10	< 0.20	< 0.20	< 0.20	< 0.10	< 0.98	< 0.10	< 0.10
		2004 02 (Summer)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2004 01 (Spring)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.56	< 0.28
		2003 04 (Winter)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19 UJ	< 0.19	< 1.9	< 0.57	< 0.28
		2003 03 (Fall)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28
		2003 02 (Summer)	< 2.0	< 2.0	< 0.70	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 2.0	< 0.60	< 0.30
		2003 01 (Spring)	< 0.98	< 2.0	< 0.10	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.10	< 0.20	< 0.20	< 0.20	< 0.10	< 0.98	< 0.10	< 0.10
		2002 04 (Winter)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	**0.15**
		2002 03 (Fall)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	**0.16**
		2002 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	**0.040 J**
	M012-A	2004 04 (Winter)	< 0.99	< 2.0	< 0.10	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.10	< 0.20	< 0.20	< 0.20	< 0.10	< 0.99	< 0.10	< 0.10
		2004 02 (Summer)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2004 01 (Spring)	< 2.0	< 2.0	< 0.70	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 2.0	< 0.60	< 0.30
		2003 04 (Winter)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19 UJ	< 0.19	< 1.9	< 0.57	< 0.28
		2003 03 (Fall)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28
		2003 01 (Spring)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2002 04 (Winter)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 03 (Fall)	< 0.96	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.96	< 0.10	< 0.10
		2002 02 (Summer)	< 0.98	< 2.0	< 0.10	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.10	< 0.20	< 0.20	< 0.20	< 0.10	< 0.98	< 0.10	< 0.10
	M013-A	2004 04 (Winter)	< 0.98	< 2.0	< 0.10	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.10	< 0.20	< 0.20	< 0.20	< 0.10	< 0.98	< 0.10	< 0.10
		2004 02 (Summer)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2004 01 (Spring)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28
		2003 04 (Winter)	< 1.9	< 1.9	< 0.68	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19 UJ	< 0.19	< 1.9	< 0.58	< 0.29
		2003 03 (Fall)	< 1.9	< 1.9	< 0.68	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.58	< 0.29
		2003 02 (Summer)	< 1.9	< 1.9	< 0.67	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.58	< 0.29
		2003 01 (Spring)	< 0.99	< 2.0	< 0.10	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.10	< 0.20	< 0.20	< 0.20	< 0.10	< 0.99	< 0.10	< 0.10
		2002 04 (Winter)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10

Table 2-5
Groundwater Sample Analytical Results at IR Site 2: Polycyclic Aromatic Hydrocarbons
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			PAHs															
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M013-A	2002 03 (Fall)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 02 (Summer)	< 0.96	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.96	< 0.10	< 0.10
	M014-A	2004 04 (Winter)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2004 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2004 01 (Spring)	< 1.9	< 1.9	< 0.68	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.58	< 0.29
		2003 04 (Winter)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19 UJ	< 0.19	< 1.9	< 0.57	< 0.28
		2003 03 (Fall)	< 2.0	< 2.0	< 0.69	< 0.090	< 0.090	< 0.20	< 0.20	< 0.090	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 2.0	< 0.59	< 0.29
		2003 02 (Summer)	< 1.9	< 1.9	< 0.67	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.58	< 0.29
		2003 01 (Spring)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 04 (Winter)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2002 03 (Fall)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 02 (Summer)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
	M016-A	2004 04 (Winter)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2004 02 (Summer)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2004 01 (Spring)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.56	< 0.28
		2003 04 (Winter)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19 UJ	< 0.19	< 1.9	< 0.56	< 0.28
		2003 03 (Fall)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28
		2003 01 (Spring)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 04 (Winter)	< 0.96	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.96	< 0.10	< 0.10
		2002 03 (Fall)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	**0.16**
		2002 02 (Summer)	< 0.97	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.97	< 0.10	**0.050 J**
	M016-E	2004 04 (Winter)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2004 02 (Summer)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2004 01 (Spring)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.56	< 0.28
		2003 04 (Winter)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19 UJ	< 0.19	< 1.9	< 0.57	< 0.28
		2003 03 (Fall)	< 1.9	< 1.9	< 0.67	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.58	< 0.29
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28
		2003 01 (Spring)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 04 (Winter)	< 0.96	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.96	< 0.10	< 0.10
		2002 03 (Fall)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 02 (Summer)	< 0.96	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.96	< 0.10	< 0.10
	M017-A	2004 04 (Winter)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2004 02 (Summer)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2004 01 (Spring)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28
		2003 04 (Winter)	< 2.0	< 2.0	< 0.70	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.20	< 0.20	< 0.20	< 0.20 UJ	< 0.20	< 2.0	< 0.60	< 0.30
		2003 03 (Fall)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28
		2003 02 (Summer)	< 1.9	< 1.9	< 0.67	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.58	< 0.29

Table 2-5
Groundwater Sample Analytical Results at IR Site 2: Polycyclic Aromatic Hydrocarbons
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			PAHs															
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M017-A	2003 01 (Spring)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 04 (Winter)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 03 (Fall)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
	M018-A	2004 04 (Winter)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2004 02 (Summer)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2004 01 (Spring)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28
		2003 04 (Winter)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19 UJ	< 0.19	< 1.9	< 0.57	< 0.28
		2003 03 (Fall)	< 1.9	< 1.9	< 0.68	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.58	< 0.29
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.56	< 0.28
		2003 01 (Spring)	< 0.94 UJ	< 1.9 UJ	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19 UJ	< 0.090	< 0.94 UJ	< 0.090	< 0.090
		2002 04 (Winter)	< 0.97	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.97	< 0.10	< 0.10
		2002 03 (Fall)	< 0.96	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.96	< 0.10	< 0.10
		2002 02 (Summer)	< 0.94 UJ	< 1.9 UJ	< 0.090	< 0.090	< 0.090	< 0.19 UJ	< 0.19 UJ	< 0.090	< 0.090	< 0.19 UJ	< 0.19 UJ	< 0.19 UJ	< 0.090	< 0.94	< 0.090	< 0.090
	M018-E	2004 04 (Winter)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2004 02 (Summer)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2003 04 (Winter)	< 1.9	< 1.9	< 0.67	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19 UJ	< 0.19	< 1.9	< 0.58	< 0.29
		2003 02 (Summer)	< 1.9	< 1.9	< 0.67	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.58	< 0.29
		2002 04 (Winter)	< 0.96	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.96	< 0.10	< 0.10
		2002 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
	M019-A	2004 04 (Winter)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2004 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2004 01 (Spring)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.56	< 0.28
		2003 04 (Winter)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19 UJ	< 0.19	< 1.9	< 0.56	< 0.28
		2003 03 (Fall)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.56	< 0.28
		2003 01 (Spring)	< 0.96 UJ	< 1.9 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.19 UJ	< 0.19 UJ	< 0.10 UJ	< 0.10 UJ	< 0.19 UJ	< 0.19 UJ	< 0.19 UJ	< 0.10 UJ	< 0.96 UJ	< 0.10 UJ	< 0.10 UJ
		2002 04 (Winter)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2002 03 (Fall)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 02 (Summer)	< 0.97	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.97	< 0.10	< 0.10
	M019-E	2004 04 (Winter)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2004 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2003 04 (Winter)	< 2.0	< 2.0	< 0.69	< 0.090	< 0.090	< 0.20	< 0.20	< 0.090	< 0.20	< 0.20	< 0.20	< 0.20 UJ	< 0.20	< 2.0	< 0.59	< 0.30
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.56	< 0.28
		2002 04 (Winter)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2002 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
	M020-A	2004 04 (Winter)	< 0.98	< 2.0	< 0.10	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.10	< 0.20	< 0.20	< 0.20	< 0.10	< 0.98	< 0.10	< 0.10
		2004 02 (Summer)	< 0.98	< 2.0	< 0.10	**0.050 J**	< 0.10	< 0.20	< 0.20	**0.040 J**	**0.050 J**	< 0.20	**0.12 J**	< 0.20	< 0.10	< 0.98	< 0.10	< 0.10

Table 2-5
Groundwater Sample Analytical Results at IR Site 2: Polycyclic Aromatic Hydrocarbons
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			PAHs															
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	**NA**	**NA**	**NA**	**NA**	**0.20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
		BV:	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
Well Number	**Event**	**AWQC:**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
FWBZ	M020-A	2004 01 (Spring)	< 1.9	< 1.9	< 0.68	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.58	< 0.29
		2003 04 (Winter)	< 1.9	< 1.9	< 0.67	< 0.090	< 0.090	< 0.19	< 0.19 UJ	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	**2.8**	< 0.58	< 0.29 UJ
		2003 03 (Fall)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.56	< 0.28
		2003 01 (Spring)	< 0.99	< 2.0	< 0.10	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.10	< 0.20	< 0.20	< 0.20	< 0.10	< 0.99	< 0.10	< 0.10
		2002 04 (Winter)	< 0.97	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.97	< 0.10	< 0.10
		2002 03 (Fall)	< 0.96	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.96	< 0.10	< 0.10
		2002 02 (Summer)	< 0.97	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.97	< 0.10	< 0.10
	M020-E	2004 04 (Winter)	< 0.96	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.96	< 0.10	< 0.10
		2004 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2004 01 (Spring)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28
		2003 04 (Winter)	< 2.0	< 2.0	< 0.70	< 0.10	< 0.10	< 0.20	< 0.20 UJ	< 0.10	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	**2.8**	< 0.60	< 0.30 UJ
		2003 03 (Fall)	< 1.9	< 1.9	< 0.68	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.58	< 0.29
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.56	< 0.28
		2003 01 (Spring)	< 0.99 UJ	< 2.0 UJ	< 0.10 UJ	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10 UJ	< 0.10	< 0.20	< 0.20	< 0.20 UJ	< 0.10 UJ	< 0.99 UJ	< 0.10 UJ	< 0.10
		2002 04 (Winter)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2002 03 (Fall)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
	M021-A	2004 04 (Winter)	< 0.98	< 2.0	< 0.10	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.10	< 0.20	< 0.20	< 0.20	< 0.10	< 0.98	< 0.10	< 0.10
		2004 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2004 01 (Spring)	< 1.9	< 1.9	< 0.68	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.58	< 0.29
		2003 04 (Winter)	< 1.9	< 1.9	< 0.67	< 0.090	< 0.090	< 0.19	< 0.19 UJ	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.58	< 0.29 UJ
		2003 03 (Fall)	< 1.9	< 1.9	< 0.67	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.58	< 0.29
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.56	< 0.28
		2003 01 (Spring)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 04 (Winter)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2002 03 (Fall)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 02 (Summer)	< 0.96	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.96	< 0.10	< 0.10
	M021-E	2004 04 (Winter)	< 0.96	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.96	< 0.10	< 0.10
		2004 02 (Summer)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2004 01 (Spring)	< 1.9	< 1.9	< 0.67	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.58	< 0.29
		2003 04 (Winter)	< 2.0	< 2.0	< 0.69	< 0.090	< 0.090	< 0.20	< 0.20 UJ	< 0.090	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 2.0	< 0.59	< 0.29 UJ
		2003 03 (Fall)	< 1.9	< 1.9	< 0.68	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.58	< 0.29
		2003 02 (Summer)	< 2.0	< 2.0	< 0.70	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 2.0	< 0.60	< 0.30
		2003 01 (Spring)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 04 (Winter)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2002 03 (Fall)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090

Table 2-5
Groundwater Sample Analytical Results at IR Site 2: Polycyclic Aromatic Hydrocarbons
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			PAHs															
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M022-A	2004 04 (Winter)	< 0.97	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.97	< 0.10	< 0.10
		2004 02 (Summer)	< 0.94	< 1.9	< 0.090	**0.060 J**	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2004 01 (Spring)	< 2.0	< 2.0	< 0.69	< 0.090	< 0.090	< 0.20	< 0.20	< 0.090	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 2.0	< 0.59	< 0.29
		2003 04 (Winter)	< 1.9	< 1.9	< 0.67	< 0.090	< 0.090	< 0.19	< 0.19 UJ	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.58	< 0.29 UJ
		2003 03 (Fall)	< 1.9	< 1.9	< 0.67	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.58	< 0.29
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.56	< 0.28
		2003 01 (Spring)	< 0.99	< 2.0	< 0.10	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.10	< 0.20	< 0.20	< 0.20	< 0.10	< 0.99	< 0.10	**0.16**
		2002 04 (Winter)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 03 (Fall)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
	M022-E	2004 04 (Winter)	< 0.96	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.96	< 0.10	< 0.10
		2004 02 (Summer)	< 0.96	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.96	< 0.10	< 0.10
		2004 01 (Spring)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.56	< 0.28
		2003 04 (Winter)	< 1.9	< 1.9	< 0.68	< 0.090	< 0.090	< 0.19	< 0.19 UJ	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	**7.5**	< 0.58	< 0.29 UJ
		2003 03 (Fall)	< 1.9	< 1.9	< 0.67	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.58	< 0.29
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.56	< 0.28
		2003 01 (Spring)	< 0.98	< 2.0	< 0.10	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.10	< 0.20	< 0.20	< 0.20	< 0.10	< 0.98	< 0.10	< 0.10
		2002 04 (Winter)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 03 (Fall)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
	M023-A	2004 04 (Winter)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2004 02 (Summer)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2004 01 (Spring)	< 1.9	< 1.9	< 0.67	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.58	< 0.29
		2003 04 (Winter)	< 1.9	< 1.9	< 0.67	< 0.090	< 0.090	< 0.19	< 0.19 UJ	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.58	< 0.29 UJ
		2003 03 (Fall)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28
		2003 01 (Spring)	< 1.0	< 2.0	< 0.10	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.10	< 0.20	< 0.20	< 0.20	< 0.10	< 1.0	< 0.10	**0.15**
		2002 04 (Winter)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	**0.13**
		2002 03 (Fall)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	**0.080 J**
	M023-E	2004 04 (Winter)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2004 02 (Summer)	**0.76 J**	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	**0.11**	**0.11**
		2004 01 (Spring)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	**0.051 J**	< 0.28
		2003 04 (Winter)	**0.60 J**	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19 UJ	< 0.19	< 1.9	< 0.57	< 0.28
		2003 03 (Fall)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.56	< 0.28
		2003 02 (Summer)	< 2.0	< 2.0	< 0.71	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 2.0	< 0.61	< 0.31
		2003 01 (Spring)	**1.3 J**	< 1.9 UJ	< 0.090	< 0.090	< 0.090	< 0.19 UJ	< 0.19 UJ	< 0.090	< 0.090	< 0.19 UJ	< 0.19 UJ	< 0.19 UJ	< 0.090	< 0.94 UJ	**0.19 J**	< 0.090
		2002 04 (Winter)	**1.3**	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.96	< 0.10	< 0.10

Table 2-5
Groundwater Sample Analytical Results at IR Site 2: Polycyclic Aromatic Hydrocarbons
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			PAHs															
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M023-E	2002 03 (Fall)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	0.16	< 0.090
		2002 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	0.070 J	< 0.090
	M024-A	2004 04 (Winter)	30.0	< 2.0	0.18	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.10	< 0.20	0.16 J	2.3	< 0.10	0.94 J	0.71	0.090 J
		2004 02 (Summer)	24.0	< 1.9	0.10	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	1.9	< 0.090	< 0.94	1.0	< 0.090
		2004 01 (Spring)	16.0	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	0.17 J	1.5	< 0.19	< 1.9	0.49 J	< 0.28
		2003 04 (Winter)	10.0	< 1.9	0.27 J	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	0.46	2.0	< 0.19	< 1.9	0.39 J	0.11 J
		2003 03 (Fall)	3.6	< 1.9	0.14 J	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	1.7	< 0.19	< 1.9	0.66	< 0.29
		2003 02 (Summer)	4.0	< 2.0	0.39 J	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.20	< 0.20	< 0.20	1.9	< 0.20	< 2.0	0.99	< 0.31
		2003 01 (Spring)	22.0 J	< 1.9 UJ	0.21 J	< 0.090	< 0.090	< 0.19 UJ	< 0.19 UJ	< 0.090	< 0.090	< 0.19 UJ	0.35 J	2.0 J	< 0.090	< 0.94 UJ	0.43 J	0.19 J
		2002 04 (Winter)	11.0 J	< 1.9	0.16	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	0.36 J	1.7	< 0.10	< 0.95	0.52	0.17 J
		2002 03 (Fall)	19.0	< 1.9	0.20	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	0.40	1.9	< 0.090	< 0.94	0.97	0.17
		2002 02 (Summer)	8.1	< 1.9	0.31	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	0.20	1.7	< 0.10	< 0.95	0.82	0.10 J
	M024-E	2004 04 (Winter)	< 0.97	< 1.9	0.080 J	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.97	< 0.10	< 0.10
		2004 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2004 01 (Spring)	0.92 J	< 1.9	< 0.67	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.58	< 0.29
		2003 04 (Winter)	0.94 J	< 1.9	< 0.67	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.58	< 0.29
		2003 03 (Fall)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28
		2003 02 (Summer)	< 2.0	< 2.0	< 0.70	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 2.0	< 0.60	< 0.30
		2003 01 (Spring)	< 0.94 UJ	< 1.9 UJ	0.15 J	< 0.090	< 0.090	< 0.19 UJ	< 0.19 UJ	< 0.090	< 0.090	< 0.19 UJ	0.20 J	< 0.19 UJ	< 0.090	< 0.94 UJ	< 0.090	< 0.090
		2002 04 (Winter)	1.9	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.97	< 0.10	< 0.10
		2002 03 (Fall)	< 0.98	< 2.0	< 0.10	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.10	< 0.20	< 0.20	< 0.20	< 0.10	< 0.98	< 0.10	< 0.10
		2002 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
	M036-A	2004 04 (Winter)	18.0	< 2.2	0.31	< 0.11	< 0.11	< 0.22	< 0.22	< 0.11	< 0.11	< 0.22	0.26	4.9	< 0.11	< 1.1	< 0.11	0.16
		2004 02 (Summer)	10.0	< 1.9	0.29	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	0.37	4.1	< 0.10	< 0.95	< 0.10	< 0.10
		2004 01 (Spring)	16.0	< 1.9	0.20 J	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	0.51	4.4	< 0.19	< 1.9	0.13 J	< 0.28
		2003 04 (Winter)	12.0	< 1.9	0.28 J	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	0.60	3.5 J	< 0.19	< 1.9	0.17 J	0.36
		2003 03 (Fall)	10.0	< 1.9	0.21 J	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	3.7	< 0.19	< 1.9	< 0.56	< 0.28 UJ
		2003 02 (Summer)	11.0	< 1.9	0.26 J	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	0.46	4.0	< 0.19	< 1.9	0.14 J	< 0.28
		2003 01 (Spring)	15.0 J	< 1.9 UJ	0.38 J	< 0.090	0.12 J	< 0.19 UJ	< 0.19 UJ	0.090 J	0.12 J	< 0.19 UJ	0.47 J	4.4 J	< 0.090	< 0.94 UJ	0.21 J	0.27 J
		2002 04 (Winter)	12.0	< 1.9	0.27	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	0.41 J	2.1	< 0.090	1.3 J	0.19	0.21
		2002 03 (Fall)	7.9	< 1.9	0.24	< 0.090	0.10 J	< 0.19	< 0.19	0.11 J	< 0.090	< 0.19	0.42	1.2	< 0.090	< 0.94	0.33 J	0.20
		2002 02 (Summer)	5.3	< 1.9	0.16	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	0.21	3.0	< 0.090	< 0.94	0.12	0.11
	M036-E	2004 04 (Winter)	< 0.95	< 1.9	0.080 J	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	0.060 J	< 0.19	< 0.10	< 0.95	0.19	0.080 J
		2004 02 (Summer)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	0.13 J	< 0.19	< 0.10	< 0.95	0.14	0.13
		2004 01 (Spring)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	0.081 J	< 0.28
		2003 04 (Winter)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19 UJ	< 0.19	< 1.9	0.12 J	< 0.28
		2003 03 (Fall)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28

Table 2-5
Groundwater Sample Analytical Results at IR Site 2: Polycyclic Aromatic Hydrocarbons
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			PAHs															
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M036-E	2003 01 (Spring)	< 0.94 UJ	< 1.9 UJ	0.13 J	< 0.090	< 0.090	< 0.19 UJ	< 0.19 UJ	< 0.090	< 0.090	< 0.19 UJ	0.21 J	< 0.19 UJ	< 0.090	< 0.94 UJ	0.27 J	0.15 J
		2002 04 (Winter)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	0.31	< 0.19	< 0.090	< 0.94	0.22	0.16
		2002 03 (Fall)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	0.34	< 0.19	< 0.090	< 0.94	0.22	0.19
		2002 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	0.12 J	< 0.19	< 0.090	< 0.94	0.12	0.070 J
	M037-A	2004 04 (Winter)	4.0	< 2.0	0.65	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.10	< 0.20	1.2	0.42	< 0.10	6.0	0.81	0.78
		2004 02 (Summer)	1.6	< 1.9	0.23	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	0.090	< 0.19	0.41	< 0.19	< 0.090	< 0.94	0.30	0.36
		2004 01 (Spring)	4.8	< 1.9	0.36 J	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	1.4	0.32	< 0.19	< 1.9	0.36 J	0.59
		2003 04 (Winter)	< 1.9	< 1.9	0.64 J	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	1.9	< 0.19 UJ	< 0.19	< 1.9	< 0.58	0.50
		2003 03 (Fall)	0.96 J	< 1.9	0.54 J	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	1.3	0.45	< 0.19	< 1.9	0.93	0.54 J
		2003 02 (Summer)	1.3 J	< 1.9	0.89	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	1.3	0.46	< 0.19	< 1.9	1.3	0.57
		2003 01 (Spring)	2.8 J	< 1.9 UJ	0.45 J	< 0.090	< 0.090	0.18 J	< 0.19 UJ	< 0.090	0.13 J	< 0.19 UJ	0.81 J	< 0.19 UJ	0.15 J	5.9 J	0.33 J	0.55 J
		2002 04 (Winter)	4.9	< 2.0	0.82	0.15	< 0.10	< 0.20	< 0.20	< 0.10	0.14	< 0.20	1.6 J	0.80	< 0.10	7.0	2.1	0.97
		2002 03 (Fall)	< 0.94	< 1.9	0.45	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	0.89 J	< 0.19	< 0.090	5.5	0.49 J	0.62
		2002 02 (Summer)	0.95	< 1.9	0.57	0.090 J	< 0.090	< 0.19	< 0.19	< 0.090	0.090 J	< 0.19	1.3	0.33	< 0.090	1.9	1.1	1.1
	M037-E	2004 04 (Winter)	< 0.97	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	0.030 J	< 0.19	< 0.10	< 0.97	< 0.10	< 0.10
		2004 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2004 01 (Spring)	< 1.9	< 1.9	< 0.67	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	0.068 J	< 0.29
		2003 04 (Winter)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19 UJ	< 0.19	< 1.9	< 0.57	< 0.28
		2003 03 (Fall)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.56	< 0.28
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.56	< 0.28
		2003 01 (Spring)	< 0.94 UJ	< 1.9 UJ	< 0.090	< 0.090	< 0.090	< 0.19 UJ	< 0.19 UJ	< 0.090	< 0.090	< 0.19 UJ	0.19 J	< 0.19 UJ	< 0.090	< 0.94 UJ	0.19 J	0.14 J
		2002 04 (Winter)	< 0.97	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.97	0.19	0.17
		2002 03 (Fall)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	0.18
		2002 02 (Summer)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10 UJ	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	0.060 J
	M038-A	2004 04 (Winter)	< 1.0	< 2.0	0.080 J	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	0.070 J	< 0.20	0.050 J	< 0.20	< 0.10	2.4	0.19	0.060 J
		2004 02 (Summer)	< 1.3	< 2.5	< 0.13	< 0.13	< 0.13	< 0.25	< 0.25	< 0.13	< 0.13	< 0.25	0.10 J	< 0.25	< 0.13	< 1.3	< 0.13	0.10 J
		2004 01 (Spring)	< 2.0	< 2.0	< 0.69	< 0.090	< 0.090	< 0.20	< 0.20	< 0.090	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 2.0	< 0.59	< 0.29
		2003 04 (Winter)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	0.23 J	< 0.19	< 1.9	< 0.57	< 0.28
		2003 03 (Fall)	< 2.0 UJ	< 2.0 UJ	< 0.70 UJ	< 0.10 UJ	< 0.10 UJ	< 0.20 UJ	< 0.20 UJ	< 0.10 UJ	< 0.20 UJ	< 0.20 UJ	< 0.20 UJ	< 0.20 UJ	< 0.20 UJ	< 2.0 UJ	< 0.60 UJ	< 0.30 UJ
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	0.21	< 0.19	< 1.9	0.29 J	< 0.28
		2003 01 (Spring)	< 0.94 UJ	< 1.9 UJ	< 0.090	< 0.090	< 0.090	< 0.19 UJ	< 0.19 UJ	< 0.090	< 0.090	< 0.19 UJ	0.22 J	< 0.19 UJ	< 0.090	2.2 J	< 0.090	< 0.090
		2002 04 (Winter)	< 0.94	< 1.9	0.16	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	3.9	< 0.090	0.18
	M038-E	2004 04 (Winter)	< 0.98	< 2.0	< 0.10	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.10	< 0.20	0.040 J	< 0.20	< 0.10	< 0.98	0.24 J	0.060 J
		2004 02 (Summer)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	0.14	0.10
		2004 01 (Spring)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	0.16 J	< 0.28
		2003 04 (Winter)	< 1.9	< 1.9	< 0.67	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	0.16 J	< 0.29
		2003 03 (Fall)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28

Table 2-5
Groundwater Sample Analytical Results at IR Site 2: Polycyclic Aromatic Hydrocarbons
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			PAHs															
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M038-E	2003 01 (Spring)	< 1.0 UJ	< 2.0 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.20 UJ	< 0.20 UJ	< 0.10 UJ	< 0.10 UJ	< 0.20 UJ	< 0.20 UJ	< 0.20 UJ	< 0.10 UJ	0.89 J	0.21 J	< 0.10 UJ
		2002 04 (Winter)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	0.25	0.15 J
		2002 03 (Fall)	< 0.96	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	0.33	< 0.19	< 0.10	< 0.96	0.23	0.17
		2002 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	0.14	0.070 J
	M039-A	2004 04 (Winter)	< 0.97	< 1.9	0.36	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	0.44	4.6	< 0.10	25.0	1.6	0.21
		2004 02 (Summer)	11.0	< 1.9	0.24	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	0.38	5.2	< 0.10	130	1.4	0.19
		2004 01 (Spring)	19.0	< 1.9	0.19 J	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	0.47	7.2	< 0.19	59.0	1.4	< 0.28
		2003 04 (Winter)	12.0	14.0	0.33 J	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	0.89	6.0 J	< 0.19	160	1.6	0.36
		2003 03 (Fall)	6.4	< 1.9	0.27 J	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	0.83	4.0	< 0.19	49.0	0.98	0.31 J
		2003 02 (Summer)	7.1	< 1.9	0.23 J	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	3.6	< 0.19	73.0	0.61	< 0.28
		2003 01 (Spring)	16.0 J	< 1.9 UJ	0.46 J	< 0.090	< 0.090	< 0.19 UJ	< 0.19 UJ	< 0.090	< 0.090	< 0.19 UJ	0.73 J	5.3 J	< 0.090	130 J	1.1 J	0.36 J
		2002 04 (Winter)	16.0	< 1.9	0.29	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	0.14	< 0.19	0.55	6.6	< 0.10	100	2.8	0.26
		2002 03 (Fall)	5.3 J	< 2.0 UJ	0.31 J	< 0.10 UJ	< 0.10 UJ	< 0.20 UJ	< 0.20 UJ	< 0.10 UJ	< 0.10 UJ	< 0.20 UJ	0.64 J	2.8 J	< 0.10 UJ	14.0 J	0.92 J	0.30 J
		2002 02 (Summer)	4.2	< 1.9	0.21	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	0.43	3.6	< 0.090	< 0.94	0.70	0.21
SWBZ	M010-B	2004 04 (Winter)	< 0.98	< 2.0	< 0.10	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.10	< 0.20	< 0.20	< 0.20	< 0.10	< 0.98	< 0.10	< 0.10
		2004 02 (Summer)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2003 04 (Winter)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19 UJ	< 0.19	< 1.9	< 0.57	< 0.28
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.56	< 0.28
		2002 04 (Winter)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2002 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
	M012-B	2004 04 (Winter)	< 0.98	< 2.0	< 0.10	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.10	< 0.20	< 0.20	< 0.20	< 0.10	< 0.98	< 0.10	< 0.10
		2004 02 (Summer)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2003 04 (Winter)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19 UJ	< 0.19	< 1.9	< 0.57	< 0.28
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28
		2002 04 (Winter)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 02 (Summer)	< 0.96	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.96	< 0.10	< 0.10
	M013-C	2004 04 (Winter)	< 0.98	< 2.0	< 0.10	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.10	< 0.20	< 0.20	< 0.20	< 0.10	< 0.98	< 0.10	< 0.10
		2004 02 (Summer)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2003 04 (Winter)	< 1.9	< 1.9	< 0.67	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19 UJ	< 0.19	< 1.9	< 0.58	< 0.29
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28
		2002 04 (Winter)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 02 (Summer)	< 1.0	< 2.0	< 0.10	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.10	< 0.20	< 0.20	< 0.20	< 0.10	< 1.0	< 0.10	< 0.10
	M014-B	2004 04 (Winter)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2004 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2003 04 (Winter)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19 UJ	< 0.19	< 1.9	< 0.57	< 0.28
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28
		2002 04 (Winter)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2002 02 (Summer)	< 0.99	< 2.0	< 0.10	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.10	< 0.20	< 0.20	< 0.20	< 0.10	< 0.99	< 0.10	< 0.10

Table 2-5
Groundwater Sample Analytical Results at IR Site 2: Polycyclic Aromatic Hydrocarbons
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			PAHs															
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWBZ	M016-B	2004 04 (Winter)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2004 02 (Summer)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2003 04 (Winter)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19 UJ	< 0.19	< 1.9	< 0.57	< 0.28
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28
		2002 04 (Winter)	< 0.97	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.97	< 0.10	< 0.10
		2002 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
	M020-B	2004 04 (Winter)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2004 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2003 04 (Winter)	< 1.9	< 1.9	< 0.68	< 0.090	< 0.090	< 0.19	< 0.19 UJ	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	**1.3 J**	< 0.58	< 0.29 UJ
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.56	< 0.28
		2002 04 (Winter)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
	M021-C	2004 04 (Winter)	< 0.97	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.97	< 0.10	< 0.10
		2004 02 (Summer)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2003 04 (Winter)	< 1.9	< 1.9	< 0.67	< 0.090	< 0.090	< 0.19	< 0.19 UJ	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	**2.0**	< 0.58	< 0.29 UJ
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.56	< 0.28
		2002 04 (Winter)	< 0.97	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.97	< 0.10	< 0.10
		2002 02 (Summer)	< 1.0	< 2.0	< 0.10	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.10	< 0.20	< 0.20	< 0.20	< 0.10	< 1.0	< 0.10	< 0.10
	M023-B	2004 04 (Winter)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2004 02 (Summer)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2003 04 (Winter)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19 UJ	< 0.19	< 1.9	< 0.57	< 0.28
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28
		2002 04 (Winter)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
	M023-C	2004 04 (Winter)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2004 02 (Summer)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2003 04 (Winter)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19 UJ	< 0.19	< 1.9	< 0.57	< 0.28
		2003 02 (Summer)	< 2.1	< 2.1	< 0.72	< 0.10	< 0.10	< 0.21	< 0.21	< 0.10	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 2.1	< 0.62	< 0.31
		2002 04 (Winter)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
	M036-B	2004 04 (Winter)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2004 02 (Summer)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2003 04 (Winter)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19 UJ	< 0.19	< 1.9	< 0.56	< 0.28
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.56	< 0.28
		2002 04 (Winter)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
	M037-B	2004 04 (Winter)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2004 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090

Table 2-5
Groundwater Sample Analytical Results at IR Site 2: Polycyclic Aromatic Hydrocarbons
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			PAHs															
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	**0.20**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWBZ	M037-B	2003 04 (Winter)	< 1.9	< 1.9	< 0.67	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19 UJ	< 0.19	< 1.9	< 0.58	< 0.29
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.56	< 0.28
		2002 04 (Winter)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 02 (Summer)	< 0.96	< 1.9	< 0.10	< 0.10	< 0.10 UJ	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.96	< 0.10	< 0.10
	M038-B	2004 04 (Winter)	< 0.98	< 2.0	< 0.10	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.10	< 0.20	< 0.20	< 0.20	< 0.10	< 0.98	< 0.10	< 0.10
		2004 02 (Summer)	< 0.97	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.97	< 0.10	< 0.10
		2003 04 (Winter)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19 UJ	< 0.19	< 1.9	< 0.56	< 0.28
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.56	< 0.28
		2002 04 (Winter)	< 0.94	< 1.9	< 0.090	**0.13**	< 0.090	**0.25**	**0.27**	**0.13**	**0.15**	**0.37**	< 0.19	< 0.19	**0.21**	< 0.94	< 0.090	< 0.090
		2002 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
	M039-B	2004 04 (Winter)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2004 02 (Summer)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2003 04 (Winter)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19 UJ	< 0.19	< 1.9	< 0.57	< 0.28
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.56	< 0.28
		2002 04 (Winter)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090

Table 2-6

Groundwater Sample Analytical Results at IR Site 2: Dissolved Metals

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Innovative Technical Solutions, Inc.

Table 2-6
Groundwater Sample Analytical Results at IR Site 2: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																					Common Rock-forming Elements			
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Hexavalent Chromium	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	50.0	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	NA	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	36.0	NA	NA	8.8	NA	NA	3.1	NA	8.1	NA	0.94	NA	8.2	71.0	1.9	NA	NA	81.0	NA	NA	NA	NA	NA	NA
442-MW1	2004 04 (Winter)		0.69 J	4.7 J	310	< 2.0	< 5.0	0.50 J	0.15 J	1.9 J	-	0.33 J	93.0	< 0.20	4.4 J	0.98 J	< 5.0	< 5.0	< 5.0	2.6 J	14.0 J	4.4 J	60.0 J	30.0	8.2	8.2	130
	2004 02 (Summer)		0.31 J	5.8	180	< 1.0	< 1.0	< 1.0	0.14 J	0.54 J	-	0.081 J	100	< 0.20	4.2 J	1.3	< 1.0	< 1.0	< 1.0	< 1.3	10.0	< 50.0	330	24.0	10.0	12.0	280
	2004 01 (Spring)		< 5.0	< 50.0	565	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	120	0.32 J	< 50.0	< 20.0	< 20.0	< 10.0 UJ	< 10.0	< 50.0	8.4 J	< 200	255	41.2	14.6	13.5 J	273
	2003 04 (Winter)		< 5.0	< 50.0	441	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0 UJ	122	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	7.7 J	< 200	123	39.1	10.7	7.6	39.5
	2003 03 (Fall)		< 5.0 UJ	6.7 J	174	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	164	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	596	33.0	14.4	12.7 J	252 J
	2003 02 (Summer)		< 50.0	9.2 J	228	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	207 J	< 0.40 UJ	5.3 J	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	774	37.4	13.9	15.2 J	160
	2003 01 (Spring)		0.34 J	3.1 J	520	< 2.0	< 5.0	< 10.0	< 10.0	0.57 J	-	< 3.0	120	< 0.20	3.3 J	< 20.0	< 5.0	< 5.0	< 1.0	< 10.0	< 20.0 UJ	< 100	300	32.0	13.0	11.0	210
	2002 04 (Winter)		0.75 J	< 5.0	650	< 2.0	0.094 J	< 10.0	0.16 J	0.98 J	-	0.15 J	100	< 0.20	< 20.0	1.2 J	< 5.0	< 5.0	< 2.0	1.7 J	33.0 J	< 100	< 300	35.0	9.1	6.7	30.0
	2002 03 (Fall)		0.089 J	6.1	130	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	-	0.72 J	100	< 0.20	5.7 J	< 20.0	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	< 100	210	24.0	12.0	14.0	290
	2002 02 (Summer)		0.12 J	5.5	180	< 2.0	< 5.0	< 10.0	0.11 J	< 10.0	< 10.0 UJ	0.027 J	110	< 0.20	< 20.0	14.0 J	1.6 J	< 5.0 UJ	< 2.0	< 10.0	< 20.0	60.0 J	270	24.0	12.0	15.0	300
M011-A	2004 04 (Winter)		0.54 J	17.0	500	< 2.0	< 5.0	2.2 J	2.9	3.3 J	-	0.40 J	8,800	< 0.20	3.2 J	8.5 J	15.0	< 5.0	< 5.0	5.2 J	9.2 J	8.3 J	18,000	270	360	77.0	3,200
	2004 02 (Summer)		0.85 J	< 1.0	560	< 1.0	< 1.0	3.0	3.8	9.1	-	0.13 J	9,500	< 0.20	3.6 J	13.0	< 1.0	< 1.0	< 1.0	5.6	< 1.0	5.6 J	17,000	300	460	93.0	3,700
	2004 01 (Spring)		< 10.0	9.9 J	390	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	6,590	< 0.40	12.0 J	< 20.0	< 20.0	< 10.0	< 10.0	5.6 J	< 20.0	< 200	14,400	318	332	76.5 J	2,680
	2003 04 (Winter)		< 5.0	8.6 J	442	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	6,790	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	< 20.0	< 200	15,100	305	323	80.2	2,670
	2003 03 (Fall)		< 25.0 UJ	18.9 J	844	< 4.0	0.67 J	1.4 J	3.0 J	< 10.0	-	< 10.0	10,700 J	< 0.40	5.4 J	9.9 J	< 20.0	< 10.0	< 50.0	4.4 J	< 20.0	< 200	27,100 J	439 J	549 J	110 J	3,610 J
	2003 02 (Summer)		< 50.0	11.5 J	541	< 4.0	< 5.0	< 10.0	3.3 J	< 10.0	-	< 10.0	7,290	< 0.40	< 50.0	5.2 J	< 20.0	< 10.0	< 5.0	3.1 J	< 20.0	< 200	19,700	275	362	87.0 J	2,410
	2003 01 (Spring)		< 1.0	5.7	250	< 2.0	< 5.0	2.2 J	< 10.0	< 10.0	-	< 3.0	3,700	< 0.20	3.3 J	6.4 J	< 5.0	< 5.0	< 1.0	5.9 J	< 20.0	< 100	14,000	190	180	47.0	1,700
	2002 04 (Winter)		0.48 J	17.0	< 420 UJ	< 2.0	< 5.0	2.3 J	2.6 J	1.4 J	-	< 3.0	5,800 J	< 0.20	3.8 J	7.4 J	22.0	< 5.0	< 2.0	4.6 J	< 20.0	< 100	19,000	200 J	270 J	62.0 J	2,200
	2002 03 (Fall)		0.54 J	< 5.0	440	< 2.0	< 5.0	< 10.0	2.0 J	3.7	-	0.19	6,000	< 0.20	4.0 J	8.6 J	< 5.0	< 5.0	< 2.0	4.3 J	< 20.0	< 100	15,000	240	310	77.0	2,800
	2002 02 (Summer)		0.91 J	7.5	320	< 2.0	< 5.0	6.6 J	1.9 J	1.7 J	< 10.0	< 3.0	4,200	0.065 J	5.3 J	6.0 J	< 5.0	< 5.0	< 2.0	9.0 J	< 20.0	400 J	13,000	190	230	61.0	2,200
M012-A	2004 04 (Winter)		0.21 J	6.0	40.0	< 2.0	< 5.0	0.64 J	0.29 J	1.3 J	-	0.35 J	70.0	< 0.20	6.2 J	4.3 J	1.1 J	< 5.0	< 5.0	1.5 J	4.2 J	24.0 J	61.0 J	3.2	5.3	7.9	280
	2004 02 (Summer)		0.14 J	< 2.7	46.0	< 1.0	< 1.0	< 1.0	1.4	1.1	-	0.58 J	160	< 0.20	4.4 J	8.8	< 1.0	< 1.0	0.27 J	< 1.1	12.0	12.0 J	970	3.1	4.8	7.3	170
	2004 01 (Spring)		< 5.0	4.7 J	60.9 J	< 4.0	< 5.0	< 10.0	7.5 J	< 10.0	-	< 10.0	481	< 0.40	< 50.0	31.0	< 20.0	< 10.0	< 10.0	< 50.0	5.8 J	388	5,750	5.8	9.0	6.3 J	37.3
	2003 04 (Winter)		< 5.0	4.3 J	25.7 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	55.0	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	11.1 J	< 200	141	2.0	3.3	< 4.2	150
	2003 03 (Fall)		< 5.0 UJ	< 50.0	53.3 J	< 4.0	< 5.0	1.2 J	< 10.0	< 10.0	-	< 10.0	145 J	< 0.40	6.7 J	5.4 J	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	54.8 J	462 J	4.0 J	6.5 J	12.0 J	186 J
	2003 02 (Summer)		< 50.0	< 50.0	58.7 J	< 4.0	< 5.0	< 10.0	2.4 J	< 10.0	-	< 10.0	389 J	< 0.40 UJ	< 50.0	10.7 J	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	3,530	4.5	7.3	7.9 J	102
	2002 04 (Winter)		0.19 J	3.8 J	46.0 J	< 2.0	< 5.0	< 10.0 UJ	0.49 J	1.2 J	-	0.32 J	83.0	< 0.20	< 20.0 UJ	4.8 J	0.85 J	< 5.0	< 2.0	3.0 J	6.4 J	96.0 J	340 J	3.5	5.1	7.6	220
	2002 03 (Fall)		0.13 J	< 5.0	45.0	< 2.0	< 5.0	< 10.0	0.63 J	< 10.0	-	< 3.0	110	< 0.20	1.5 J	6.8 J	< 5.0	< 5.0	< 2.0	< 10.0 UJ	< 20.0	< 100	360	3.3	5.1	7.3	200
	2002 02 (Summer)		0.13 J	2.7 J	53.0	< 2.0	< 5.0	0.92 J	1.7 J	0.82 J	< 10.0	< 3.0	170	0.048 J	< 20.0	7.3 J	< 5.0	< 5.0	< 2.0	1.2 J	2.4 J	< 100	980	3.6	6.0	8.3	110
M013-A	2004 04 (Winter)		0.55 J	9.9	85.0	< 2.0	< 5.0	1.8 J	< 1.0	2.1 J	-	0.37 J	1.6 J	< 0.20	0.43 J	2.2 J	< 5.0	< 5.0	< 5.0	19.0	5.0 J	8.7 J	36.0 J	4.5	5.4	7.6	41.0
	2004 02 (Summer)		0.44 J	16.0	110	< 1.0	< 1.0	< 1.0	0.082 J	1.7	-	< 1.0	7.3 J	< 0.20	0.52 J	2.7	< 1.0	< 1.0	< 1.0	24.0	< 2.2	9.1 J	< 100	5.8	7.9	9.5	49.0
	2004 01 (Spring)		< 5.0	29.1 J	53.5 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	5.5 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0	33.1 J	< 20.0	124 J	212	3.1	4.6	6.6 J	62.4
	2003 04 (Winter)		< 5.0	10.1 J	73.5 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0 UJ	< 10.0	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	13.5 J	< 20.0	< 200	188	3.9	5.2	8.0	38.5
	2003 03 (Fall)		< 5.0 UJ	9.1 J	56.1 J	< 4.0	< 5.0	1.3 J	< 10.0	< 10.0	-	< 10.0	1.4 J	< 0.40	< 50.0	2.2 J	< 20.0	< 10.0	< 5.0	29.7 J	< 20.0	50.1 J	29.7 J	2.9 J	3.7 J	6.3 J	48.5 J
	2003 02 (Summer)		< 50.0	12.3 J	111	< 4.0	< 5.0	< 10.0	< 10.0	1.4 J	-	< 10.0	3.0 J	< 0.40 UJ	< 50.0	2.0 J	< 20.0	< 10.0	< 5.0	23.9 J	< 20.0	< 200	< 100	5.5	7.9	9.0 J	43.6
	2003 01 (Spring)		< 1.0	40.0	27.0	< 2.0	< 5.0	3.3 J	< 10.0	2.5 J	-	< 3.0	9.8 J	< 0.20	0.30 J	6.7 J	< 5.0	< 5.0	< 1.0	52.0	3.5 J	570	890	1.2	2.1	3.6	51.0
	2002 04 (Winter)		0.50 J	30.0	37.0 J	0.027 J	< 5.0	< 10.0	0.29 J	1.5 J	-	< 3.0	6.1 J	< 0.20	0.56 J	2.4 J	< 5.0	< 5.0	< 2.0	35.0	3.9 J	160	190	1.8	2.4	4.9	50.0
	2002 03 (Fall)		0.37 J	13.0	60.0	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 3.0	4.1 J	< 0.20	0.58 J	2.1 J	< 5.0	< 5.0	< 2.0	18.0 J	< 20.0	110	< 130	2.6	3.4	6.9	53.0

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Table 2-6
Groundwater Sample Analytical Results at IR Site 2: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																				Common Rock-forming Elements				
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Hexavalent Chromium	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	50.0	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	NA	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	36.0	NA	NA	8.8	NA	NA	3.1	NA	8.1	NA	0.94	NA	8.2	71.0	1.9	NA	NA	81.0	NA	NA	NA	NA	NA	NA
M013-A	2002 02 (Summer)		0.37 J	6.2	110	< 2.0	< 5.0	1.3 J	< 10.0	1.4 J	< 10.0	< 3.0	8.5 J	< 0.20	< 20.0	1.3 J	< 5.0	< 5.0	< 2.0	11.0	1.2 J	< 100	34.0 J	4.9	7.6	8.6	50.0
M014-A	2004 04 (Winter)		0.14 J	1.5 J	8.9 J	< 2.0	< 5.0	1.3 J	< 1.0	0.87 J	-	0.25 J	5.1 J	< 0.20	< 20.0	0.84 J	< 5.0	< 5.0	< 5.0	2.1 J	2.4 J	2.7 J	36.0 J	3.7	2.7	2.7	12.0
	2004 02 (Summer)		0.16 J	< 2.6	11.0	< 1.0	< 1.0	1.9	< 1.0	0.71 J	-	< 1.0	< 10.0	< 0.20	< 5.0	1.1	< 1.0	< 1.0	< 1.0	< 3.5	5.1	< 50.0	< 100	5.0	3.3	3.4	15.0
	2004 01 (Spring)		< 5.0	< 50.0	9.5 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	< 10.0	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0	< 50.0	< 20.0	< 200	67.5 J	4.2	2.8	2.9 J	12.7
	2003 04 (Winter)		< 5.0	< 50.0	10.4 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0 UJ	< 10.0	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	5.2 J	< 20.0	< 200	74.9 J	4.1	3.0	< 3.8	14.4
	2003 03 (Fall)		< 5.0	< 50.0	9.8 J	< 4.0	< 5.0	1.9 J	< 10.0	< 10.0	-	< 10.0	1.2 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	2.7 J	2.5 J	< 200	< 100	4.7	3.0	2.6	9.8
	2003 02 (Summer)		< 50.0	< 50.0	10.2 J	< 4.0	< 5.0	1.3 J	< 10.0	< 10.0	-	< 10.0	2.6 J	< 0.40 UJ	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	2.7 J	< 20.0	< 200	< 100	4.8	3.1	2.8 J	13.0
	2003 01 (Spring)		< 1.0	< 5.0	9.4 J	< 2.0	< 5.0	2.4 J	< 10.0	< 10.0	-	< 3.0	3.7 J	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 1.0	3.5 J	2.1 J	45.0 J	78.0 J	3.4	2.3	2.8	14.0
	2002 04 (Winter)		0.19 J	0.76 J	8.4 J	< 2.0	< 5.0	1.9 J	0.074 J	0.29 J	-	< 3.0	1.5 J	< 0.20	0.44 J	0.61 J	< 5.0	< 5.0	1.9 J	2.7 J	< 20.0	55.0 J	< 100	3.6	2.1	3.2	12.0
	2002 03 (Fall)		0.14 J	< 5.0	8.8 J	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 3.0	2.1 J	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 2.0	< 10.0 UJ	< 20.0	83.0 J	< 130	4.0	2.5	3.3	12.0
	2002 02 (Summer)		0.19 J	0.51 J	6.8 J	< 2.0	< 5.0	1.9 J	< 10.0	0.68 J	< 10.0	< 3.0	5.3 J	< 0.20	< 20.0	0.96 J	< 5.0	< 5.0	< 2.0	2.3 J	< 20.0	< 100	39.0 J	2.2	2.0	2.2	19.0
M016-A	2004 04 (Winter)		0.25 J	11.0	170	< 2.0	< 5.0	0.99 J	1.3	3.5 J	-	0.22 J	2,600	0.14 J	1.1 J	5.1 J	19.0	< 5.0	0.24 J	0.80 J	13.0 J	2.3 J	25,000	610	860	230	6,300
	2004 02 (Summer)		0.18 J	< 1.0	68.0	< 1.0	< 1.0	1.7 J	2.2	2.6	-	0.055 J	1,100	< 0.20	0.80 J	4.3	< 1.0 J	< 5.0	< 1.0	1.4 J	< 20.0	2.8 J	17,000 J	290	260	110	2,300
	2004 01 (Spring)		< 10.0	< 50.0	81.5 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	1,890	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0	< 50.0	< 20.0	< 200	32,300	410	384	161	2,840
	2003 04 (Winter)		< 5.0	< 50.0	123	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	1,730	< 0.40	15.0 J	< 20.0	< 20.0	< 10.0	< 50.0 UJ	< 50.0	< 20.0	< 200	23,000	444	665	245	5,490
	2003 03 (Fall)		< 25.0 UJ	< 50.0	184	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	1,720 J	< 0.40	< 50.0	4.3 J	< 20.0	< 10.0	< 10.0	< 50.0	< 20.0	< 200	23,300 J	507 J	689 J	203 J	4,560 J
	2003 02 (Summer)		< 50.0	< 50.0	89.4 J	< 4.0	< 5.0	< 10.0	1.7 J	< 10.0	-	< 10.0	1,260 J	< 0.40 UJ	< 50.0	3.1 J	< 20.0	< 10.0	< 50.0	1.8 J	< 20.0	< 200	20,700	342	252	96.6 J	2,060
	2003 01 (Spring)		< 1.0	7.4	58.0	< 2.0	< 5.0	2.5 J	3.9 J	< 10.0	-	< 3.0	1,300	< 0.20	0.73 J	4.9 J	< 5.0	< 5.0	< 1.0	3.8 J	1.9 J	< 100	23,000	240	220	110	1,700
	2002 04 (Winter)		0.13 J	14.0 J	180	< 2.0	< 5.0	< 10.0	1.5 J	4.7 J	-	0.32 J	2,200	< 0.20	< 20.0 UJ	5.6 J	49.0	< 5.0	< 2.0	0.84 J	< 20.0	4.6 J	24,000 J	580	930	260	6,800
	2002 03 (Fall)		0.14 J	< 5.0	160	< 2.0	< 5.0	< 10.0	1.4 J	< 10.0	-	< 3.0	1,700	< 0.20	1.0 J	5.8 J	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	< 100	7,800	450	680	180	5,000
	2002 02 (Summer)		0.20 J	4.4 J	91.0	< 2.0	< 5.0	11.0	2.3 J	1.5 J	< 10.0	< 3.0	1,100	< 0.20	< 20.0	3.2 J	< 5.0	< 5.0	< 2.0	4.6 J	< 20.0	< 100	14,000	230	200	91.0	1,800
M016-E	2004 04 (Winter)		0.19 J	19.0	350	< 2.0	< 5.0	1.0 J	1.7	3.2 J	-	0.16 J	4,000	< 0.20	0.87 J	5.0 J	13.0	< 5.0	< 5.0	0.92 J	15.0 J	4.9 J	36,000	530	730	190	5,400
	2004 02 (Summer)		0.28 J	< 1.0	200	< 1.0	< 1.0	2.6 J	4.4	4.8	-	< 1.0	3,200	< 0.20	1.6	12.0	< 1.0 J	< 5.0	< 1.0	2.9 J	< 20.0	2.6 J	17,000 J	180	410	130	3,900
	2004 01 (Spring)		< 5.0	16.5 J	177	< 4.0	< 5.0	< 10.0	5.5 J	< 10.0	-	< 10.0	3,090 J	< 1.0	11.7 J	< 20.0	< 20.0	< 10.0	< 10.0	5.1 J	< 20.0	< 200	19,000 J	223 J	397	147	3,790 J
	2003 04 (Winter)		< 5.0	< 50.0	251	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	3,640	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 50.0 UJ	< 50.0	< 20.0	< 200	34,300	479	693	246	5,740
	2003 03 (Fall)		< 5.0	< 50.0	445	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	7,190	< 0.40	< 50.0	2.1 J	< 20.0	< 10.0	< 25.0	< 50.0	< 20.0	< 200	56,500	761	768	200	4,350
	2003 02 (Summer)		< 50.0	17.6 J	214	< 4.0	< 5.0	< 10.0	4.7 J	< 10.0	-	< 10.0	3,860 J	< 0.40 UJ	< 50.0	9.6 J	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	21,800	217	500	138 J	3,930
	2003 01 (Spring)		< 1.0	3.2 J	170 J	< 2.0	< 5.0	2.5 J	4.6 J	2.2 J	-	< 3.0	2,800	< 0.20	1.6 J	12.0 J	< 5.0	< 5.0	< 1.0	3.3 J	< 20.0	< 100	17,000	160	340	110	3,900
	2002 04 (Winter)		0.15 J	23.0 J	280 J	< 2.0	< 5.0	< 10.0	1.8 J	4.1 J	-	0.41 J	4,800	< 0.20	< 20.0 UJ	4.5 J	35.0	< 5.0	< 2.0	0.76 J	< 20.0	4.5 J	37,000 J	540	800	190	6,000
	2002 03 (Fall)		0.14 J	< 5.0	260	< 2.0	< 5.0	< 10.0	2.1 J	5.1 J	-	< 3.0	6,300	< 0.20	1.1 J	8.4 J	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	< 100	17,000	680	780	180	4,700
	2002 02 (Summer)		0.29 J	8.5	91.0	< 2.0	0.25 J	23.0	4.9 J	1.8 J	< 10.0	< 3.0	3,300	< 0.20	< 20.0	11.0 J	< 5.0	0.11 J	< 2.0	7.1 J	< 20.0	< 100	980	110	290	130	2,700
M017-A	2004 04 (Winter)		0.39 J	10.0	95.0	< 2.0	< 5.0	1.1 J	0.77 J	5.5 J	-	0.086 J	11.0	< 0.20	3.5 J	9.0 J	27.0	< 5.0	< 5.0	3.3 J	17.0 J	100 J	1,500	390	990	300	7,600
	2004 02 (Summer)		0.41 J	4.7	67.0	< 1.0	< 1.0	1.4	0.94 J	4.5	-	0.085 J	< 10.0	< 0.20	4.2 J	4.4	< 1.0 J	< 5.0	< 1.0	5.1	< 20.0	2.3 J	< 100	360	670	260	5,800
	2004 01 (Spring)		< 5.0	4.2 J	46.0 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	< 10.0	< 0.40	24.7 J	< 20.0	< 20.0	< 10.0	< 10.0	5.9 J	< 20.0	< 200	< 100	264	655	252 J	6,040
	2003 04 (Winter)		2.2 J	< 50.0	64.8 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0 UJ	< 10.0	< 0.40	< 50.0	16.9 J	< 20.0	< 10.0	< 10.0 UJ	< 50.0	< 20.0	< 200	< 100	310	828	360	7,740
	2003 03 (Fall)		< 5.0	< 50.0	95.0 J	< 4.0	< 5.0	< 10.0	< 10.0	1.6 J	-	< 10.0	< 10.0	< 0.40	< 50.0	1.8 J	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	< 100	425	1,040	327	6,800
	2003 02 (Summer)		< 50.0	< 50.0	75.6 J	< 4.0	< 5.0	< 10.0	< 10.0	3.0 J	-	< 10.0	< 10.0	< 0.40 UJ	< 50.0	1.4 J	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	< 100	562	836	292 J	5,830
	2003 01 (Spring)		0.46 J	< 5.0	73.0	< 2.0	< 5.0	0.95	< 10.0	5.3 J	-	< 3.0	1.0 J	< 0.20	3.5 J	4.6 J	< 5.0	< 5.0	< 1.0	4.6 J	< 20.0	< 100	670	330 J	840 J	250 J	6,900

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Table 2-6
Groundwater Sample Analytical Results at IR Site 2: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																				Common Rock-forming Elements				
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Hexavalent Chromium	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	50.0	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	NA	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	36.0	NA	NA	8.8	NA	NA	3.1	NA	8.1	NA	0.94	NA	8.2	71.0	1.9	NA	NA	81.0	NA	NA	NA	NA	NA	NA
M017-A	2002 04 (Winter)		0.27 J	17.0 J	89.0 J	< 2.0	< 5.0	< 10.0 UJ	0.90 J	5.9 J	-	0.47 J	< 10.0	< 0.20	< 20.0 UJ	6.8 J	64.0	< 5.0	< 2.0	2.7 J	< 20.0	44.0 J	< 100 UJ	370	1,000	310	8,100
	2002 03 (Fall)		< 50.0	< 5.0	100	< 2.0	< 5.0	< 10.0	0.90 J	< 10.0	-	< 3.0	< 10.0	< 0.20	3.6 J	6.2 J	< 5.0 UJ	< 5.0	< 2.0	1.8 J	< 20.0	< 100	830	370	1,000	290	8,100
	2002 02 (Summer)		0.27 J	13.0	80.0	< 2.0	< 5.0	< 10.0	0.81 J	< 10.0	< 10.0	0.027 J	< 10.0	< 0.20	< 20.0	< 20.0	52.0 J	< 5.0	< 2.0	< 10.0	< 20.0	4.6 J	< 100	320	870	260	6,800
M018-A	2004 04 (Winter)		0.31 J	9.6	130	< 2.0	1.5 J	1.0 J	1.5	6.2 J	-	0.12 J	2,000	< 0.20	2.1 J	18.0 J	< 5.0	< 5.0	< 5.0	3.5 J	18.0 J	100 J	1,700	510	1,000	260	5,700
	2004 02 (Summer)		< 1.0	7.0	61.0	< 2.0	< 5.0	< 10.0	0.99 J	4.1 J	-	0.60 J	570	< 0.20	< 20.0	< 20.0	18.0	< 5.0	< 1.0	7.7 J	< 20.0	< 50.0	< 100	290	550	180	4,300
	2004 01 (Spring)		< 10.0	< 50.0	54.0 J	< 4.0	< 5.0	< 10.0	< 10.0	5.6 J	-	< 10.0	840	< 0.40	13.5 J	12.4 J	< 20.0	< 10.0	< 10.0	8.0 J	< 20.0	< 200	< 100	317	628	216	4,530
	2003 04 (Winter)		< 5.0	< 50.0	111	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0 UJ	50.5	< 0.40	< 50.0	21.5	< 20.0	< 10.0	< 10.0 UJ	< 50.0	< 20.0	< 200	< 100	402	835	266	5,120
	2003 03 (Fall)		< 5.0	< 50.0	123	< 4.0	< 5.0	< 10.0	< 10.0	3.9 J	-	< 10.0	632	< 0.40	< 50.0	11.2 J	< 20.0	< 10.0	< 25.0	< 50.0	< 20.0	< 200	< 100	469	1,050	251	5,220
	2003 02 (Summer)		< 50.0	< 50.0	85.7 J	< 4.0	< 5.0	< 10.0	< 10.0	6.0 J	-	< 10.0	51.8 J	< 0.40 UJ	< 50.0	10.8 J	< 20.0	< 10.0	< 50.0	3.1 J	< 20.0	< 200	< 100	328	632	167 J	3,630
	2003 01 (Spring)		1.7	6.3	91.0	< 2.0	1.2 J	1.2 J	1.2 J	6.2 J	-	< 3.0	150	< 0.20	2.5 J	12.0 J	16.0 J	< 5.0	< 1.0	5.5 J	< 20.0	3.2 J	610	290 J	550 J	160 J	4,000
	2002 04 (Winter)		0.18 J	11.0 J	160	< 2.0	0.60 J	< 10.0	0.97 J	6.2 J	-	0.42 J	2.8 J	< 0.20	< 20.0 UJ	9.0 J	37.0	5.0 J	< 2.0	4.5 J	< 20.0	5.9 J	1,800	470	840	210	5,400
	2002 03 (Fall)		0.20 J	6.7	110	< 2.0	0.98 J	< 10.0	1.2 J	6.0 J	-	< 3.0	28.0	< 0.20	3.1 J	13.0 J	11.0	< 5.0	< 2.0	< 10.0	44.0	< 100	970	290	550	150	3,800
	2002 02 (Summer)		0.24 J	8.8	110	< 2.0	< 5.0	4.9 J	1.3 J	< 10.0	< 10.0	0.043 J	56.0	< 0.20	< 20.0	< 20.0	35.0 J	< 5.0	< 2.0	6.8 J	< 20.0	5.4 J	< 100	220	480	160	3,400
M018-E	2004 04 (Winter)		0.19 J	41.0	78.0	< 2.0	< 5.0	1.2 J	4.3	5.5 J	-	0.21 J	14,000	< 0.20	4.3 J	25.0	-	< 5.0	< 5.0	1.4 J	24.0	100 J	14,000	730	1,700	400	15,000
	2004 02 (Summer)		< 1.0	< 1.0	87.0	0.17 J	< 5.0	< 10.0	3.9	< 10.0	-	1.6	15,000	< 0.20	< 20.0	15.0 J	< 1.0	< 5.0	< 1.0	< 10.0	12.0 J	3.7 J	15,000	770	1,900	440	14,000
	2003 04 (Winter)		< 25.0	26.2 J	59.2 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0 UJ	10,900	< 0.40	13.7 J	20.6	< 20.0	< 10.0	< 50.0 UJ	< 50.0	< 20.0	< 200	9,710	719	1,700	473	12,000
	2003 02 (Summer)		< 50.0	< 50.0	75.2 J	< 4.0	< 5.0	< 10.0	< 10.0	1.4 J	-	< 10.0	14,800 J	< 0.40 UJ	< 50.0	20.0 J	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	14,500	793	1,800	454 J	9,700
	2002 04 (Winter)		0.15 J	51.0 J	82.0	< 2.0	< 5.0	< 10.0	4.0 J	7.9 J	-	0.48 J	14,000	< 0.20	< 20.0 UJ	20.0 J	95.0	< 5.0	< 2.0	1.2 J	< 20.0	4.7 J	16,000	740	1,700	370	12,000
	2002 02 (Summer)		0.12 J	52.0	73.0	< 2.0	< 5.0	< 10.0	3.5 J	< 10.0	< 10.0	0.063 J	12,000	< 0.20	< 20.0	< 20.0	110 J	< 5.0	< 2.0	< 10.0	< 20.0	1,100	12,000	780	1,800	350	13,000
M019-A	2004 04 (Winter)		0.44 J	11.0	64.0	< 2.0	< 5.0	1.2 J	0.95 J	5.4 J	-	0.33 J	2.6 J	< 0.20	12.0 J	14.0 J	< 5.0	< 5.0	0.19 J	2.7 J	20.0	100 J	1,600	400	1,200	360	8,600
	2004 02 (Summer)		< 1.0	< 1.0	52.0	< 2.0	< 5.0	< 10.0	0.86 J	< 10.0	-	0.13 J	< 10.0	< 0.20	13.0 J	< 20.0	< 1.0 J	< 5.0	< 1.0	6.3 J	< 20.0	< 100	< 100	330	930	300	7,800
	2004 01 (Spring)		< 10.0	5.8 J	39.4 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	< 10.0	< 0.40	49.8 J	< 20.0	< 20.0	< 10.0 UJ	< 10.0	< 50.0	< 20.0	< 200	< 100	295	824	335	7,720
	2003 04 (Winter)		< 5.0	< 50.0	43.6 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	< 10.0	< 0.40	28.2 J	< 20.0	< 20.0	< 10.0	< 50.0 UJ	7.0 J	< 20.0	< 200	< 100	318	880	389	8,240
	2003 03 (Fall)		< 5.0	< 50.0	62.0 J	< 4.0	< 5.0	< 10.0	< 10.0	2.1 J	-	< 10.0	< 10.0	< 0.40	15.1 J	6.0 J	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	< 100	389	1,110	377	7,460
	2003 02 (Summer)		< 50.0	< 50.0	50.5 J	< 4.0	< 5.0	< 10.0	< 10.0	5.0 J	-	< 10.0	< 10.0	< 0.40 UJ	< 50.0	6.1 J	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	< 100	382	992	347 J	6,870
	2003 01 (Spring)		0.29 J	5.1	37.0	< 2.0	< 5.0	1.2 J	< 10.0	5.4 J	-	< 3.0	< 10.0	< 0.20	26.0	6.1 J	< 5.0	< 5.0	< 1.0	3.8 J	< 20.0	3.7 J	360	240	710	220	6,200
	2002 04 (Winter)		0.23 J	17.0 J	59.0 J	< 2.0	< 5.0	< 10.0 UJ	1.1 J	7.0 J	-	0.61 J	< 10.0	< 0.20	< 20.0 UJ	13.0 J	68.0	< 5.0	< 2.0	2.8 J	< 20.0	7.1 J	< 100 UJ	390	1,100	320	8,900
	2002 03 (Fall)		0.27 J	< 5.0	72.0	< 2.0	< 5.0	< 10.0 UJ	0.95 J	4.9 J	-	< 3.0	2.5 J	< 0.20	12.0 J	8.3 J	< 5.0	< 5.0 UJ	< 2.0	2.5 J	12.0 J	< 100	520 J	400	1,100	330	9,000
	2002 02 (Summer)		0.25 J	11.0	47.0	< 2.0	< 5.0	< 10.0	0.82 J	< 10.0	< 10.0	0.033 J	< 10.0	< 0.20	< 20.0	< 20.0	52.0 J	< 5.0	0.41 J	< 10.0	< 20.0	5.0 J	< 100	350	910	250	7,300
M019-E	2004 04 (Winter)		3.2	14.0	66.0	< 2.0	< 5.0	1.1 J	3.7	4.4 J	-	0.25 J	9,500	< 0.20	5.3 J	11.0 J	1.3 J	< 5.0	< 5.0	0.87 J	25.0	100 J	8,500	460	1,300	310	8,200
	2004 02 (Summer)		< 1.0	< 1.0	65.0	< 2.0	< 5.0	< 10.0	4.8	< 10.0	-	0.13 J	8,700	< 0.20	< 20.0	< 20.0	< 1.0 J	< 5.0	< 1.0	< 10.0	< 20.0	< 100	6,200	440	1,200	310	9,300
	2003 04 (Winter)		< 5.0	< 50.0	49.8 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	6,930	< 0.40	22.5 J	< 20.0	< 20.0	< 10.0	< 50.0 UJ	< 50.0	< 20.0	< 200	7,380	334	952	321	8,420
	2003 02 (Summer)		< 50.0	12.3 J	62.8 J	< 4.0	< 5.0	< 10.0	3.8 J	< 10.0	-	< 10.0	9,340 J	< 0.40 UJ	5.5 J	5.8 J	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	8,290	512	1,300	345 J	7,830
	2002 04 (Winter)		0.12 J	27.0 J	58.0 J	< 2.0	< 5.0	< 10.0 UJ	3.9 J	5.4 J	-	1.1 J	7,800	< 0.20	< 20.0 UJ	11.0 J	82.0	< 5.0	< 2.0	1.1 J	< 20.0	6.7 J	8,000 J	420	1,100	250	8,600
	2002 02 (Summer)		0.25 J	< 5.0	62.0	< 2.0	< 5.0	14.0	4.8 J	7.8 J	< 10.0	< 3.0 UJ	8,100	0.042 J	< 20.0	9.6 J	-	1.0 J	< 2.0	3.9 J	14.0 J	680	6,200	390	1,100	250	8,200
M020-A	2004 04 (Winter)		0.78 J	13.0	370	< 2.0	0.90 J	6.2 J	1.0	4.6 J	-	0.13 J	350	< 0.20	6.4 J	11.0 J	< 5.0	< 5.0	< 5.0	4.5 J	17.0 J	100 J	2,300	440	970	270	7,700
	2004 02 (Summer)		1.3	12.0	170	< 1.0	< 1.0	3.1 J	0.79 J	4.1	-	0.45 J	140	< 0.20	8.9	6.2	18.0 J	< 5.0	< 1.0	9.9 J	19.0 J	6.1 J	140 J	230	500	190	4,700
	2004 01 (Spring)		< 10.0	11.5 J	66.3 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	128	< 0.40	19.2 J	< 20.0	< 20.0	< 10.0 UJ	< 10.0	12.5 J	< 20.0	< 200	52.2 J	119	296	140	3,480

FWBZ

Table 2-6
Groundwater Sample Analytical Results at IR Site 2: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																				Common Rock-forming Elements				
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Hexavalent Chromium	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	50.0	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	NA	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	36.0	NA	NA	8.8	NA	NA	3.1	NA	8.1	NA	0.94	NA	8.2	71.0	1.9	NA	NA	81.0	NA	NA	NA	NA	NA	NA
M020-A	2003 04 (Winter)		< 5.0 UJ	< 50.0 UJ	348	< 4.0	< 5.0	< 10.0 UJ	< 10.0 UJ	< 10.0	-	< 10.0 UJ	306	-	11.0 J	14.1 J	< 20.0 UJ	< 10.0	-	< 50.0	< 20.0	381	458 J	413	1,310	405	9,780
	2003 03 (Fall)		< 5.0	< 50.0	425	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	454	< 0.40	7.3 J	4.8 J	< 20.0	< 10.0	< 50.0	9.6 J	< 20.0	< 200	257	490	1,090	358	7,240
	2003 02 (Summer)		< 50.0	9.1 J	416	< 4.0	8.6	< 10.0	< 10.0	2.9 J	-	< 10.0	316	< 0.40 UJ	7.6 J	5.0 J	< 20.0	< 10.0	< 50.0	6.9 J	< 20.0	< 200	115 J	501	885	292	5,880
	2003 01 (Spring)		2.0	14.0	140 J	< 2.0	< 5.0	2.4 J	< 10.0	5.4 J	-	< 3.0	110	< 0.20	8.5 J	4.6 J	16.0 J	< 5.0	< 1.0	11.0	< 20.0	3.8 J	460	170 J	350	130 J	3,000
	2002 04 (Winter)		0.58 J	14.0 J	460 J	< 2.0	< 5.0	< 10.0 UJ	0.87 J	5.1 J	-	0.42 J	490	< 0.20	< 20.0 UJ	6.2 J	53.0	< 5.0	< 2.0	8.0 J	< 20.0	5.3 J	420 J	530	1,100	300	8,600
	2002 03 (Fall)		0.32 J	< 5.3	350	< 2.0	< 5.0	< 10.0	0.91 J	< 10.0	-	< 3.0	190	< 0.20	5.8 J	4.2 J	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	< 100	800	480	890	250	6,400
	2002 02 (Summer)		0.55 J	10.0	320	< 2.0	< 5.0	< 10.0	0.76 J	< 10.0	< 10.0	0.051 J	240	< 0.20	< 20.0	< 20.0	35.0 J	< 5.0	< 2.0	11.0	< 20.0	700	53.0 J	400	850	230	6,400
M020-E	2004 04 (Winter)		0.39 J	18.0	170	< 2.0	< 5.0	1.4 J	3.1	3.9 J	-	0.19 J	9,900	< 0.20	2.9 J	9.1 J	< 5.0	< 5.0	< 5.0	2.2 J	25.0	100 J	45,000	440	1,500	300	9,400
	2004 02 (Summer)		< 1.0	17.0	180	< 2.0	< 5.0	< 10.0	2.9	< 10.0	-	0.13 J	9,300	< 0.20	< 20.0	< 20.0	< 5.0 J	< 5.0	0.45 J	< 10.0	< 20.0	< 100	36,000	470	1,500	310	11,000
	2004 01 (Spring)		< 10.0	8.9 J	159	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	8,460 J	< 1.0	23.4 J	< 20.0	< 20.0	< 10.0	< 10.0	< 50.0	< 20.0	< 200	36,500 J	387 J	1,560	338	10,600
	2003 04 (Winter)		< 5.0 UJ	8.8 J	153	< 4.0	< 5.0	< 10.0 UJ	43.7 J	< 10.0	-	< 10.0 UJ	7,840	-	< 50.0 UJ	< 20.0 UJ	< 20.0 UJ	< 10.0	-	< 50.0	7.4 J	< 200	35,500 J	372	1,690	393	11,400
	2003 03 (Fall)		< 5.0	< 50.0	219	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	11,800	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	48,800	572	1,890	448	10,100
	2003 02 (Summer)		< 50.0	18.1 J	223	< 4.0	< 5.0	< 10.0	2.6 J	< 10.0	-	< 10.0	11,200	< 0.40 UJ	< 50.0	1.4 J	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	48,600 J	560	1,840	426	9,560
	2003 01 (Spring)		< 1.0	< 5.0	180 J	< 2.0 UJ	< 5.0	< 10.0	2.2 J	10.0	-	< 3.0	9,800	< 0.20	< 200	6.1 J	< 5.0	< 5.0	< 1.0	< 10.0	< 20.0	5.3 J	41,000 J	430 J	1,500 J	260 J	10,000 J
	2002 04 (Winter)		< 50.0	< 5.0	180	< 2.0	< 5.0	< 10.0	2.8 J	13.0	-	< 3.0	8,200	< 0.20	3.2 J	< 400	< 5.0	< 5.0	< 2.0	3.5 J	< 20.0	< 100	34,000	380	1,300	260	9,000
	2002 03 (Fall)		0.16 J	< 5.0	170	< 2.0	< 5.0	< 10.0	2.4 J	13.0	-	< 3.0	8,200	< 0.20	3.4 J	11.0 J	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0 UJ	< 100	32,000	400	1,300	270	9,300
	2002 02 (Summer)		0.14 J	< 5.0	130	< 2.0	< 5.0	9.3 J	2.6 J	< 10.0	< 10.0 UJ	0.030 J	8,200	< 0.20	< 20.0	14.0 J	-	< 5.0 UJ	< 2.0	9.4 J	< 20.0	3.3 J	27,000	430	1,500	270	10,000
M021-A	2004 04 (Winter)		0.72 J	9.5	380	< 2.0	< 5.0 UJ	2.0 J	0.76 J	3.4 J	-	0.12 J	330 J	< 0.20	0.62 J	7.6 J	42.0	< 5.0	< 5.0	2.0 J	15.0 J	1.9 J	1,500	330	820	250	6,900
	2004 02 (Summer)		0.94 J	7.0	200	< 2.0	< 5.0	< 10.0	0.79 J	< 10.0	-	0.082 J	120	< 0.20	< 20.0	< 20.0	5.6 J	< 5.0	< 1.0	5.5 J	< 20.0	< 100	66.0 J	230	560	200	4,800
	2004 01 (Spring)		< 10.0	8.5 J	91.4 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	110	< 0.40	12.1 J	< 20.0	< 20.0	< 10.0 UJ	< 10.0	9.1 J	< 20.0	< 200	152	120	239	115	2,220
	2003 04 (Winter)		< 5.0 UJ	< 50.0 UJ	364	< 4.0	< 5.0	< 10.0 UJ	< 10.0 UJ	< 10.0	-	< 10.0 UJ	426	-	11.0 J	< 20.0 UJ	< 20.0 UJ	< 10.0	-	< 50.0	< 20.0	< 200	111 J	396	819	334	7,670
	2003 03 (Fall)		< 25.0	15.3 J	431	< 4.0	< 5.0	1.2 J	< 10.0	< 10.0	-	< 10.0	194	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	< 100	373	925	332 J	6,730
	2003 02 (Summer)		< 50.0	< 50.0	211	< 4.0	< 5.0	< 10.0	1.5 J	< 10.0	-	< 10.0	157	< 0.40 UJ	< 50.0	1.5 J	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	< 100	241	528	181	4,160
	2003 01 (Spring)		1.4	8.4	160 J	< 2.0	< 5.0	2.0 J	< 10.0	1.8 J	-	< 3.0	140	< 0.20	1.0 J	3.9 J	16.0 J	< 5.0	< 1.0	4.6 J	< 20.0	330 J	770	200 J	380 J	140 J	3,100 J
	2002 04 (Winter)		0.93 J	9.5	110	< 2.0	< 5.0	< 10.0	0.68 J	6.3 J	-	0.081 J	82.0	< 0.20	8.6 J	5.8 J	10.0	< 5.0	< 2.0	7.5 J	< 20.0	3.7 J	740	120	160	77.0	1,400
	2002 03 (Fall)		< 50.0	< 5.0	280	< 2.0	< 5.0	< 10.0	0.84 J	< 10.0	-	< 3.0	97.0	< 0.20	0.49 J	8.0 J	< 5.0 UJ	< 5.0	< 2.0	< 10.0	< 20.0	< 100	960	350	740	240	6,000
	2002 02 (Summer)		0.29 J	9.8	240	< 2.0	< 5.0	< 10.0	0.63 J	< 10.0	< 10.0	< 3.0	62.0	0.061 J	< 20.0	< 20.0	35.0	< 5.0	0.44 J	< 10.0	< 20.0	5.5 J	< 100	250	660	220	5,700
M021-E	2004 04 (Winter)		0.70 J	14.0	350	< 2.0	< 5.0 UJ	1.5 J	3.1	3.0 J	-	0.33 J	4,100	< 0.20	1.7 J	7.7 J	< 5.0	< 5.0	< 5.0	2.0 J	19.0 J	5.8 J	33,000 J	270	1,000	250	8,400
	2004 02 (Summer)		< 1.0	3.0	340	< 2.0	< 5.0	< 10.0	3.3	< 10.0	-	0.62 J	3,800	< 0.20	< 20.0	< 20.0	< 1.0 J	< 5.0	< 1.0	6.6 J	< 20.0	< 100	31,000	260	970	240	8,100
	2004 01 (Spring)		< 10.0	20.9 J	317	< 4.0	< 5.0	< 10.0	5.1 J	< 10.0	-	< 10.0	3,780 J	< 1.0	24.1 J	< 20.0	< 20.0	< 10.0	< 10.0	6.0 J	< 20.0	< 200	33,300 J	249 J	1,050	272	8,530
	2003 04 (Winter)		< 5.0 UJ	10.9 J	279	< 4.0	< 5.0	< 10.0 UJ	< 10.0 UJ	< 10.0	-	< 10.0 UJ	3,250	-	< 50.0 UJ	< 20.0 UJ	< 20.0 UJ	< 10.0	-	< 50.0	< 20.0	< 200	26,700 J	218	833	283	8,030
	2003 03 (Fall)		< 5.0	< 50.0	360	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	4,600	< 0.40	< 50.0	1.5 J	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	33,700	312	1,130	298	7,540
	2003 02 (Summer)		< 50.0	< 50.0	328	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	4,270	< 0.40 UJ	< 50.0	3.9 J	9.0 J	< 10.0	< 5.0	< 50.0	< 20.0	< 200	35,200 J	272	983	240	6,740
	2003 01 (Spring)		0.52 J	< 5.0	340 J	< 2.0	< 5.0	1.6 J	2.8 J	7.3 J	-	< 3.0	3,900	< 0.20	< 200	8.5 J	< 5.0	< 5.0	< 1.3	< 10.0	< 20.0	3.0 J	30,000 J	240 J	890 J	220 J	7,400
	2002 04 (Winter)		< 50.0	< 5.0	280	< 2.0	< 5.0	2.4	3.1 J	11.0	-	0.13 J	3,600	< 0.20	1.3 J	11.0 J	< 5.0	< 5.0	< 2.0	3.6 J	< 20.0	4.0 J	27,000	220	810	200	6,600
	2002 03 (Fall)		< 50.0	< 5.0	280	< 2.0	< 5.0	< 10.0	2.6 J	11.0	-	< 3.0	3,500	< 0.20	1.8 J	11.0 J	< 5.0 UJ	< 5.0	< 2.0	< 10.0	< 70.0	< 100	26,000	240	900	210	7,400
	2002 02 (Summer)		0.12 J	< 5.0	260	1.5 J	< 5.0	< 10.0	2.9 J	< 10.0	< 10.0 UJ	0.029 J	4,200	< 0.20	< 20.0	< 20.0	-	< 5.0 UJ	< 2.0	8.8 J	9.2 J	3.2 J	22,000	270	980	220	8,200
M022-A	2004 04 (Winter)		1.8	4.4 J	810	< 2.0	< 5.0	6.7 J	1.9	2.2 J	-	0.20 J	230	< 0.20	0.23 J	6.8 J	< 5.0	< 5.0	0.22 J	9.5 J	16.0 J	100 J	1,400	370	640	190	4,700

FWBZ

Table 2-6
Groundwater Sample Analytical Results at IR Site 2: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																					Common Rock-forming Elements			
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Hexavalent Chromium	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	50.0	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	NA	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	36.0	NA	NA	8.8	NA	NA	3.1	NA	8.1	NA	0.94	NA	8.2	71.0	1.9	NA	NA	81.0	NA	NA	NA	NA	NA	NA
M022-A	2004 02 (Summer)		2.3	2.2	660	< 2.0	< 5.0	< 10.0	2.1	< 10.0	-	0.061 J	120	< 0.20	< 20.0	< 20.0	< 1.0 J	< 5.0	< 1.0	14.0	< 20.0	< 100	< 100	330	560	180	5,000
	2004 01 (Spring)		< 10.0	< 50.0	664	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	128	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0 UJ	< 10.0	8.7 J	< 20.0	< 200	< 100	347	607	208	5,230
	2003 04 (Winter)		< 5.0 UJ	< 50.0 UJ	707	< 4.0	< 5.0	< 10.0 UJ	< 10.0 UJ	< 10.0	-	< 10.0 UJ	113	-	32.0 J	< 20.0 UJ	< 20.0 UJ	< 10.0	-	11.5 J	< 20.0	< 200	< 100 UJ	357	634	241	5,940
	2003 03 (Fall)		< 5.0	< 50.0	857	< 4.0	< 5.0	6.2 J	< 10.0	< 10.0	-	< 10.0	201	< 0.40	< 50.0	2.0 J	< 20.0	< 10.0	< 25.0	8.6 J	< 20.0	< 200	< 100	426	757	240	5,510
	2003 02 (Summer)		< 50.0	< 50.0	827	< 4.0	< 5.0	5.1 J	< 10.0	< 10.0	-	< 10.0	165	< 0.40 UJ	< 50.0	1.8 J	< 20.0	< 10.0	< 50.0	8.8 J	< 20.0	< 200	< 100	419	733	227	5,330
	2003 01 (Spring)		2.4	< 5.0	760 J	< 2.0	< 5.0	5.7 J	1.7 J	2.6 J	-	< 3.0	140	< 0.20	< 200	4.1 J	< 5.0	< 5.0	< 1.0	9.7 J	< 20.0	5.1 J	890	360 J	630 J	170 J	5,400
	2002 04 (Winter)		1.4 J	8.5	840	< 2.0	< 5.0	5.3 J	1.9 J	3.0 J	-	< 3.0	120	< 0.20	< 20.0	5.6 J	9.8	< 5.0	< 2.0	8.0 J	< 20.0	< 100	1,700	440	690	200	5,500
	2002 03 (Fall)		1.5 J	< 5.0	710	< 2.0	< 5.0	5.6 J	1.8 J	< 10.0	-	< 3.0	140	< 0.20	< 20.0	6.2 J	< 5.0 UJ	< 5.0	< 2.0	7.3 J	< 20.0	< 100	950	330	610	180	5,200
	2002 02 (Summer)		1.2 J	8.6	750	< 2.0	< 5.0	< 10.0	1.8 J	< 10.0	< 10.0	0.091 J	150	0.12 J	< 20.0	< 20.0	39.0 J	< 5.0	0.84 J	9.9 J	< 20.0	8.7 J	110	350	620	180	5,200
M022-E	2004 04 (Winter)		1.2	16.0	540	< 2.0	< 5.0 UJ	1.2 J	17.0	2.6 J	-	0.13 J	4,400	0.078 J	5.5 J	18.0 J	2.4 J	< 5.0	0.41 J	1.3 J	18.0 J	3.8 J	22,000 J	270	920	230	7,500
	2004 02 (Summer)		0.47 J	< 1.0	600	< 1.0	< 1.0	1.9	23.0	14.0	-	0.60 J	4,300	< 0.20	7.3	27.0	< 1.0 J	< 1.0	< 1.0	6.1 J	< 1.0	< 50.0	21,000	290	960	220	8,400
	2004 01 (Spring)		< 5.0	6.9 J	481	< 4.0	< 5.0	< 10.0	16.0	< 10.0	-	< 10.0	3,660 J	< 1.0	15.2 J	10.4 J	< 20.0	< 10.0	< 10.0	< 50.0	< 20.0	< 200	18,400 J	235 J	1,030	227	7,540
	2003 04 (Winter)		< 5.0 UJ	< 50.0 UJ	524	< 4.0	< 5.0	< 10.0 UJ	< 20.7 UJ	< 10.0	-	< 10.0 UJ	3,560	-	16.4 J	18.3 J	< 20.0 UJ	< 10.0	-	< 50.0	< 20.0	< 200	19,000 J	231	814	275	2,720
	2003 03 (Fall)		< 25.0	15.8 J	672	< 4.0	0.88 J	< 10.0	26.1	< 10.0	-	< 10.0	5,130	< 0.40	8.4 J	20.7	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	25,000	313	1,070	278 J	7,570
	2003 02 (Summer)		< 50.0	7.5 J	637	< 4.0	< 5.0	< 10.0	25.4	< 10.0	-	< 10.0	4,780	< 0.40 UJ	8.7 J	19.7 J	< 20.0	< 10.0	< 50.0	< 50.0	1.9 J	< 200	23,500 J	296	1,000	250	6,920
	2003 01 (Spring)		1.9	< 5.0	560 J	< 2.0	< 5.0	1.5 J	21.0	7.5 J	-	< 3.0	4,100 J	< 0.20	5.9 J	22.0	< 5.0	< 5.0	< 1.8	< 10.0	< 20.0	14.0 J	20,000	230 J	820 J	180 J	7,200
	2002 04 (Winter)		< 50.0	< 5.0	420	< 2.0	2.9 J	< 10.0	13.0	8.7 J	-	< 3.0	3,300	< 0.20	< 20.0	40.0	< 5.0	< 5.0	< 2.0	< 10.0	34.0 J	< 100	13,000	290	910	220	7,700
	2002 03 (Fall)		< 50.0	< 5.0	550	< 2.0	< 5.0	< 10.0	16.0	< 10.0	-	< 3.0	3,500	< 0.20	6.3 J	21.0	< 5.0 UJ	< 5.0	< 2.0	< 10.0	< 21.0	< 100	20,000	240	810	180	7,000
	2002 02 (Summer)		0.32 J	< 5.0	590	< 2.0	< 5.0	< 10.0	26.0	< 10.0	< 10.0	0.23 J	4,000	< 0.20	< 20.0	22.0	-	< 5.0 UJ	< 2.0	7.1 J	11.0 J	5.6 J	19,000	250	870	190	7,400
FWBZ	M023-A	2004 04 (Winter)	21.0	9.9	230	< 2.0	< 5.0 UJ	2.3 J	0.66 J	3.4 J	-	0.15 J	35.0	< 0.20	0.91 J	5.0 J	22.0	< 5.0	< 5.0	1.9 J	15.0 J	5.3 J	1,400	360	770	240	7,500
		2004 02 (Summer)	42.0	8.3	270	< 2.0	< 5.0	< 10.0	0.59 J	< 10.0	-	0.11 J	19.0	< 0.20	< 20.0	< 20.0	< 1.0	< 5.0	< 1.0	< 10.0	< 20.0	4.4 J	< 100	390	820	240	6,300
		2004 01 (Spring)	67.1	< 50.0	179	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	37.6	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0	6.1 J	< 20.0	< 200	< 100	224	428	159	3,940
		2003 04 (Winter)	5.2 J	< 50.0 UJ	133	< 4.0	< 5.0	< 10.0 UJ	< 10.0 UJ	< 10.0	-	< 10.0 UJ	26.5	-	12.8 J	< 20.0 UJ	< 20.0 UJ	< 10.0	-	< 50.0	< 20.0	< 200	< 100 UJ	247	526	236	5,500
		2003 03 (Fall)	30.6 J	< 50.0 UJ	302	< 4.0	< 5.0	2.3 J	< 10.0	1.3 J	-	< 10.0	38.5	-	< 50.0	< 20.0	< 20.0	< 10.0	-	< 50.0	< 20.0	< 200	< 100	456	1,070	362 J	7,280
		2003 02 (Summer)	< 73.3	< 50.0 UJ	296	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	49.0	< 0.40 UJ	< 50.0	< 20.0	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	< 100	446	962	303	6,640
		2003 01 (Spring)	26.0	4.8 J	< 240	0.37 J	< 5.0	2.3 J	< 10.0	4.2 J	-	< 3.0	54.0	< 0.20	1.7 J	2.7 J	13.0	< 5.0	< 1.0	2.5 J	< 20.0	10.0 J	510	320	700	200	5,600
		2002 04 (Winter)	26.0 J	10.0	190	< 2.0	< 5.0	< 10.0	0.70 J	4.7 J	-	0.43 J	58.0	< 0.20	1.7 J	4.7 J	< 5.0 UJ	< 5.0	< 2.0	1.1 J	< 20.0	7.6 J	1,100	370	760	230	6,900
		2002 03 (Fall)	38.0 J	< 5.0	340	< 2.0	< 5.0	3.4 J	1.0 J	3.2 J	-	0.096 J	45.0	< 0.20	0.54 J	8.2 J	< 5.0 UJ	< 5.0	< 2.0	1.3 J	< 20.0	< 100	1,400	470	990	270	8,200
		2002 02 (Summer)	5.6 J	< 5.0	410	< 2.0	< 5.0	< 10.0	1.1 J	5.5 J	< 10.0	< 3.0 UJ	43.0	< 0.20	0.82 J	5.0 J	-	< 5.0	< 2.0	6.3 J	< 20.0	9.2 J	1,800	400	750	210	6,000
	M023-E	2004 04 (Winter)	0.86 J	51.0	1,300	< 2.0	< 5.0 UJ	1.8 J	3.8	2.3 J	-	0.11 J	900 J	< 0.20	1.1 J	8.0 J	35.0	< 5.0	< 5.0	1.9 J	16.0 J	3.4 J	34,000 J	190	970	240	8,100
		2004 02 (Summer)	0.31 J	< 1.0	1,200	< 1.0	< 1.0	2.6 J	4.7	13.0	-	0.50 J	730	< 0.20	1.1 J	14.0	< 1.0 J	< 5.0	< 1.0	2.0 J	< 20.0	3.1 J	31,000 J	180	950	250	8,900
		2004 01 (Spring)	< 5.0	48.5 J	959	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	678 J	< 1.6 UJ	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0	< 50.0	< 20.0	< 200	29,100 J	153 J	838	248	8,330
		2003 04 (Winter)	< 5.0	43.1 J	1,050	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	648	< 0.40	24.5 J	< 20.0	< 20.0	< 10.0	< 5.0 UJ	5.5 J	< 20.0	< 200	28,800	153	843	290	8,950
		2003 03 (Fall)	< 5.0 UJ	58.3 J	1,440	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	1,200	-	< 50.0	< 20.0	< 20.0	< 10.0	-	< 50.0	< 20.0	< 200	34,700	213	1,060	287 J	7,700
		2003 02 (Summer)	< 50.0	< 64.4 UJ	1,280	< 4.0	< 5.0 UJ	< 10.0	< 10.0	< 10.0	-	< 10.0	824	< 0.40 UJ	< 50.0	5.7 J	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	36,000 J	204	1,020	268	7,500
		2003 01 (Spring)	0.35 J	< 5.0	1,100	< 2.0	< 5.0	2.5 J	4.4 J	7.5 J	-	< 3.0	820	< 0.28	< 200	11.0 J	< 5.0	< 5.0	< 1.0	< 10.0	< 20.0	4.5 J	29,000	150	840	190	7,300
		2002 04 (Winter)	< 50.0	< 5.0	1,100	< 2.0	< 5.0	3.3 J	4.4 J	12.0	-	0.13 J	740	< 0.20	0.83 J	14.0 J	< 5.0	< 5.0	< 2.0	4.1 J	< 20.0	< 100	32,000	160	850	210	7,700
		2002 03 (Fall)	0.25 J	< 5.0	1,000	< 2.0	< 5.0	1.1 J	3.3 J	10.0	-	0.045 J	1,300	< 0.20	1.0 J	13.0 J	< 5.0 UJ	< 5.0	< 2.0	< 10.0	< 20.0	< 100	15,000	180	890	210	8,000

Table 2-6
Groundwater Sample Analytical Results at IR Site 2: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																					Common Rock-forming Elements			
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Hexavalent Chromium	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	50.0	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	NA	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	36.0	NA	NA	8.8	NA	NA	3.1	NA	8.1	NA	0.94	NA	8.2	71.0	1.9	NA	NA	81.0	NA	NA	NA	NA	NA	NA
M023-E	2002 02 (Summer)		0.19 J	< 5.0	1,100	< 2.0	< 5.0	< 10.0	3.7 J	< 10.0	< 10.0	0.053 J	860	< 0.20	< 20.0	< 20.0	-	< 5.0 UJ	< 2.0	8.8 J	11.0 J	6.9 J	29,000	180	930	200	8,600
M024-A	2004 04 (Winter)		0.92 J	2.4 J	650	< 2.0	< 5.0	4.4 J	1.5	0.94 J	-	0.40 J	600	< 0.20	< 20.0	4.1 J	< 5.0	< 5.0	< 5.0	2.5 J	14.0 J	100 J	11,000	110	120	49.0	530
	2004 02 (Summer)		1.7	3.6 J	1,100	< 2.0	< 5.0	< 10.0	2.7	< 10.0	-	0.22 J	450	< 0.20	< 20.0	< 20.0	2.2 J	< 5.0	0.72 J	< 10.0	< 20.0	13.0 J	14,000	120	180	74.0	450
	2004 01 (Spring)		2.1 J	< 50.0	965	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	414	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0 UJ	< 10.0	< 50.0	< 20.0	< 200	14,500	117	183	70.5 J	452
	2003 04 (Winter)		< 5.0	< 50.0	507	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	452	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0 UJ	< 50.0	< 20.0	< 200	8,040	82.3	90.2	45.5	479
	2003 03 (Fall)		< 5.0	8.6 J	461	< 4.0	< 5.0	5.6 J	2.2 J	< 10.0	-	< 10.0	489	< 0.40	< 50.0	1.5 J	< 20.0	< 10.0	< 5.0	3.4 J	< 20.0	< 200	7,800	84.0	102	38.3 J	397
	2003 02 (Summer)		< 50.0	< 50.0	1,000	< 4.0	< 5.0	3.0 J	< 10.0	< 10.0	-	< 10.0	455	< 0.40	< 50.0	3.5 J	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	13,800	119	196 J	69.1 J	452 J
	2003 01 (Spring)		0.80 J	0.71 J	640	< 2.0	< 5.0	3.7 J	1.5 J	1.1 J	-	< 3.0	350	< 0.20	< 20.0	3.0 J	1.4 J	< 5.0	< 1.0	2.1 J	< 20.0	< 100	8,100	92.0	99.0	49.0	430
	2002 04 (Winter)		0.66 J	< 5.0	520	0.048 J	< 5.0	4.1 J	2.1 J	1.9 J	-	0.44 J	340	< 0.20	< 20.0	3.9 J	1.3 J	0.025 J	< 2.0	< 10.0	70.0 J	18.0 J	17,000	120	53.0	37.0	250
	2002 03 (Fall)		0.48 J	< 5.0	480	0.031 J	< 5.0	4.8 J	1.3 J	< 10.0	-	< 3.0	620	< 0.20	< 20.0	3.8 J	< 5.0 UJ	< 5.0	< 2.0	3.4 J	< 20.0	< 100	7,600	96.0	88.0	43.0	470
	2002 02 (Summer)		0.63 J	1.2 J	600	< 2.0	< 5.0	< 10.0	1.4 J	< 10.0	< 10.0	0.13 J	570	< 0.20	< 20.0	< 20.0	4.5 J	< 5.0	3.7	< 10.0	< 20.0	210	6,800	100	100	50.0	480
M024-E	2004 04 (Winter)		1.3	14.0	250	< 2.0	< 5.0 UJ	2.0 J	0.68 J	0.67 J	-	0.071 J	660	< 0.20	2.8 J	2.8 J	4.5 J	< 5.0	0.24 J	2.9 J	8.9 J	2.7 J	5,900	69.0	82.0	41.0	850
	2004 02 (Summer)		< 1.0	16.0	270	< 2.0	< 5.0	< 10.0	0.61 J	< 10.0	-	0.14 J	540	< 0.20	< 20.0	< 20.0	2.5 J	< 5.0	< 5.0	4.6 J	7.9 J	< 100	4,800	62.0	70.0	36.0	750
	2004 01 (Spring)		< 5.0	10.6 J	199	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	283 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	5.2 J	< 20.0	< 200	5,030 J	51.1 J	31.9	25.9	372 J
	2003 04 (Winter)		< 5.0	< 50.0	176	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	341	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 25.0 UJ	< 50.0	< 20.0	< 200	4,120	44.6	39.5	29.0	537
	2003 03 (Fall)		< 5.0 UJ	< 50.0 UJ	251	< 4.0	< 5.0	2.0 J	< 10.0	< 10.0	-	< 10.0	757	-	< 50.0	< 20.0	< 20.0	< 10.0	-	1.8 J	10.5 J	< 200	4,800	67.0	93.4	37.2 J	884
	2003 02 (Summer)		< 50.0	17.1 J	245	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	731	< 0.40	< 50.0	1.4 J	< 20.0	< 10.0	< 5.0	1.8 J	< 20.0	< 200	4,340	63.5	92.7 J	34.7 J	851 J
	2003 01 (Spring)		< 1.0	13.0	280	< 2.0	< 5.0	< 10.0	< 10.0	0.52 J	-	< 3.0	600	< 0.20	3.5 J	5.9 J	2.4 J	< 5.0	< 1.0	2.8 J	< 20.0 UJ	< 100	5,600	67.0	79.0	38.0	770
	2002 04 (Winter)		0.21 J	15.0	210	< 2.0	< 5.0	2.4 J	0.34 J	0.19 J	-	0.062 J	250	< 0.20	3.4 J	0.87 J	0.89 J	< 5.0	< 2.0	3.9 J	1.7 J	3.4 J	4,300	43.0	30.0	27.0	420
	2002 03 (Fall)		< 50.0	12.0	310	< 2.0	< 5.0	< 10.0	0.75 J	< 10.0	-	< 3.0	990	< 0.20	3.3 J	3.9 J	< 5.0 UJ	< 5.0	< 2.0	1.6 J	< 20.0	< 100	6,000	80.0	130	49.0	1,200
	2002 02 (Summer)		0.24 J	15.0	250	< 2.0	< 5.0	< 10.0	0.63 J	< 10.0	< 10.0	0.080 J	540	< 0.20	< 20.0	< 20.0	5.7 J	< 5.0	< 2.0	< 10.0	< 20.0	110	5,500	57.0	65.0	35.0	700
M036-A	2004 04 (Winter)		0.99 J	3.9 J	550	< 2.0	< 5.0	7.5 J	3.1	1.4 J	-	0.28 J	750	< 0.20	0.56 J	5.4 J	3.2 J	< 5.0	< 5.0	3.8 J	12.0 J	30.0 J	16,000	250	230	87.0	1,600
	2004 02 (Summer)		0.90 J	< 1.0	750	< 1.0	< 1.0	7.2	2.7	4.1	-	0.45 J	920	< 0.20	0.86 J	5.8	< 1.0 J	< 1.0	< 1.0	< 10.0	< 1.0	24.0 J	9,600	260	260	97.0	2,000
	2004 01 (Spring)		< 10.0	< 50.0	617	< 4.0	< 5.0	7.5 J	< 10.0	< 10.0	-	< 10.0	1,090	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0	5.6 J	< 20.0	< 200	10,100	247	196	81.5	1,440
	2003 04 (Winter)		< 5.0	< 50.0	801	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	583	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	< 20.0	< 200	5,770	257	381	142	3,110
	2003 03 (Fall)		< 25.0 UJ	< 50.0	764	< 4.0	< 5.0	8.1 J	3.0 J	< 10.0	-	< 10.0	928 J	< 0.40	< 50.0	4.2 J	< 20.0	< 10.0	< 10.0	2.4 J	< 20.0	54.7 J	12,400 J	270 J	274 J	82.2 J	1,770 J
	2003 02 (Summer)		< 50.0	6.3 J	749	< 4.0	< 5.0	9.7 J	4.1 J	< 10.0	-	< 10.0	956	< 0.40	< 50.0	3.1 J	< 20.0	< 10.0	< 50.0	3.2 J	< 20.0	< 200	10,700	267	281	100 J	1,830
	2003 01 (Spring)		2.5	< 5.0	480	< 2.0	1.3 J	8.5 J	2.6 J	3.2 J	-	0.55 J	870	< 0.20	< 200	5.4 J	< 5.0	< 5.0	< 1.0	4.7 J	42.0 J	47.0 J	12,000	180	130	59.0	950
	2002 04 (Winter)		0.69 J	2.5 J	890	< 2.0	< 5.0	7.0 J	2.5 J	2.5 J	-	0.26 J	620	< 0.20	< 20.0	5.7 J	1.6 J	< 5.0	< 2.0	4.7 J	< 20.0	< 100	3,400	280	390	120	< 0.50
	2002 03 (Fall)		0.45 J	< 5.0	870	< 2.0	< 5.0	5.5 J	2.3 J	< 10.0	-	< 3.0	670	< 0.20	< 20.0	3.7 J	3.6 J	< 5.0	< 2.0	3.1 J	< 20.0	< 100	3,800	280	410	120	3,000
	2002 02 (Summer)		0.78 J	0.85 J	610	< 2.0	< 5.0	< 200	3.3 J	2.2 J	< 10.0	1.3 J	820	< 0.20	< 20.0	5.0 J	-	< 5.0	< 2.0	8.1 J	< 20.0	460	5,100	220	210	84.0	1,600
M036-E	2004 04 (Winter)		0.48 J	12.0	930	< 2.0	< 5.0	2.5 J	3.9	1.9 J	-	0.29 J	370	< 0.20	0.35 J	8.1 J	< 5.0	< 5.0	< 5.0	2.4 J	14.0 J	100 J	28,000	150	720	200	6,800
	2004 02 (Summer)		0.53 J	< 1.0	890	< 1.0	< 1.0	2.9	4.0	18.0	-	0.12 J	330	0.14 J	1.5 J	13.0	< 1.0 J	< 1.0	< 1.0	< 10.0	< 1.0	< 50.0	27,000	150	710	200	7,600
	2004 01 (Spring)		< 5.0	< 50.0	777	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	336 J	< 1.0	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0	< 50.0	< 20.0	< 200	25,900 J	142 J	694	223	7,570 J
	2003 04 (Winter)		< 5.0	7.5 J	802	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	318	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 25.0 UJ	< 50.0	< 20.0	< 200	23,800	128	645	243	7,390
	2003 03 (Fall)		< 5.0	< 50.0	954	< 4.0	< 5.0	1.8 J	< 10.0	< 10.0	-	< 10.0	410	< 0.40	< 50.0	3.8 J	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	29,400	163	772	225	6,620
	2003 02 (Summer)		< 50.0	14.7 J	1,060	< 4.0	< 5.0	2.0 J	4.9 J	< 10.0	-	< 10.0	431	< 0.40	< 50.0	3.7 J	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	31,500	179	823 J	212 J	7,340 J
	2003 01 (Spring)		1.1	< 5.0	870	< 2.0	< 5.0	3.0 J	3.9 J	6.0 J	-	< 3.0	320	< 0.20	< 200	9.9 J	< 5.0	< 5.0	< 1.0	3.7 J	< 20.0	5.1 J	24,000	130	610	160	6,600

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Table 2-6
Groundwater Sample Analytical Results at IR Site 2: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																					Common Rock-forming Elements			
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Hexavalent Chromium	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	50.0	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	NA	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	36.0	NA	NA	8.8	NA	NA	3.1	NA	8.1	NA	0.94	NA	8.2	71.0	1.9	NA	NA	81.0	NA	NA	NA	NA	NA	NA
M036-E	2002 04 (Winter)		0.26 J	< 5.0	870	< 2.0	0.11 J	2.7 J	4.0 J	8.6 J	-	0.077 J	350	< 0.20	< 20.0	13.0 J	< 5.0	< 5.0	< 2.0	2.8 J	1.7 J	< 100	25,000	140	690	180	< 0.50
	2002 03 (Fall)		0.15 J	< 5.0	640	< 2.0	< 5.0	< 10.0	3.4 J	5.5 J	-	< 3.0	330	< 0.20	0.41 J	7.3 J	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	< 100	17,000	130	700	180	6,900
	2002 02 (Summer)		0.21 J	< 5.0	470	< 2.0	< 5.0	< 10.0	4.5 J	7.1 J	< 10.0	0.27 J	330	< 0.20	0.64 J	8.6 J	-	< 5.0	< 2.0	5.9 J	< 20.0	300	1,600	140	730	180	7,500
M037-A	2004 04 (Winter)		1.7	11.0	350	< 2.0	< 5.0	8.3 J	5.3	1.1 J	-	0.19 J	200	< 0.20	0.56 J	11.0 J	18.0	< 5.0	< 5.0	6.5 J	10.0 J	7.3 J	12,000	90.0	210	130	2,500
	2004 02 (Summer)		2.1	19.0	330	< 2.0	< 5.0	< 10.0	6.2	< 10.0	-	0.24 J	200	< 0.20	< 20.0	< 20.0	14.0 J	< 5.0	< 1.0	12.0	< 20.0	26.0 J	12,000	110	320	180	3,900
	2004 01 (Spring)		< 10.0	4.5 J	282	< 4.0	< 5.0	7.0 J	< 10.0	< 10.0	-	< 10.0	183	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0	8.5 J	< 20.0	< 200	9,810	97.4	179	126	2,120
	2003 04 (Winter)		< 5.0	5.9 J	334	< 4.0	< 5.0	< 10.0	< 12.5	< 10.0	-	< 10.0	177	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	6.3 J	< 20.0	< 200	17,100	90.4	194	146	2,470
	2003 03 (Fall)		10.2 J	24.0 J	568	< 4.0	0.92 J	8.0 J	8.9 J	< 10.0	-	< 10.0	475 J	< 0.40	< 50.0	15.1 J	< 20.0	< 10.0	< 10.0	7.7 J	35.4	< 200	27,200 J	173 J	555 J	282 J	5,510 J
	2003 02 (Summer)		< 50.0	6.8 J	441	< 4.0	< 5.0	11.1	6.4 J	< 10.0	-	< 10.0	211	< 0.40	< 50.0	13.9 J	< 20.0	< 10.0	< 50.0	5.3 J	< 20.0	< 200	20,400	122	261	134 J	2,670
	2003 01 (Spring)		2.8	4.4 J	290	< 2.0	< 5.0	8.8 J	6.4 J	1.7 J	-	< 3.0	170	< 0.20	< 200	13.0 J	< 5.0	< 5.0	< 1.0	11.0	< 20.0	13.0 J	8,100	85.0	170	110	2,100
	2002 04 (Winter)		1.5 J	< 5.0	390	< 2.0	< 5.0	9.9 J	6.5 J	1.7 J	-	0.17 J	210	< 0.20	< 20.0	14.0 J	< 5.0	< 5.0	< 2.0	8.0 J	16.0 J	< 100	17,000	100	200	130	2,400
	2002 03 (Fall)		2.7 J	< 5.0	350	< 2.0	< 5.0	8.6 J	5.8 J	3.1 J	-	< 3.0	200	0.13 J	0.84 J	17.0 J	< 5.0	< 5.0	< 2.0	10.0	< 20.0	68.0 J	13,000	87.0	260	150	3,100
	2002 02 (Summer)		3.6 J	16.0	230	< 2.0	< 5.0	8.7 J	8.0 J	3.9 J	< 10.0	0.88 J	220	< 0.20	1.3 J	< 400	-	< 5.0	< 2.0	16.0	< 20.0	340	6,300	100	280	170	3,600
M037-E	2004 04 (Winter)		0.27 J	11.0	1,500	< 2.0	< 5.0	1.5 J	3.8	2.4 J	-	0.12 J	360	0.12 J	0.38 J	4.8 J	1.5 J	< 5.0	< 5.0	1.6 J	14.0 J	1.9 J	170,000	210	930	880	8,400
	2004 02 (Summer)		< 1.0	< 1.0	1,500	< 2.0	< 5.0	< 10.0	5.0	< 10.0	-	0.58 J	380	< 0.20	< 20.0	10.0 J	< 1.0 J	< 5.0	0.28 J	< 10.0	< 20.0	7.5 J	30,000 J	220	960	260	8,500
	2004 01 (Spring)		< 10.0	5.8 J	1,480	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	420	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0	< 50.0	< 20.0	< 200	32,600	211	998	316	9,250
	2003 04 (Winter)		< 5.0	< 50.0	1,260	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	351	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 25.0 UJ	< 50.0	< 20.0	< 200	26,300	177	831	301	8,420
	2003 03 (Fall)		< 25.0 UJ	< 50.0	1,610	< 4.0	0.71 J	< 10.0	4.1 J	< 10.0	-	< 10.0	497 J	< 0.40	< 50.0	2.4 J	< 20.0	< 10.0	< 10.0	< 50.0	< 20.0	< 200	35,100 J	252 J	1,110 J	310 J	7,630 J
	2003 02 (Summer)		< 50.0	7.7 J	1,770	< 4.0	< 5.0	< 10.0	3.6 J	< 10.0	-	< 10.0	544	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	39,500	275	1,210	334 J	8,220
	2003 01 (Spring)		0.32 J	< 5.0	1,500	< 2.0	< 5.0	2.1 J	4.4 J	6.4 J	-	< 3.0	420	< 0.20	< 200	8.4 J	< 5.0	< 5.0	< 1.0	< 10.0	< 20.0	3.5 J	29,000	190	790	210	7,300
	2002 04 (Winter)		0.17 J	< 5.0	1,400	< 2.0	< 5.0	1.6 J	4.0 J	8.2 J	-	0.12 J	400	< 0.20	< 20.0	11.0 J	< 5.0	< 5.0	< 2.0	1.6 J	< 20.0	< 100	29,000	210	930	230	8,100
	2002 03 (Fall)		0.11 J	< 5.0	1,300	< 2.0	< 5.0	< 10.0	3.7 J	8.4 J	-	< 3.0	430	< 0.20	0.56 J	7.1 J	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	< 100	28,000	200	910	220	7,700
	2002 02 (Summer)		0.18 J	< 5.0	1,000	< 2.0	< 5.0	< 500	4.8 J	10.0 J	< 10.0	< 3.0 UJ	450	< 0.20	0.88 J	7.2 J	-	< 5.0	< 2.0	8.4 J	< 20.0	400	16,000	210	970	220	8,100
M038-A	2004 04 (Winter)		0.74 J	19.0	490	< 2.0	< 5.0	4.5 J	3.5	1.8 J	-	0.29 J	360	< 0.20	0.62 J	12.0 J	< 5.0	< 5.0	< 5.0	3.9 J	11.0 J	6.3 J	20,000	200	480	240	6,100
	2004 01 (Spring)		< 10.0	10.4 J	229	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	633	< 0.40	< 50.0	14.2 J	< 20.0	< 10.0 UJ	< 10.0	< 50.0	< 20.0	< 200	14,600	138	257	182	3,320
	2003 04 (Winter)		< 5.0	8.7 J	296	< 4.0	< 5.0	6.1 J	< 10.0	< 10.0	-	< 10.0 UJ	627	< 0.40	< 50.0	23.1	< 20.0	< 10.0	< 25.0 UJ	6.2 J	< 20.0	< 200	15,400	143	296	203	3,600
	2003 02 (Summer)		< 50.0	26.5 J	486	< 4.0	< 5.0	4.6 J	4.6 J	< 10.0	-	< 10.0	621	< 0.40	< 50.0	14.9 J	< 20.0	< 10.0	< 50.0	2.6 J	< 20.0	< 200	32,500	256	591 J	302 J	5,900 J
	2003 01 (Spring)		2.2	1.7 J	210	< 2.0	< 5.0	7.2 J	4.3 J	3.1 J	-	< 3.0	570	< 0.20	< 200	13.0 J	< 5.0	< 5.0	< 1.0	5.8 J	7.0 J	8.1 J	9,500	110	180	120	2,300
	2002 04 (Winter)		0.77 J	< 5.0	520	< 2.0	< 5.0	6.4 J	4.5 J	6.1 J	-	0.24 J	600	< 0.20	< 20.0	17.0 J	< 5.0	< 5.0	< 2.0	5.0 J	< 20.0	< 100	28,000	140	320	240	3,800
	2002 02 (Summer)		0.81 J	10.0	200	< 2.0	< 5.0	5.4 J	4.2 J	< 10.0	-	0.13 J	470	0.045 J	< 20.0	9.7 J	30.0 J	< 5.0 UJ	< 2.0	< 10.0	< 20.0	5.5 J	180	200	480	240	6,000
M038-E	2004 04 (Winter)		1.1	16.0	1,600	< 2.0	< 5.0	2.5 J	4.2	3.1 J	-	0.12 J	180	< 0.20	0.36 J	18.0 J	< 5.0	< 5.0	< 5.0	4.0 J	17.0 J	1.4 J	19,000	240 J	1,000	270 J	7,900
	2004 02 (Summer)		0.36 J	< 1.0	1,800	< 1.0	< 1.0	3.7 J	5.3	14.0	-	0.066 J	250	< 0.20	0.68 J	18.0	< 1.0 J	< 5.0	< 1.0	2.2 J	< 20.0	2.7 J	28,000 J	270	1,100	300	9,600
	2004 01 (Spring)		< 10.0	8.9 J	1,560	< 4.0	< 5.0	10.2	< 10.0	< 10.0	-	< 10.0	264 J	< 1.0	19.3 J	34.4	< 20.0	< 10.0	< 10.0	< 50.0	< 20.0	< 200	29,900 J	266 J	1,170	329	9,430 J
	2003 04 (Winter)		< 5.0	< 50.0	1,420	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	247	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 25.0 UJ	< 50.0	< 20.0	< 200	24,800	221	945	338	9,140
	2003 03 (Fall)		< 25.0 UJ	< 50.0 UJ	1,870	< 4.0	< 5.0	1.8 J	< 10.0	< 10.0	-	< 10.0	361	-	< 50.0	< 20.0	< 20.0	< 10.0	-	< 50.0	< 20.0	< 200	33,400	318	1,260	361 J	8,200
	2003 02 (Summer)		< 50.0	13.4 J	1,920	< 4.0	< 5.0	1.8 J	5.4 J	< 10.0	-	< 10.0	359	< 0.40	< 50.0	3.9 J	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	35,500	335	1,330 J	326 J	9,430 J
	2003 01 (Spring)		0.30 J	< 5.0	1,700	< 20.0	< 5.0	3.1 J	4.5 J	7.0 J	-	< 3.0	280	< 0.20	< 200	11.0 J	< 5.0	< 5.0	< 1.0	3.4 J	< 20.0	3.2 J	28,000	240	970	250	7,900
	2002 04 (Winter)		0.44 J	< 5.0	1,700	< 2.0	< 5.0	2.7 J	4.5 J	9.5 J	-	0.15 J	240	< 0.20	< 20.0	20.0	< 5.0	0.080 J	< 2.0	5.0 J	< 20.0	< 100	23,000	260	1,100	270	8,700

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Table 2-6
Groundwater Sample Analytical Results at IR Site 2: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																				Common Rock-forming Elements				
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Hexavalent Chromium	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	50.0	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	NA	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
	Well Number	Event AWQC:	NA	36.0	NA	NA	8.8	NA	NA	3.1	NA	8.1	NA	0.94	NA	8.2	71.0	1.9	NA	NA	81.0	NA	NA	NA	NA	NA	NA
FWBZ	M038-E	2002 03 (Fall)	0.26 J	< 5.0	1,000	< 2.0	< 5.0	< 10.0	4.2 J	4.6 J	-	< 3.0	300	< 0.20	< 20.0	9.9 J	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	< 100	7,700	260	1,100	260	8,700
		2002 02 (Summer)	0.57 J	12.0	1,100	< 2.0	< 5.0	< 10.0	5.2 J	< 10.0	< 10.0 UJ	0.035 J	330	< 0.20	< 20.0	< 20.0	31.0 J	< 5.0 UJ	< 2.0	< 10.0	8.0 J	3.9 J	1,500	280	1,100	270	9,400
	M039-A	2004 04 (Winter)	0.73 J	5.2	340	< 2.0	< 5.0	6.5 J	2.9	1.3 J	-	0.43 J	800	< 0.20	< 20.0	8.8 J	4.6 J	< 5.0	< 5.0	2.0 J	7.5 J	100 J	8,700	140	110	77.0	810
		2004 02 (Summer)	0.71 J	4.1	270	< 1.0	< 1.0	7.2	2.5	0.82 J	-	0.11 J	720	< 0.20	0.30 J	5.7	1.4 J	< 5.0	< 1.0	3.1	< 20.0	16.0 J	6,800 J	130	99.0	76.0	740
		2004 01 (Spring)	< 5.0	< 50.0	205	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	744	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0	< 50.0	< 20.0	< 200	12,100	109	102	88.6 J	818
		2003 04 (Winter)	< 5.0	< 50.0	316	< 4.0	< 5.0	< 10.0	< 12.1	< 10.0	-	< 10.0	754	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	< 20.0	< 200	6,330	131	109	87.7	810
		2003 03 (Fall)	< 5.0 UJ	< 50.0	305	< 4.0	< 5.0	7.1 J	3.4 J	< 10.0	-	< 10.0	832 J	< 0.40	< 50.0	7.3 J	< 20.0	< 10.0	< 5.0	2.4 J	< 20.0	41.7 J	6,690 J	140 J	116 J	75.4 J	700 J
		2003 02 (Summer)	< 50.0	< 50.0	281	< 4.0	< 5.0	1.4 J	< 10.0	2.4 J	-	< 10.0	753	< 0.40	< 50.0	11.0 J	< 20.0	< 10.0	< 5.0	< 50.0	4.2 J	31.4 J	6,260	127	109	667 J	700
		2003 01 (Spring)	0.83 J	1.9 J	260	< 2.0	< 5.0	7.3 J	2.4 J	0.82 J	-	< 3.0	600	< 0.20	< 200	6.3 J	< 5.0	< 5.0	< 1.0	< 10.0	< 20.0	17.0 J	7,000	100	92.0	72.0	760
		2002 04 (Winter)	0.63 J	2.0 J	140	< 2.0	< 5.0	5.9 J	2.1 J	2.2 J	-	0.34 J	760	< 0.20	< 20.0	4.6 J	< 5.0	< 5.0	< 2.0	2.1 J	310 J	< 100	15,000	95.0	73.0	71.0	560
		2002 03 (Fall)	0.76 J	< 5.0	330	< 2.0	< 5.0	7.6 J	3.3 J	< 10.0	-	< 3.0	680	0.052 J	< 20.0	9.0 J	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	< 100	5,100	120	110	83.0	930
		2002 02 (Summer)	0.73 J	3.1 J	330	< 2.0	< 5.0	7.1 J	3.3 J	< 10.0	< 10.0 UJ	0.086 J	730	< 0.20	< 20.0	18.0 J	5.8 J	< 5.0 UJ	< 2.0	8.8 J	7.3 J	18.0 J	3,900	130	120	88.0	930
	M010-B	2004 04 (Winter)	0.094 J	7.8	34.0	< 2.0	< 5.0	2.3 J	0.58 J	1.3 J	-	0.28 J	63.0	< 0.20	0.27 J	2.4 J	13.0	< 5.0	0.62 J	1.8 J	8.3 J	2.3 J	1,800	93.0	500	150	2,800
		2004 02 (Summer)	0.081 J	5.5	37.0	< 1.0	< 1.0	2.9	0.74 J	1.3	-	0.075 J	56.0	< 0.20	< 5.0	2.4	4.6	< 1.0	< 1.0	< 3.2	< 1.0	< 50.0	1,600	120	540	160	3,100
		2003 04 (Winter)	< 5.0	< 50.0	30.2 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0 UJ	61.8	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0 UJ	< 50.0	< 20.0	< 200	1,500	93.2	459	167	2,700
		2003 02 (Summer)	< 50.0	< 50.0	38.7 J	< 4.0	< 5.0	1.2 J	< 10.0	< 10.0	-	< 10.0	74.2	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	1,840	127	585	162 J	2,890
		2002 04 (Winter)	0.052 J	9.3	37.0 J	< 2.0	< 5.0	2.2 J	0.52 J	1.4 J	-	< 3.0	65.0	0.15 J	< 20.0	1.5 J	25.0	< 5.0	< 2.0	1.8 J	< 20.0	< 100	1,900	86.0 J	490 J	130 J	2,700
		2002 02 (Summer)	< 50.0	6.6 J	32.0	< 2.0	< 5.0	< 10.0	0.55 J	< 10.0	< 10.0	0.053 J	62.0	< 0.20	< 20.0	< 20.0	25.0 J	< 5.0	< 2.0	< 10.0	14.0 J	7.3 J	1,200	99.0	470	150	2,600
SWBZ	M012-B	2004 04 (Winter)	0.31 J	< 5.0	59.0	< 2.0	< 5.0	1.5 J	12.0	5.2 J	-	0.54 J	10,000	< 0.20	3.1 J	23.0	< 5.0	< 5.0	< 5.0	8.6 J	22.0	8.8 J	2,200	700	1,400	180	8,300
		2004 02 (Summer)	0.28 J	< 1.0	54.0	< 1.0	< 1.0	< 1.3	11.0	8.2	-	0.34 J	7,900	< 0.20	3.3 J	24.0	< 1.0	< 1.0	0.26 J	8.6	< 1.0	7.5 J	< 100	640	1,300	160	8,500
		2003 04 (Winter)	< 5.0	< 50.0	47.7 J	< 4.0	< 5.0	< 10.0	< 14.3	< 10.0	-	< 10.0	7,490	< 0.40	28.2 J	< 20.0	< 20.0	< 10.0	< 25.0 UJ	7.2 J	< 20.0	< 200	51.4 J	670	1,400	210	8,260
		2003 02 (Summer)	< 500	< 500	61.9 J	< 40.0	< 50.0	< 100	15.7 J	< 100	-	< 100	10,200	< 0.40	< 500	< 200	< 200	< 100	< 50.0	< 500	< 200	< 2,000	< 1,000	612	1,460	200 J	7,670
		2002 04 (Winter)	0.089 J	15.0 J	54.0 J	< 2.0	< 5.0	< 10.0 UJ	11.0	5.1 J	-	0.55 J	8,800	< 0.20	< 20.0 UJ	18.0 J	57.0	< 5.0	< 2.0	6.8 J	< 20.0	6.1 J	83.0 J	600	1,200	160	7,300
		2002 02 (Summer)	< 50.0	< 5.0	53.0	< 2.0	< 5.0	7.1 J	9.5 J	< 10.0	< 10.0 UJ	< 3.0	7,800	< 0.20	< 20.0	< 20.0	0.80 J	< 5.0 UJ	< 2.0	5.1 J	< 20.0	< 100	< 100	660	1,400	150	8,400
	M013-C	2004 04 (Winter)	0.33 J	< 5.0	52.0	< 2.0	< 5.0	1.4 J	7.6	3.9 J	-	0.51 J	11,000	< 0.20	2.1 J	16.0 J	< 5.0	< 5.0	< 5.0	7.2 J	20.0	4.6 J	2,200	770	1,400	120	8,100
		2004 02 (Summer)	0.25 J	< 1.0	49.0	< 1.0	< 1.0	< 1.5	6.9	8.8	-	0.26 J	10,000	< 0.20	2.5 J	17.0	< 1.0	< 1.0	< 1.0	6.9	< 1.0	< 50.0	< 100	710	1,300	120	8,300
		2003 04 (Winter)	< 5.0	< 50.0	35.5 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0 UJ	7,890	< 0.40	30.5 J	12.2 J	< 20.0	< 10.0	< 10.0 UJ	6.5 J	< 20.0	< 200	< 100	668	1,170	126	7,290
		2003 02 (Summer)	10.8 J	< 50.0	46.9 J	< 4.0	1.8 J	< 10.0	8.0 J	< 10.0	-	< 10.0	11,100 J	< 0.40 UJ	< 50.0	8.3 J	< 20.0	< 10.0	< 50.0	3.8 J	< 20.0	< 200	< 100	825	1,430	133 J	7,120
		2002 04 (Winter)	0.12 J	13.0 J	40.0 J	< 2.0	< 5.0	< 10.0 UJ	6.3 J	5.3 J	-	0.55 J	8,600	< 0.20	< 20.0 UJ	12.0 J	52.0	< 5.0	< 2.0	6.2 J	< 20.0	8.1 J	< 100 J	580	1,000	92.0	6,400
		2002 02 (Summer)	< 50.0	< 5.0	42.0	< 2.0	< 5.0	< 10.0	6.7 J	< 10.0	< 10.0 UJ	< 3.0	8,800	< 0.20	< 20.0	< 20.0	-	< 5.0 UJ	< 2.0	< 10.0	< 20.0	< 100	< 100	680	1,200	95.0	7,500
	M014-B	2004 04 (Winter)	0.13 J	9.2	49.0	< 2.0	< 5.0	0.67 J	7.4	3.2 J	-	0.16 J	9,200	< 0.20	0.85 J	11.0 J	18.0	< 5.0	< 5.0	1.6 J	13.0 J	3.3 J	1,800	450	790	69.0	6,600
		2004 02 (Summer)	0.41 J	< 1.0	44.0	< 1.0	< 1.0	< 1.4	8.1	13.0	-	0.13 J	8,700	< 0.20	1.5 J	14.0	< 1.0	< 1.0	< 1.0	< 3.5	< 1.0	< 50.0	90.0 J	500	880	83.0	7,800
		2003 04 (Winter)	< 5.0	< 50.0	51.3 J	< 4.0	< 5.0	< 10.0	< 10.7	< 10.0	-	< 10.0 UJ	8,240	< 0.40	< 50.0	15.1 J	< 20.0	< 10.0	< 10.0 UJ	< 50.0	< 20.0	< 200	90.0 J	431	812	102	7,600
		2003 02 (Summer)	< 50.0	< 50.0	43.3 J	< 4.0	0.59 J	< 10.0	9.6 J	< 10.0	-	< 10.0	9,530 J	< 0.40 UJ	< 50.0	7.0 J	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	210	538	943	88.6 J	6,330
		2002 04 (Winter)	0.14 J	15.0	< 40.0 UJ	< 2.0	< 5.0	< 10.0	7.6 J	31.0	-	< 3.0	8,300 J	< 0.20	1.1 J	9.0 J	55.0	< 5.0 UJ	< 2.2	0.82 J	< 20.0	< 100	2,700	500 J	910 J	69.0 J	7,000
		2002 02 (Summer)	< 50.0	< 5.0	40.0	< 2.0	< 5.0	5.4 J	9.1 J	< 10.0	< 10.0 UJ	< 3.0	7,900	< 0.20	< 20.0	< 20.0	-	< 5.0 UJ	< 2.0	< 10.0	< 20.0	< 100	300	490	890	80.0	7,100
	M016-B	2004 04 (Winter)	0.18 J	9.4	52.0	< 2.0	0.83 J	0.77 J	13.0	4.4 J	-	0.20 J	16,000	< 0.20	0.68 J	17.0 J	< 5.0	< 5.0	< 5.0	2.5 J	19.0 J	2.5 J	2,700	820	1,400	160	7,900
		2004 02 (Summer)	0.25 J	< 1.0	52.0	< 1.0	0.54 J	1.2 J	15.0	10.0	-	0.56 J	16,000	< 0.20	0.97 J	24.0	< 1.0 J	< 5.0	< 1.0	3.4 J	< 20.0	3.4 J	87.0 J	810	1,400	160	7,800

Table 2-6
Groundwater Sample Analytical Results at IR Site 2: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																				Common Rock-forming Elements				
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Hexavalent Chromium	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	50.0	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	NA	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	36.0	NA	NA	8.8	NA	NA	3.1	NA	8.1	NA	0.94	NA	8.2	71.0	1.9	NA	NA	81.0	NA	NA	NA	NA	NA	NA
M016-B	2003 04 (Winter)		< 25.0	< 50.0	42.1 J	< 4.0	< 5.0	< 10.0	< 11.5	< 10.0	-	< 10.0 UJ	14,000	< 0.40	36.3 J	10.2 J	< 20.0	< 10.0	< 10.0 UJ	< 50.0	< 20.0	< 200	78.2 J	856	1,500	197	7,970
	2003 02 (Summer)		< 50.0	< 50.0	51.7 J	< 4.0	1.1 J	< 10.0	17.2	< 10.0	-	< 10.0	17,800 J	< 0.40 UJ	< 50.0	14.2 J	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	112	914	1,610	183 J	6,940
	2002 04 (Winter)		0.13 J	12.0 J	53.0	< 2.0	< 5.0	< 10.0	13.0	6.4 J	-	0.42 J	19,000	< 0.20	< 20.0 UJ	17.0 J	< 5.0 UJ	< 5.0	< 2.0	3.5 J	< 20.0	5.9 J	4,100	900	1,500	140	8,000
	2002 02 (Summer)		0.092 J	14.0 J	47.0	< 2.0	< 5.0	< 10.0	14.0	< 10.0	< 10.0	< 3.0	14,000	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	4.7 J	38.0 J	770	1,400	140	7,300
M020-B	2004 04 (Winter)		0.083 J	6.1	110	< 2.0	< 5.0	0.89 J	0.45 J	0.98 J	-	0.31 J	730	< 0.20	0.38 J	3.5 J	8.5	< 5.0	< 5.0	0.86 J	5.8 J	100 J	6,900	200	320	78.0	2,000
	2004 02 (Summer)		0.12 J	7.0	110	< 2.0	< 5.0	< 10.0	0.64 J	< 10.0	-	0.061 J	760	< 0.20	< 20.0	< 20.0	17.0 J	< 5.0	< 1.0	< 10.0	< 20.0	< 100	8,000	210	340	91.0	2,200
	2003 04 (Winter)		< 5.0 UJ	< 50.0 UJ	94.1 J	< 4.0	< 5.0	< 10.0 UJ	< 10.0 UJ	< 10.0	-	< 10.0 UJ	656	-	< 50.0 UJ	< 20.0 UJ	< 20.0 UJ	< 10.0	-	< 50.0	< 20.0	< 200	7,970 J	195	318	96.3	2,330
	2003 02 (Summer)		< 50.0	< 50.0	118	< 4.0	< 5.0	< 10.0	< 10.0	1.3 J	-	< 10.0	846	< 0.40 UJ	< 50.0	< 20.0	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	10,100 J	226	361	90.6	2,000
	2002 04 (Winter)		< 50.0	< 5.0	100	< 2.0	< 5.0	< 10.0	0.49 J	1.3 J	-	< 3.0	630	< 0.20	0.86 J	2.9 J	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	< 100	9,900	200	310	77.0	2,100
	2002 02 (Summer)		< 50.0	2.2 J	84.0	< 2.0	< 5.0	< 10.0	0.52 J	< 10.0	< 10.0	< 3.0	580	< 0.20	< 20.0	< 20.0	4.1 J	< 5.0	< 2.0	< 10.0	< 20.0	420	8,600	190	310	77.0	2,000
M021-C	2004 04 (Winter)		2.5	8.5	85.0	< 2.0	< 5.0 UJ	1.9 J	0.78 J	1.9 J	-	0.16 J	690	< 0.20	0.40 J	3.3 J	14.0	< 5.0	0.58 J	1.8 J	16.0 J	3.0 J	8,000	140	310	97.0	1,600
	2004 02 (Summer)		< 1.0	5.3	85.0	< 2.0	< 5.0	< 10.0	0.90 J	< 10.0	-	0.050 J	640	0.047 J	< 20.0	< 20.0	8.9 J	< 5.0	< 1.0	< 10.0	< 20.0	< 100	6,700	130	290	97.0	1,600
	2003 04 (Winter)		< 5.0 UJ	< 50.0 UJ	84.1 J	< 4.0	< 5.0	< 10.0 UJ	< 10.0 UJ	< 10.0	-	< 10.0 UJ	640	-	< 50.0 UJ	< 20.0 UJ	< 20.0 UJ	< 10.0	-	< 50.0	7.9 J	< 200	7,650 J	131	297	112	1,730
	2003 02 (Summer)		< 50.0	< 50.0	88.8 J	< 4.0	< 5.0	< 10.0	< 10.0	1.1 J	-	< 10.0	711	< 0.40 UJ	< 50.0	1.4 J	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	7,780 J	143	318	80.8	1,520
	2002 04 (Winter)		< 50.0	2.6 J	95.0	< 2.0	< 5.0	< 10.0	0.83 J	1.5 J	-	0.063 J	610	< 0.20	0.40 J	2.7 J	< 5.0	< 5.0	0.66 J	2.8 J	< 20.0	3.1 J	8,000	120	270	87.0	1,400
	2002 02 (Summer)		< 50.0	4.6 J	82.0	< 2.0	< 5.0	< 10.0	< 10.0	12.0	< 10.0	< 3.0	590	< 0.20	< 20.0	< 20.0	14.0 J	< 5.0	< 2.0	< 10.0	< 37.0	< 100	6,700	120	280	89.0	1,600
M023-B	2004 04 (Winter)		0.90 J	8.1	210	< 2.0	< 5.0 UJ	2.0 J	1.1	1.7 J	-	0.16 J	2,100	< 0.20	0.37 J	2.6 J	22.0	< 5.0	< 5.0	1.6 J	13.0 J	2.9 J	12,000	130	380	120	2,100
	2004 02 (Summer)		< 1.0	4.7	210	< 1.0	< 1.0	2.4	1.3	1.1	-	0.099 J	2,000	0.089 J	0.44 J	2.2	< 1.0 J	< 1.0	0.20 J	< 10.0	< 1.0	< 50.0	11,000	130	350	110	2,300
	2003 04 (Winter)		< 5.0	< 50.0	200	< 4.0	< 5.0	< 10.0	< 10.5	< 10.0	-	< 10.0	1,950	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 25.0 UJ	< 50.0	< 20.0	< 200	10,600	119	354	128	2,340
	2003 02 (Summer)		< 50.0	< 50.0 UJ	230	< 4.0	< 5.0	< 10.0	< 10.0	1.3 J	-	< 10.0	2,340	< 0.40 UJ	< 50.0	3.9 J	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	11,900 J	143	404	105	2,170
	2002 04 (Winter)		< 50.0	7.3	250	< 2.0	< 5.0	< 10.0	1.1 J	1.5 J	-	0.34 J	2,400	< 0.20	0.49 J	1.9 J	17.0	< 5.0	< 2.0	1.4 J	< 20.0	15.0 J	9,900	140	400	130	2,500
	2002 02 (Summer)		< 50.0	5.3	170	< 2.0	< 5.0	12.0	< 10.0	< 10.0	< 10.0	< 3.0	2,000	< 0.20 J	< 20.0	< 20.0	5.8	< 5.0	< 2.0	5.8 J	< 20.0	< 100	8,300	120	350	110	2,100
M023-C	2004 04 (Winter)		0.79 J	5.0	280	< 2.0	< 5.0 UJ	1.5 J	1.0	1.8 J	-	0.22 J	1,500	< 0.20	1.0 J	3.3 J	18.0	< 5.0	< 5.0	1.8 J	16.0 J	8.0 J	6,600	140	360	110	2,200
	2004 02 (Summer)		0.075 J	2.9	330	< 1.0	< 1.0	2.4	1.2	1.6	-	0.13 J	1,700	< 0.20	0.90 J	1.8	< 1.0 J	< 5.0	< 1.0	1.6 J	< 20.0	0.88 J	7,600 J	140	350	110	2,200
	2003 04 (Winter)		< 5.0	< 50.0	301	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	1,480	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 25.0 UJ	< 50.0	< 20.0	< 200	7,250	127	350	115	2,160
	2003 02 (Summer)		< 50.0	< 50.0	346	< 4.0	< 5.0	1.3 J	< 10.0	1.7 J	-	< 10.0	1,690	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	7,450 J	150	389	112	1,980
	2002 04 (Winter)		< 50.0	5.0 J	330	< 2.0	< 5.0	< 10.0	0.94 J	1.5 J	-	0.37 J	1,500	< 0.20	0.57 J	1.4 J	16.0	< 5.0	< 2.0	1.4 J	< 20.0	5.4 J	6,500	130	340	100	2,000
	2002 02 (Summer)		< 50.0	2.3 J	280	< 2.0	< 5.0	5.6 J	0.94 J	3.3 J	< 10.0	< 3.0	1,500	< 0.20	< 20.0	< 20.0	9.2	< 5.0	< 2.0 UJ	< 10.0	< 20.0	4.7 J	6,300	120	340	98.0	2,100
M036-B	2004 04 (Winter)		0.70 J	11.0	180 J	< 2.0	< 5.0	2.7 J	1.5	2.7 J	-	0.32 J	250	< 0.20	0.23 J	4.8 J	22.0	< 5.0	< 5.0	2.3 J	15.0 J	100 J	10,000	110	360	110	2,700
	2004 02 (Summer)		< 1.0	9.9	210	< 2.0	< 5.0	< 10.0	1.7	< 10.0	-	0.25 J	270	0.056 J	< 20.0	< 20.0	19.0 J	< 5.0	< 1.0	6.6 J	8.5 J	8.2 J	10,000	110	360	120	2,500
	2003 04 (Winter)		< 5.0	5.2 J	169	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	223	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 25.0 UJ	< 50.0	< 20.0	< 200	8,930	90.9	315	114	2,310
	2003 02 (Summer)		< 50.0	11.5 J	221	< 4.0	< 5.0	3.0 J	1.7 J	< 10.0	-	< 10.0	308	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	12,100	125	414	107 J	2,560
	2002 04 (Winter)		0.095 J	< 5.0	190	< 2.0	< 5.0	2.9 J	1.6 J	2.0 J	-	0.11 J	250	< 0.20	< 20.0	3.8 J	< 5.0	< 5.0	< 2.0	3.2 J	< 20.0	< 100	9,700	100	310	110	2,200
	2002 02 (Summer)		< 50.0	4.7 J	89.0	< 2.0	< 5.0	< 10.0	< 10.0	1.7 J	< 10.0	< 3.0 UJ	240	< 0.20	1.8 J	< 20.0	6.7 J	< 5.0	< 2.0	9.7 J	< 20.0	210	1,500	100	390	110	2,800
M037-B	2004 04 (Winter)		< 1.0	6.7	850	< 2.0	< 5.0	1.1 J	0.43 J	1.6 J	-	0.13 J	3,300	< 0.20	< 20.0	1.9 J	10.0	< 5.0	< 5.0	0.87 J	7.8 J	3.6 J	5,600	220	260	65.0	1,300
	2004 02 (Summer)		< 1.0	4.3	780	< 2.0	< 5.0	< 10.0	0.46 J	< 10.0	-	0.064 J	3,300	0.059 J	< 20.0	< 20.0	3.9 J	< 5.0	< 1.0	4.7 J	< 20.0	< 100	5,800	230	270	61.0	1,300
	2003 04 (Winter)		< 5.0	< 50.0	750	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	2,940	< 0.40	12.7 J	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	< 20.0	< 200	5,420	192	237	58.2	1,090
	2003 02 (Summer)		< 50.0	< 50.0	930	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0	3,810	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 50.0	< 50.0	2.4 J	< 200	7,290	244	287	60.8 J	1,180

SWBZ

Table 2-6
Groundwater Sample Analytical Results at IR Site 2: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																				Common Rock-forming Elements				
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Hexavalent Chromium	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	50.0	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	NA	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	36.0	NA	NA	8.8	NA	NA	3.1	NA	8.1	NA	0.94	NA	8.2	71.0	1.9	NA	NA	81.0	NA	NA	NA	NA	NA	NA
SWBZ																											
M037-B	2002 04 (Winter)		0.063 J	3.2 J	800	< 2.0	0.11 J	1.6 J	0.50 J	1.0 J	-	0.29 J	3,100	< 0.20	< 20.0	2.4 J	< 5.0	< 5.0	< 2.0	1.5 J	10.0 J	< 100	6,400	200	240	56.0	1,100
	2002 02 (Summer)		0.091 J	2.6 J	650	< 2.0	< 5.0	< 10.0	0.70 J	1.5 J	< 10.0	0.41 J	3,300	< 0.20	0.60 J	6.6 J	1.0 J	< 5.0	< 2.0	3.6 J	< 20.0	420	6,500	190	240	64.0	1,200
M038-B	2004 04 (Winter)		1.4	12.0	120	< 2.0	< 5.0	0.69 J	3.6	4.9 J	-	0.061 J	10,000	< 0.20	1.9 J	12.0 J	< 5.0	< 5.0	< 5.0	2.0 J	23.0	1.3 J	4,600	950 J	1,500	190 J	5,800
	2004 02 (Summer)		< 1.0	5.4	120	< 2.0	6.2	< 10.0	3.3	< 10.0	-	0.18 J	11,000	< 0.20	< 20.0	< 20.0	< 1.0	< 5.0	< 1.0 J	< 10.0	< 20.0	1.2 J	220	1,000	1,500	210	6,200
	2003 04 (Winter)		< 5.0	< 50.0	86.0 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	-	< 10.0 UJ	8,950	< 0.40	15.7 J	14.7 J	< 20.0	< 10.0	< 10.0 UJ	< 50.0	< 20.0	< 200	205	952	1,460	223	6,040
	2003 02 (Summer)		< 500	< 500	124 J	< 40.0	< 50.0	< 100	15.7 J	< 100	-	< 100	12,900	< 0.40	< 500	< 200	< 200	< 100	< 50.0	< 500	< 200	< 2,000	< 1,000	1,090	1,780	233 J	6,070
	2002 04 (Winter)		0.11 J	< 5.0	97.0	< 2.0	< 5.0	2.2 J	5.0 J	6.9 J	-	0.15 J	9,700	< 0.20	< 20.0	15.0 J	< 5.0	< 5.0	< 2.0	2.9 J	< 20.0	< 100	4,800	920	1,400	180	< 0.50
	2002 02 (Summer)		< 50.0	< 5.0	80.0	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	< 3.0	9,600	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	< 100	680	940	1,500	180	6,100
M039-B	2004 04 (Winter)		0.13 J	11.0	52.0	< 2.0	< 5.0	0.93 J	13.0	4.8 J	-	0.44 J	13,000	< 0.20	2.7 J	18.0 J	< 5.0	< 5.0	< 5.0	2.5 J	22.0	100 J	4,000	940	1,500	140	6,400
	2004 02 (Summer)		0.20 J	< 1.0	57.0	< 1.0	< 1.0	1.1 J	12.0	8.4	-	0.12 J	13,000	< 0.20	2.9 J	18.0	< 1.0 J	< 5.0	< 1.0	2.1 J	< 20.0	3.1 J	190 J	990	1,500	160	7,300
	2003 04 (Winter)		< 5.0	< 50.0	47.1 J	< 4.0	< 5.0	< 10.0	< 16.4	< 10.0	-	< 10.0	10,400	< 0.40	17.3 J	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	< 20.0	< 200	187	1,010	1,540	172	6,960
	2003 02 (Summer)		< 500	< 500	60.5 J	< 40.0	< 50.0	< 100	29.9 J	< 100	-	< 100	13,100	< 0.40	< 500	< 200	< 200	20.1 J	< 5.0	< 500	< 200	< 2,000	< 1,000	961	1,670	173 J	6,800
	2002 04 (Winter)		0.17 J	< 5.0	65.0	< 2.0	0.37 J	1.5 J	12.0	7.8 J	-	0.051 J	12,000	< 0.20	< 20.0	20.0	< 5.0	< 5.0	< 2.0	2.4 J	< 20.0	< 100	4,000	990	1,500	150	< 0.50
	2002 02 (Summer)		0.10 J	< 5.0	57.0	< 2.0	< 5.0	< 10.0	11.0	< 10.0	< 10.0	< 3.0	11,000	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	4.0 J	190	990	1,500	130	6,900

Table 2-7

Groundwater Sample Analytical Results at IR Site 2: Polychlorinated Biphenyls

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

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Table 2-7
Groundwater Sample Analytical Results at IR Site 2: Polychlorinated Biphenyls
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Polychlorinated Biphenyls (PCBs)							
			Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs (Calculated)
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030
FWBZ	442-MW1	2004 04 (Winter)	< 0.39	< 0.78	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	-
		2004 02 (Summer)	< 0.47	< 0.94	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.94
		2004 01 (Spring)	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47
	M011-A	2004 04 (Winter)	< 0.39	< 0.78	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	-
		2004 02 (Summer)	< 0.48	< 0.95	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.95
		2004 01 (Spring)	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47
	M012-A	2004 04 (Winter)	< 0.40	< 0.80	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	-
		2004 02 (Summer)	< 0.47	< 0.94	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.94
		2004 01 (Spring)	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48
	M013-A	2004 04 (Winter)	< 0.38	< 0.76	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	-
		2004 02 (Summer)	< 0.48	< 0.95	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.95
		2004 01 (Spring)	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47
	M014-A	2004 04 (Winter)	< 0.38	< 0.76	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	-
		2004 02 (Summer)	< 0.47	< 0.94	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.94
		2004 01 (Spring)	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48
	M016-A	2004 04 (Winter)	< 0.38	< 0.75	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	-
		2004 02 (Summer)	< 0.48	< 0.95	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.95
		2004 01 (Spring)	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47
	M017-A	2004 04 (Winter)	< 0.47	< 0.94	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	-
		2004 02 (Summer)	< 0.48	< 0.95	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.95
		2004 01 (Spring)	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49
	M018-A	2004 04 (Winter)	< 0.47	< 0.94	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	-
		2004 02 (Summer)	< 0.48	< 0.95	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.95
		2004 01 (Spring)	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49
	M019-A	2004 04 (Winter)	< 0.48	< 0.95	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	-
		2004 02 (Summer)	< 0.47	< 0.94	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.94
		2004 01 (Spring)	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47
	M020-A	2004 04 (Winter)	< 0.49	< 0.97	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	-
		2004 02 (Summer)	< 0.48	< 0.95	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.95
		2004 01 (Spring)	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48
	M021-A	2004 04 (Winter)	< 0.49	< 0.97	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	-
		2004 02 (Summer)	< 0.47	< 0.94	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.94
		2004 01 (Spring)	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47
	M022-A	2004 04 (Winter)	< 0.50	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	-
		2004 02 (Summer)	< 0.48	< 0.95	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.95
		2004 01 (Spring)	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48
	M023-A	2004 04 (Winter)	< 0.47	< 0.94	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	-
		2004 02 (Summer)	< 0.48	< 0.95	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.95

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Table 2-7
Groundwater Sample Analytical Results at IR Site 2: Polychlorinated Biphenyls
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Polychlorinated Biphenyls (PCBs)							
			Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs (Calculated)
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030
FWBZ	M023-A	2004 01 (Spring)	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49
	M024-A	2004 04 (Winter)	< 0.49	< 0.97	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	-
		2004 02 (Summer)	< 0.50	< 0.99	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.99
		2004 01 (Spring)	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48
	M036-A	2004 04 (Winter)	< 0.39	< 0.78	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	-
		2004 02 (Summer)	< 0.48	< 0.95	< 0.48	0.89	< 0.48	< 0.48	< 0.48	0.89
		2004 01 (Spring)	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49
	M037-A	2004 04 (Winter)	< 0.38	< 0.77	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	-
		2004 02 (Summer)	< 0.47	< 0.94	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.94
		2004 01 (Spring)	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48
	M037-E	2004 04 (Winter)	< 0.38	< 0.76	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	-
		2004 02 (Summer)	< 0.48	< 0.95	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.95
		2004 01 (Spring)	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48
	M038-A	2004 04 (Winter)	< 0.38	< 0.76	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	-
		2004 02 (Summer)	< 0.50	< 0.99	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.99
		2004 01 (Spring)	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49
	M039-A	2004 04 (Winter)	< 0.48	< 0.96	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	-
		2004 02 (Summer)	< 0.48	< 0.96	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.96
		2004 01 (Spring)	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47

Table 2-8

Groundwater Sample Analytical Results at IR Site 2: Organochlorine Pesticides

Summer 2002 through Winter 2004

**Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California**

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Table 2-8
Groundwater Sample Analytical Results at IR Site 2: Organochlorine Pesticides
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Organochlorine Pesticides																				
			Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan Sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	0.20	0.10	0.10	NA	NA	NA	NA	NA	NA	NA	2.0	2.0	2.0	0.010	0.010	30.0	3.0
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	1.3	NA	NA	NA	0.16	0.0040	0.0040	NA	NA	0.0010	0.0019	0.0087	0.0087	NA	0.0023	NA	NA	0.0036	0.0036	NA	0.0002
FWBZ	442-MW1	2004 04 (Winter)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
		2004 02 (Summer)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
		2004 01 (Spring)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	**0.014 J**	< 0.040	< 0.47	< 4.7
	M011-A	2004 04 (Winter)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	**0.010 J**	< 0.050	< 0.50	< 1.0
		2004 02 (Summer)	< 0.050	< 0.050	**0.030 J**	< 0.050	< 0.050	< 0.050	**0.010 J**	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	**0.010 J**	< 0.050	< 0.50	< 0.90
		2004 01 (Spring)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47	< 4.7
	M012-A	2004 04 (Winter)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
		2004 02 (Summer)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.050	< 0.50	< 0.90
		2004 01 (Spring)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	**0.041 J**	< 0.040	< 0.48	< 4.8
	M013-A	2004 04 (Winter)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
		2004 02 (Summer)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.050	< 0.50	< 0.90
		2004 01 (Spring)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47	< 4.7
	M014-A	2004 04 (Winter)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
		2004 02 (Summer)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.050	< 0.50	< 0.90
		2004 01 (Spring)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48	< 4.8
	M016-A	2004 04 (Winter)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.050	< 0.50	< 0.90
		2004 02 (Summer)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	**0.0080 J**	< 0.050	< 0.50	< 1.0
		2004 01 (Spring)	< 0.040	< 0.040	**0.058 J**	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47	< 4.7
	M017-A	2004 04 (Winter)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.050	< 0.50	< 0.90
		2004 02 (Summer)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
		2004 01 (Spring)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.49	< 4.9
	M018-A	2004 04 (Winter)	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	**0.020 J**	< 0.090	< 0.20	< 0.20	< 0.20	**2.6**	< 0.090	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.090	< 0.090	< 0.90	< 1.9
		2004 02 (Summer)	< 0.20	< 0.20 J	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.40 J	< 0.40	< 0.40	**2.3**	< 0.20	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.20	< 0.20	< 1.9	< 3.8
		2004 01 (Spring)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	**8.5**	< 0.040	< 0.090	< 0.090	< 0.090	**0.080 J**	**0.033 J**	< 0.040	< 0.040	< 0.49	< 4.9
	M019-A	2004 04 (Winter)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
		2004 02 (Summer)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.050	< 0.50	< 0.90
		2004 01 (Spring)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	**0.014 J**	< 0.040	< 0.47	< 4.7
	M020-A	2004 04 (Winter)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
		2004 02 (Summer)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
		2004 01 (Spring)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48 UJ	< 4.8
	M021-A	2004 04 (Winter)	< 0.050	< 0.050	**0.0060 J**	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
		2004 02 (Summer)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.050	< 0.50	< 0.90
		2004 01 (Spring)	< 0.040	< 0.040	**0.036 J**	**0.015 J**	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47	< 4.7
	M022-A	2004 04 (Winter)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
		2004 02 (Summer)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.050	< 0.50	< 0.90
		2004 01 (Spring)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	**0.0096 J**	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48 UJ	< 4.8
	M023-A	2004 04 (Winter)	**0.010 J**	**0.020 J**	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.050	< 0.50	< 0.90
		2004 02 (Summer)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	**0.0080 J**	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	**0.0040 J**	< 0.050	< 0.50	< 1.0

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Table 2-8
Groundwater Sample Analytical Results at IR Site 2: Organochlorine Pesticides
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Organochlorine Pesticides																				
			Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan Sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	0.20	0.10	0.10	NA	NA	NA	NA	NA	NA	NA	2.0	2.0	2.0	0.010	0.010	30.0	3.0
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	1.3	NA	NA	NA	0.16	0.0040	0.0040	NA	NA	0.0010	0.0019	0.0087	0.0087	NA	0.0023	NA	NA	0.0036	0.0036	NA	0.0002
F-WB-Z	M023-A	2004 01 (Spring)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.49	< 4.9
	M024-A	2004 04 (Winter)	< 0.050	< 0.050	0.090	0.010 J	< 0.050	0.0080 J	0.010 J	< 0.10	0.010 J	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	0.060 J	< 0.10	< 0.10	0.010 J	0.020 J	< 0.50	< 1.0
		2004 02 (Summer)	< 0.050	< 0.050	0.040 J	< 0.050	< 0.050	0.020 J	0.030 J	< 0.10	0.020 J	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
		2004 01 (Spring)	< 0.040	0.032 J	0.16	0.044 J	< 0.040	< 0.040	0.032 J	0.056 J	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	0.18 J	< 4.8
	M036-A	2004 04 (Winter)	< 0.050	0.020 J	0.20	< 0.050	0.010 J	< 0.050	0.010 J	0.010 J	0.010 J	< 0.10	0.010 J	< 0.050	0.020 J	< 0.10	< 0.10	< 0.10	0.030 J	0.040 J	0.0080 J	< 0.50	< 1.0
		2004 02 (Summer)	< 0.050	< 0.050	< 0.050	< 0.050	0.020 J	0.010 J	0.020 J	< 0.10	0.020 J	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.020 J	< 0.050	< 0.50	< 1.0
		2004 01 (Spring)	< 0.040	< 0.040	0.17	0.12	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	0.022 J	< 0.090	< 0.090	< 0.040	0.048 J	< 0.49	< 4.9
	M037-A	2004 04 (Winter)	< 0.050	< 0.050	< 0.050	< 0.050	0.020 J	< 0.050	0.010 J	0.060 J	< 0.10	0.040 J	< 0.10	< 0.050	0.030 J	0.020 J	< 0.10	< 0.10	0.020 J	0.020 J	< 0.050	< 0.50	< 1.0
		2004 02 (Summer)	< 0.050	< 0.050	0.040 J	< 0.050	< 0.050	0.020 J	< 0.050	< 0.090	< 0.090	0.010 J	< 0.090	0.040 J	0.020 J	< 0.090	0.020 J	< 0.090	< 0.090	0.020 J	< 0.050	< 0.50	< 0.90
		2004 01 (Spring)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	0.23 J	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	0.082 J	0.038 J	< 0.090	< 0.040	0.018 J	0.28 J	< 4.8
	M037-E	2004 04 (Winter)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
		2004 02 (Summer)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.050	< 0.50	< 0.90
		2004 01 (Spring)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48	< 4.8
	M038-A	2004 04 (Winter)	0.020 J	0.030 J	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	0.030 J	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.030 J	0.020 J	< 0.50	< 1.0
		2004 02 (Summer)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	0.020 J	0.060 J	< 0.10	0.030 J	0.060 J	0.040 J	< 0.050	< 0.10	< 0.10	< 0.10	0.030 J	< 0.10	0.020 J	< 0.050	< 0.50	< 1.0
		2004 01 (Spring)	< 0.040	< 0.040	0.20	< 0.040	< 0.040	< 0.040	0.091	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	0.018 J	0.17 J	< 4.9
	M039-A	2004 04 (Winter)	0.030 J	< 0.050	0.10	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	0.020 J	< 0.10	0.10	< 0.050	0.020 J	< 0.10	0.030 J	0.030 J	0.030 J	0.030 J	0.010 J	< 0.50	< 1.0
		2004 02 (Summer)	< 0.050	< 0.050	0.10 J	0.020 J	< 0.050	0.040 J	0.050 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.0090 J	< 0.050	< 0.50	< 1.0
		2004 01 (Spring)	< 0.040	< 0.040	0.25 J	< 0.040	< 0.040	< 0.040	< 0.040	0.080 J	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	0.058 J	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48	< 4.7

Table 2-9

Groundwater Sample Analytical Results at IR Site 2: Radionuclides

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

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Table 2-9
Groundwater Sample Analytical Results at IR Site 2: Radionuclides
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Gross Alpha/Beta		Gamma Emitting Radionuclides															Ra 228	RAD Sr	Radium	Tritium	Uranium Isotopes		
			Gross Alpha	Gross Beta	Actinium 228	Bismuth 212	Bismuth 214	Cesium 137	Cobalt 60	Lead 210	Lead 212	Lead 214	Potassium 40	Protactinium 234	Radium 226	Thallium 208	Thorium 234	Uranium 235	Radium (Ra) 228	Strontium (Sr) Total	Radium	Tritium	Uranium 233 and 234	Uranium 235	Uranium 238
		Units:	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L	PCI/L	PCI/L	pCi/L	PCI/L	pCi/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L
		MCL:	15.0	50.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0	5.0	8.0	NA	20,000	NA	20.0	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
442-MW1	2004 02 (Summer)		< 3.0	7.7	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.53	< 500	< 0.50	< 50.0	< 0.50
	2004 01 (Spring)		< 1.9	11.4	< 26.1	< 47.8	< 11.6	< 5.6	-	< 1,340	< 9.1	< 10.6	< 124	< 726	< 89.7	< 6.3	< 187	< 0.15	< 0.98	< 0.33	0.51	< 195	0.71	< 0.15	0.63
	2003 04 (Winter)		0.70	9.1	< 49.5	< 222	111	-	-	< 193	< 28.0	< 15.2	< 178	< 2,370	< 366	< 27.0	< 221	< 0.22	5.1	< 1.8	1.6	< 185	< 0.22	< 0.22	< 0.22
	2003 03 (Fall)		< 2.1	17.8	< 73.9	< 129	170	-	-	< 119	< 24.0	< 24.1	< 354	< 1,010	< 206	< 58.6	< 141	< 0.15	< 3.2	2.9	< 0.73	< 178	< 0.18	< 0.15	< 0.18
	2003 02 (Summer)		< 2.6	15.3 J	< 65.1	< 159	< 6.2	-	-	< 741	< 22.2	< 31.5	< 261	< 1,930	< 300	47.5	< 155	< 144	< 4.6	< 2.0	1.2	< 174	-	< 144	-
	2003 01 (Spring)		3.2 UJ	10.8	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 3.4	< 1.6	< 1.1	< 171	-	< 77.0	-
	2002 04 (Winter)		1.7	6.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.64	-	-	-	-
	2002 03 (Fall)		3.1	12.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.54 UJ	-	-	-	-
	2002 02 (Summer)		2.2	7.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.060	-	-	-	-
M011-A	2004 02 (Summer)		< 3.0	102	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	1.6	< 500	< 0.50	< 50.0	< 0.55
	2004 01 (Spring)		< 7.5	38.1	< 16.2	< 28.5	< 7.0	< 3.0	-	< 228	< 5.3	< 6.2	< 98.9	< 425	< 51.8	< 3.9	< 91.4	< 0.24	1.6	1.0	0.36	< 179	1.2	< 0.24	0.88
	2003 04 (Winter)		< 20.2	50.3 J	< 38.9	< 144	< 34.0	-	-	< 221	< 16.0	43.8	< 55.0	< 2,320	< 233	< 32.1	< 32.0	< 0.13	6.5	2.7	< 0.85	< 188	1.00	< 0.13	0.80
	2003 03 (Fall)		< 28.0	86.3	< 37.1	< 213	< 62.1	-	-	< 584	< 22.6	< 26.6	598	< 968	< 162	< 32.5	< 164	< 0.26	< 4.1	< 3.1	< 3.1	< 171	< 0.15	< 0.26	< 0.15
	2003 02 (Summer)		< 25.4	79.4	< 53.9	< 122	< 57.7	-	-	< 613	< 30.8	< 22.5	449	< 1,460	< 275	< 26.2	< 12.7	< 75.4	6.8	4.1	2.5	< 178	-	< 75.4	-
	2003 01 (Spring)		< 16.1 UJ	47.8	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 5.1	< 1.7	< 0.81	< 177	-	< 77.0	-
	2002 04 (Winter)		< 20.9 UJ	72.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	-	-	-	-
	2002 03 (Fall)		3.3	56.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.24 UJ	-	-	-	-
	2002 02 (Summer)		1.4	106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.68	-	-	-	-
FWBZ	M012-A	2004 02 (Summer)	< 3.0	< 3.0	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.50	< 500	< 0.50	< 50.0	< 0.50
	2004 01 (Spring)		< 0.39	5.2	< 19.9	< 35.7	< 9.5	< 4.3	-	< 113	< 12.1	< 8.7	< 51.7	< 545	< 64.8	< 4.9	< 90.2	< 0.25	< 0.76	< 0.80	< 0.12	< 179	< 0.21	< 0.25	< 0.21
	2003 04 (Winter)		< 1.2	5.8 J	< 48.5	< 141	< 34.0	-	-	< 351	< 3.1	< 24.0	< 87.0	< 1,390	< 230	< 41.8	< 91.0	< 0.30	< 3.9	< 1.5	< 0.60	< 189	< 0.35	< 0.30	< 0.39
	2003 03 (Fall)		< 1.2	6.7	< 68.6	< 125	< 51.9	-	-	< 677	< 15.9	< 35.7	476	< 1,000	< 407	< 31.7	< 557	< 0.16	< 3.3	< 2.5	< 1.6	< 172	< 0.27	< 0.16	< 0.16
	2003 02 (Summer)		< 0.56	1.6 J	< 44.0	< 209	< 23.3	-	-	< 583	< 23.5	< 23.4	< 103	< 1,500	< 174	< 30.4	< 201	< 60.5	< 3.5	< 3.0	< 0.43	< 175	-	< 60.5	-
	2003 01 (Spring)		< 0.51 UJ	4.0	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 178	< 77.0	8.1	< 1.9	1.3	< 161	-	< 77.0	-
	2002 04 (Winter)		< 1.5 UJ	7.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 1.1	-	-	-	-
	2002 03 (Fall)		< 1.3	< 0.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.34 UJ	-	-	-	-
	2002 02 (Summer)		3.2	11.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.20	-	-	-	-
	M013-A	2004 04 (Winter)	< 3.0	4.0 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	< 0.50	< 500	-	-	-
	2004 02 (Summer)		< 3.0	4.6	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.50	< 500	< 0.50	< 50.0	< 0.50
	2004 01 (Spring)		< 0.41	3.9	< 25.7	< 50.0	< 10.8	< 6.1	-	< 1,160	< 9.2	< 17.2	< 156	< 752	< 92.0	< 6.7	< 191	< 0.23	< 0.72	< 0.88	< 0.14	< 177	< 0.19	< 0.23	< 0.19
	2003 04 (Winter)		< 0.29	6.2	< 61.4	< 232	< 117	-	-	< 195	< 11.0	< 22.4	< 295	< 2,280	< 203	< 33.0	< 153	< 0.15	< 2.8	< 1.9	< 0.73	< 186	< 0.15	< 0.15	< 0.15
	2003 03 (Fall)		< 0.39	3.6	< 33.6	< 189	< 58.2	-	-	< 574	< 25.9	< 27.7	< 209	< 2,210	< 188	< 34.2	< 213	< 0.12	< 3.0	< 2.1	< 1.4	< 171	< 0.12	< 0.12	< 0.12
	2003 02 (Summer)		< 0.62	2.3 J	< 38.3	< 164	< 4.9	-	-	< 639	< 14.9	< 33.4	< 299	< 1,050	< 201	< 28.7	< 120	< 144	< 4.9	< 2.0	1.5	< 174	-	< 144	-
	2003 01 (Spring)		1.3 J	3.6	< 52.0	< 197	< 36.0	-	-	< 602	< 29.2	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 4.8	< 1.8	< 1.2	< 180	-	< 77.0	-
	2002 04 (Winter)		< 0.61 UJ	5.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.76	-	-	-	-
	2002 03 (Fall)		< 0.57	6.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.050	-	-	-	-
	2002 02 (Summer)		< 0.26	11.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.050	-	-	-	-
	M014-A	2004 02 (Summer)	< 3.0	< 3.0	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.50	< 500	< 0.50	< 50.0	< 0.50

Table 2-9
Groundwater Sample Analytical Results at IR Site 2: Radionuclides
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Gross Alpha/Beta		Gamma Emitting Radionuclides														Ra 228	RAD Sr	Radium	Tritium	Uranium Isotopes		
			Gross Alpha	Gross Beta	Actinium 228	Bismuth 212	Bismuth 214	Cesium 137	Cobalt 60	Lead 210	Lead 212	Lead 214	Potassium 40	Protactinium 234	Radium 226	Thallium 208	Thorium 234	Uranium 235	Radium (Ra) 228	Strontium (Sr) Total	Radium	Tritium	Uranium 233 and 234	Uranium 235	Uranium 238
		Units:	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L	PCI/L	PCI/L	pCi/L	PCI/L	pCi/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L
		MCL:	15.0	50.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0	5.0	8.0	NA	20,000	NA	20.0	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M014-A	2004 01 (Spring)		< 0.24	2.5	< 13.3	< 17.8	< 4.5	< 2.2	-	< 118	< 3.3	< 4.4	< 28.1	< 304	< 45.7	< 3.2	< 60.4	< 0.21	< 0.89	< 0.35	< 0.11	< 178	< 0.18	< 0.21	< 0.18
	2003 04 (Winter)		< 0.26	2.5	< 40.8	< 206	< 188	-	-	< 292	< 29.0	< 33.8	< 295	< 951	< 359	< 51.0	< 62.0	< 0.23	< 3.5	< 2.0	< 0.97	< 186	< 0.23	< 0.23	< 0.23
	2003 03 (Fall)		< 0.23 UJ	7.7 J	< 62.5	< 120	< 61.2	-	-	< 624	< 25.1	< 43.1	< 299	< 832	< 193	< 45.8	< 216	< 0.050	< 3.0	< 2.2	< 1.7	< 184	< 0.15	< 0.050	< 0.093
	2003 02 (Summer)		< 0.44	1.1 J	< 49.5	< 206	< 15.2	-	-	< 586	< 18.5	< 13.5	< 235	< 1,050	< 233	35.9	< 125	< 36.5	< 5.5	< 2.2	3.0	< 174	-	< 36.5	-
	2003 01 (Spring)		< 0.45 UJ	3.1	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 3.5	< 2.3	< 1.0	< 180	-	< 77.0	-
	2002 04 (Winter)		< 0.33 UJ	2.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.72	-	-	-	-
	2002 03 (Fall)		< 0.30	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.23 UJ	-	-	-	-
	2002 02 (Summer)		< 0.68	< 2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.050	-	-	-	-
M016-A	2004 02 (Summer)		< 21.0	92.0	< 46.0	< 114	< 21.0 UJ	< 7.3	< 8.7	-	< 13.7	< 19.0 UJ	< 141	-	-	< 8.1	< 99.0	< 0.20	< 0.79	0.91	< 0.21	< 380	< 0.20	< 0.20	< 0.20
	2004 01 (Spring)		< 9.5	90.6	< 20.8	< 36.3	< 10.3	< 5.0	-	< 322	< 6.6	< 8.2	< 108	< 579	< 129	< 4.9	< 103	< 0.030	2.5	< 0.92	< 0.19	< 265	0.19	< 0.030	0.16
	2003 04 (Winter)		< 47.7	152	< 48.9	< 196	70.1	-	-	< 786	< 26.7	< 22.0	449	< 1,290	280	< 51.5	< 316	< 0.15	< 4.5	< 2.1	< 0.52	< 171	< 0.26	< 0.15	< 0.26
	2003 03 (Fall)		< 39.2	177	< 30.9	< 181	< 44.7	-	-	< 715	< 29.0	< 31.3	< 215	< 1,540	< 517	< 28.4	< 176	< 0.15	< 4.7	< 3.3	< 2.0	< 335	< 0.15	< 0.15	< 0.15
	2003 02 (Summer)		< 14.4	42.5 J	< 65.1	< 207	< 45.1	-	-	< 741	< 14.3	< 19.4	< 5.9	< 1,650	< 259	< 50.8	< 199	< 90.2	< 5.5	< 1.9	3.0	< 191	-	< 90.2	-
	2003 01 (Spring)		< 5.2 UJ	80.3	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 3.4	< 2.0	< 1.2	382	-	< 77.0	-
	2002 04 (Winter)		< 54.9 UJ	231	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 1.0	-	-	-	-
	2002 03 (Fall)		1.4	86.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.14	-	-	-	-
	2002 02 (Summer)		1.2	66.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.050	-	-	-	-
M016-E	2004 02 (Summer)		< 20.0	106	< 39.0	< 112	< 17.0 UJ	< 8.5	< 10.7	-	< 10.9	< 21.0 UJ	< 160	-	-	< 10.0	< 122	< 0.20	< 1.2	< 0.44	< 0.37	3,290	< 0.20	< 0.20	< 0.20
	2004 01 (Spring)		< 27.6	123	< 32.1	< 65.2	< 18.5	-	-	< 245	< 8.3	23.4	< 148	< 788	< 255	< 20.0	< 89.9	< 0.060	2.2	< 2.4	1.7	3,810	< 0.15	< 0.060	< 0.20
	2003 04 (Winter)		< 38.5	144	< 46.5	< 201	46.2	-	-	< 712	< 26.3	< 26.1	< 276	< 1,620	413	< 40.9	< 231	< 0.25	< 3.6	< 2.2	1.2	498	< 0.25	< 0.25	< 0.14
	2003 03 (Fall)		< 26.0	166 J	< 72.0	< 175	< 33.3	-	-	< 685	< 12.7	< 40.9	< 354	< 1,600	< 407	< 31.4	< 270	< 0.13	8.0	< 2.6	< 3.0	804	< 0.067	< 0.13	< 0.060
	2003 02 (Summer)		< 17.0	103 J	< 63.8	< 193	< 57.2	-	-	< 600	< 16.3	< 33.2	< 54.8	< 960	< 229	< 56.4	< 58.9	< 49.9	< 5.5	< 2.2	1.9	3,200	-	< 49.9	-
	2003 01 (Spring)		< 27.3 UJ	130	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 6.5 UJ	< 1.9	1.9	3,530	-	< 77.0	-
	2002 04 (Winter)		< 43.9 UJ	235	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0	-	-	-	-
	2002 03 (Fall)		2.8	124	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.61	-	-	-	-
	2002 02 (Summer)		1.4	63.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.057	-	-	-	-
M017-A	2004 04 (Winter)		< 3.0 UJ	175 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	0.70	< 500	-	-	-
	2004 02 (Summer)		< 29.0	139	< 39.0	< 117	< 25.0 UJ	< 8.0	< 10.8	-	< 12.2	< 21.0 UJ	207	-	-	< 7.8	< 144	< 0.20	< 0.98	< 0.77	< 0.22	< 380	1.4	< 0.20	0.97
	2004 01 (Spring)		< 42.8	< 98.8	< 18.0	< 31.9	< 8.7	< 4.4	-	146	< 6.8	< 8.9	< 63.0	< 568	< 81.5	< 4.5	< 86.7	< 0.035	< 1.2	< 0.78	< 0.17	< 195	0.82	< 0.035	0.64
	2003 04 (Winter)		< 31.9	288	< 44.7	< 218	< 20.0	-	-	< 197	< 37.0	< 21.4	445	< 1,720	< 245	< 40.3	< 194	< 0.16	7.0	< 2.7	< 1.3	< 187	< 0.59	< 0.16	0.66
	2003 03 (Fall)		< 58.2	235 J	< 61.8	< 175	< 69.1	-	-	< 803	< 22.4	< 33.8	< 188	< 1,470	< 438	< 47.5	< 216	< 0.060	< 3.9	< 2.4	< 1.8	< 184	0.34	< 0.060	< 0.27
	2003 02 (Summer)		< 45.0	276 J	< 66.8	< 167	< 9.1	-	-	< 592	< 19.9	< 30.4	< 235	< 1,780	< 288	< 57.7	< 158	< 96.8	< 3.9	< 2.1	< 0.54	< 176	-	< 96.8	-
	2003 01 (Spring)		< 53.6 UJ	197	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 3.2	< 1.8	< 0.62	< 189	-	< 77.0	-
	2002 04 (Winter)		< 59.9 UJ	291	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7	-	-	-	-
	2002 03 (Fall)		< 0.93	306	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.21 UJ	-	-	-	-
	2002 02 (Summer)		< 0.28	167	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.050	-	-	-	-
M018-A	2004 04 (Winter)		< 3.0 UJ	160 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	< 0.50	< 500	-	-	-
	2004 02 (Summer)		< 24.0	141	< 43.0	< 122	< 23.0 UJ	< 8.0	< 11.3	-	< 19.0	< 20.0 UJ	< 230	-	-	< 12.1	< 150	< 0.20	< 0.82	< 0.56	< 0.18	< 380	1.8	< 0.20	1.3

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Table 2-9
Groundwater Sample Analytical Results at IR Site 2: Radionuclides
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Gross Alpha/Beta		Gamma Emitting Radionuclides														Ra 228	RAD Sr	Radium	Tritium	Uranium Isotopes		
			Gross Alpha	Gross Beta	Actinium 228	Bismuth 212	Bismuth 214	Cesium 137	Cobalt 60	Lead 210	Lead 212	Lead 214	Potassium 40	Protactinium 234	Radium 226	Thallium 208	Thorium 234	Uranium 235	Radium (Ra) 228	Strontium (Sr) Total	Radium	Tritium	Uranium 233 and 234	Uranium 235	Uranium 238
		Units:	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L	PCI/L	PCI/L	pCi/L	PCI/L	pCi/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L
		MCL:	15.0	50.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0	5.0	8.0	NA	20,000	NA	20.0	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M018-A	2004 01 (Spring)		< 20.4	127	< 9.3	< 16.5	< 4.2	< 2.1	-	< 269	< 3.3	< 3.9	146	< 294	< 33.7	< 2.5	< 60.6	< 0.030	< 1.1	< 0.88	< 0.16	< 188	0.46	< 0.030	0.43
	2003 04 (Winter)		< 30.3	141	< 78.9	< 185	< 31.2	-	-	< 192	< 17.0	< 20.1	522	< 1,980	< 396	< 33.0	< 210	< 0.13	< 3.2	< 2.8	< 0.96	< 188	0.72	< 0.13	0.67
	2003 03 (Fall)		< 31.6	201 J	< 33.9	< 121	< 51.6	-	-	< 619	< 23.6	< 25.5	< 395	< 1,760	< 464	< 30.6	< 387	< 0.050	< 3.4	< 2.0	< 1.00	< 183	1.5	< 0.050	< 1.1
	2003 02 (Summer)		< 28.2	144 J	< 42.6	< 122	< 0.74	-	-	< 576	< 25.0	< 26.0	< 104	< 1,470	< 132	< 43.3	< 176	< 107	< 2.6	< 2.0	< 0.45	< 173	-	< 107	-
	2003 01 (Spring)		< 31.7 UJ	134	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 267	< 1,190	< 176	< 24.0	< 184	< 77.0	< 3.5	< 1.9	< 0.67	< 191	-	< 77.0	-
	2002 04 (Winter)		< 38.2 UJ	161	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.86	-	-	-	-
	2002 03 (Fall)		10.8	178	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.040	-	-	-	-
	2002 02 (Summer)		2.6	< 53.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.050	-	-	-	-
M018-E	2004 04 (Winter)		< 3.0 UJ	245 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.5 J	-	1.8	< 500	-	-	-
	2004 02 (Summer)		< 57.0	305	< 37.0	< 127	< 25.0 UJ	< 9.3	< 10.4	-	< 15.3	< 13.8 UJ	< 260	-	-	< 11.3	< 94.0	< 0.20	2.8	< 1.1 UJ	1.6	< 380	0.43	< 0.20	0.43
	2003 04 (Winter)		< 73.3	440	< 68.8	< 132	< 30.0	-	-	< 217	< 26.0	32.6	842	< 2,420	< 325	< 47.6	< 345	< 0.30	< 2.9	< 2.3	3.4	< 188	< 0.20	< 0.30	< 0.52
	2003 02 (Summer)		< 91.4	318 J	< 53.6	< 153	< 12.0	-	-	< 705	< 16.3	< 24.0	< 99.1	< 1,790	< 350	< 53.9	< 223	< 77.3	< 4.3	< 2.1	2.4	< 260	-	< 77.3	-
	2002 04 (Winter)		< 104 UJ	315	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.3	-	-	-	-
	2002 02 (Summer)		< 1.4	3,430	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.65	-	-	-	-
M019-A	2004 04 (Winter)		< 3.0 UJ	171 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.0 J	-	1.3	< 500	-	-	-
	2004 02 (Summer)		< 43.0	215	< 50.0	< 112	< 22.0 UJ	< 8.7	< 10.3	-	< 16.6	< 21.0 UJ	< 210	-	-	< 12.9	< 102	< 0.20	2.0	< 0.34	< 0.32	< 380	< 0.75	< 0.20	0.49
	2004 01 (Spring)		< 52.4	197	< 22.8	< 37.8	< 9.3	< 4.9	-	< 346	< 7.2	< 8.7	279	< 584	< 66.1	< 5.1	< 107	< 0.15	1.4	< 0.28	< 0.12	< 189	1.1	< 0.15	0.80
	2003 04 (Winter)		< 50.8	257	< 59.3	< 204	211	-	-	< 765	< 17.2	< 34.0	749	< 1,760	310	< 50.7	< 284	< 0.19	< 3.2	< 1.8	1.7	< 171	< 0.56	< 0.19	1.5
	2003 03 (Fall)		< 74.0	243 J	< 37.1	< 185	< 51.6	-	-	< 672	< 24.0	< 46.5	< 245	< 1,190	< 159	< 42.7	< 196	< 0.11	< 3.6	< 1.8	< 1.1	< 184	< 0.25	< 0.11	< 0.15
	2003 02 (Summer)		< 42.4	211 J	< 48.7	< 47.1	< 16.4	-	-	< 713	< 18.3	< 33.7	568	< 1,150	< 130	< 58.5	< 50.3	< 105	< 5.1	< 2.4	< 0.99	< 175	-	< 105	-
	2003 01 (Spring)		< 36.7 UJ	212	< 52.0	< 197	124	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 3.4	< 1.6	< 0.95	< 171	-	< 77.0	-
	2002 04 (Winter)		< 78.8 UJ	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	-	-	-	-
	2002 03 (Fall)		< 1.4	407	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.66	-	-	-	-
	2002 02 (Summer)		< 0.28	319	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.27	-	-	-	-
M019-E	2004 04 (Winter)		< 3.0 UJ	187 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.9 J	-	1.1	< 500	-	-	-
	2004 02 (Summer)		< 54.0	193	< 51.0	< 135	< 25.0 UJ	< 9.2	< 12.8	-	< 16.0	< 21.0 UJ	< 160	-	-	< 11.8	< 98.0	< 0.20	2.7	< 0.50 UJ	0.68	< 380	1.5	< 0.20	1.1
	2003 04 (Winter)		< 53.7	165	< 63.7	< 108	61.0	-	-	< 578	< 14.7	< 20.0	520	< 1,360	< 375	< 49.9	< 205	< 0.18	< 4.5	< 1.9	1.4	< 170	1.2	< 0.18	0.74
	2003 02 (Summer)		< 70.0	149 J	< 70.6	< 104	< 17.0	-	-	< 656	< 26.0	< 40.1	520	< 2,040	< 171	< 38.3	< 196	< 80.3	< 4.4	< 2.6	2.6	< 174	-	< 80.3	-
	2002 04 (Winter)		< 74.7 UJ	254	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	-	-	-	-
	2002 02 (Summer)		7.9	178	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.053	-	-	-	-
M020-A	2004 04 (Winter)		< 3.0 UJ	105 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.7 J	-	0.68	< 500	-	-	-
	2004 02 (Summer)		< 28.0	153	< 38.0	< 119	< 24.0 UJ	< 8.2	< 10.1	-	< 11.6	< 21.0 UJ	< 172	-	-	< 10.0	< 125	< 0.20	< 0.88	< 0.57	< 0.29	< 380	0.46	< 0.20	0.59
	2004 01 (Spring)		< 7.2	71.9	< 21.7	< 34.5	< 9.8	< 5.0	-	< 337	< 6.9	< 8.5	121	< 621	< 70.1	< 5.1	< 106	< 0.16	< 1.1	< 0.28	< 0.14	< 189	0.40	< 0.16	0.36
	2003 04 (Winter)		< 33.9	234 J	< 37.4	< 61.3	< 13.1	< 7.4	-	< 529	< 11.4	< 14.3	216	< 1,070	< 106	< 7.3	< 168	< 0.024	5.1	< 0.75	1.3	< 196	0.61	< 0.024	0.53
	2003 03 (Fall)		< 39.9	256 J	< 56.4	< 156	< 68.8	-	-	< 788	< 17.4	< 36.4	< 385	< 1,550	< 391	< 46.7	< 290	< 0.070	< 4.6	< 1.7	< 1.3	< 188	0.55	< 0.070	0.42
	2003 02 (Summer)		< 28.4 UJ	180	70.3	< 135	< 30.8	-	-	< 794	< 40.8	< 23.3	1,050	< 2,420	< 224	< 30.7	< 164	< 58.1	< 5.6	< 2.3	< 1.4	< 197	-	< 58.1	-
	2003 01 (Spring)		< 18.2 UJ	118	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 3.2	< 2.1	< 1.0	< 186	-	< 77.0	-
	2002 04 (Winter)		< 55.1 UJ	285	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.4	-	-	-	-

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Table 2-9
Groundwater Sample Analytical Results at IR Site 2: Radionuclides
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

		Gross Alpha/Beta		Gamma Emitting Radionuclides														Ra 228	RAD Sr	Radium	Tritium	Uranium Isotopes		
		Gross Alpha	Gross Beta	Actinium 228	Bismuth 212	Bismuth 214	Cesium 137	Cobalt 60	Lead 210	Lead 212	Lead 214	Potassium 40	Protactinium 234	Radium 226	Thallium 208	Thorium 234	Uranium 235	Radium (Ra) 228	Strontium (Sr) Total	Radium	Tritium	Uranium 233 and 234	Uranium 235	Uranium 238
	Units:	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L	PCI/L	PCI/L	pCi/L	PCI/L	pCi/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L
	MCL:	15.0	50.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0	5.0	8.0	NA	20,000	NA	20.0	NA
	BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M020-A	2002 03 (Fall)	4.0	109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	-	-	-	-
	2002 02 (Summer)	< 0.28	454	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.055	-	-	-	-
M020-E	2004 04 (Winter)	< 3.0 UJ	227 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6	-	2.3	< 500	-	-	-
	2004 02 (Summer)	< 67.0	193	< 23.0	< 94.0	< 22.0 UJ	< 6.4	< 6.9	-	< 11.8	< 10.3 UJ	292	-	-	< 6.5	< 93.0	< 0.20	5.2	< 0.59 UJ	1.5	< 380	< 0.40	< 0.20	< 0.41
	2004 01 (Spring)	< 52.5	195	< 21.4	< 86.8	< 14.7	-	-	< 167	< 8.8	< 23.0	< 136	< 946	< 96.5	< 32.2	< 138	< 0.11	4.7	< 1.7	5.1	< 183	< 0.16	< 0.11	0.28
	2003 04 (Winter)	< 47.8	238 J	< 27.3	< 43.7	< 12.2	< 6.5	-	< 1,360	< 9.3	< 11.3	263	< 713	< 84.7	< 6.4	< 191	< 0.020	4.3	< 0.88	2.7	< 189	0.48	< 0.020	0.44
	2003 03 (Fall)	< 62.5	255 J	< 65.0	< 154	< 79.3	-	-	< 558	< 24.5	< 50.4	424	< 1,470	< 483	< 52.1	< 230	< 0.050	5.9	< 2.0	< 2.7	< 185	< 0.31	< 0.050	0.35
	2003 02 (Summer)	< 41.0	248	< 64.6	< 166	< 34.2	-	-	< 526	< 38.6	< 38.7	1,090	< 1,290	< 235	< 33.0	< 129	< 49.2	11.8	< 2.7	3.5	< 174	-	< 49.2	-
	2003 01 (Spring)	< 103 UJ	262	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	453	< 1,190	< 176	< 24.0	< 184	< 77.0	< 4.7	< 1.7	1.9	< 190	-	< 77.0	-
	2002 04 (Winter)	< 64.9 UJ	294	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	-	-	-	-
	2002 03 (Fall)	< 1.9	407	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.75	-	-	-	-
	2002 02 (Summer)	2.6	546	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.33	-	-	-	-
M021-A	2004 04 (Winter)	< 3.0	157 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	0.92	< 500	-	-	-
	2004 02 (Summer)	< 27.0	137	< 45.0	< 180	< 26.0 UJ	< 8.5	< 10.6	-	< 13.7	< 21.0 UJ	< 170	-	-	< 10.2	< 140	< 0.20	< 1.2	< 0.60	< 0.46	< 380	< 0.46	< 0.20	< 0.23
	2004 01 (Spring)	< 11.4	77.4	< 18.9	< 32.9	< 7.8	< 4.1	-	< 794	< 6.3	< 7.3	< 121	< 580	< 65.6	< 4.3	< 131	< 0.16	< 1.1	< 0.33	< 0.10	< 189	< 0.16	< 0.16	< 0.18
	2003 04 (Winter)	< 57.1	< 140 UJ	< 28.9	< 53.4	< 14.5	< 6.8	-	< 248	< 9.7	< 13.7	< 185	< 851	< 93.6	< 6.8	< 113	< 0.020	2.7	< 0.56	1.4	< 188	0.26	< 0.020	0.21
	2003 03 (Fall)	< 117	397 J	< 50.7	< 157	< 68.4	-	-	< 734	< 26.7	< 37.7	544 J	< 1,280	< 232	< 24.8	< 220	< 0.13	< 3.7	< 1.6	2.0	< 181	< 0.22	< 0.13	< 0.13
	2003 02 (Summer)	< 23.3	179	< 40.8	< 149	< 33.4	-	-	< 766	< 23.4	< 19.5	< 243	< 2,030	< 387	< 38.3	< 85.4	< 52.3	< 5.0	< 2.4	< 1.4	< 174	-	< 52.3	-
	2003 01 (Spring)	< 32.2 UJ	85.7	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 243	< 1,190	< 176	< 24.0	< 184	< 77.0	< 2.9	< 1.8	< 0.67	< 189	-	< 77.0	-
	2002 04 (Winter)	< 10.2	56.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8	-	-	-	-
	2002 03 (Fall)	4.8	158	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.28 UJ	-	-	-	-
	2002 02 (Summer)	2.9	127	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.050	-	-	-	-
M021-E	2004 04 (Winter)	< 3.0	83.3 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.4 J	-	1.9	< 500	-	-	-
	2004 02 (Summer)	< 45.0	193	< 34.0	< 126	< 20.0 UJ	< 9.2	< 10.0	-	< 14.9	< 19.4 UJ	< 172	-	-	< 12.3	< 98.0	< 0.20	2.9	< 0.98	1.3	< 380	< 0.47	< 0.20	< 0.25
	2004 01 (Spring)	< 43.0	193	< 31.6	< 77.6	21.7	-	-	< 232	< 10.6	20.6	< 107	< 627	< 39.8	< 13.1	< 69.2	< 0.090	5.0	< 2.3	5.2	< 185	< 0.11	< 0.090	< 0.21
	2003 04 (Winter)	< 36.9	180 J	< 10.3	< 17.4	< 4.8	< 2.3	-	< 206	< 3.7	< 4.3	209	< 284	< 35.0	< 3.8	< 59.7	< 0.022	3.7	< 0.66	2.1	< 193	0.34	< 0.022	0.27
	2003 03 (Fall)	< 44.8	187 J	< 35.6	< 109	< 53.3	-	-	< 682	< 22.2	< 54.6	523	< 1,420	< 360	< 56.3	< 195	< 0.050	5.0	< 2.3	< 2.6	< 183	0.24	< 0.050	< 0.059
	2003 02 (Summer)	< 56.6 UJ	159	< 55.1	< 197	< 25.4	-	-	< 641	< 18.1	< 26.9	< 180	< 1,250	< 221	< 32.6	< 235	< 70.3	< 5.6	< 1.8	3.4	< 175	-	< 70.3	-
	2003 01 (Spring)	< 63.1 UJ	151	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	418	< 1,190	< 176	< 24.0	< 184	< 77.0	5.2	< 1.9	0.97	< 190	-	< 77.0	-
	2002 04 (Winter)	< 42.2 UJ	184	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.9	-	-	-	-
	2002 03 (Fall)	< 1.4	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.060	-	-	-	-
	2002 02 (Summer)	2.4	182	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.13	-	-	-	-
M022-A	2004 04 (Winter)	< 3.0 UJ	154 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	0.81	< 500	-	-	-
	2004 02 (Summer)	< 25.0	138	< 29.0	< 107	< 16.9 UJ	< 7.1	< 9.0	-	< 14.6	< 18.0 UJ	< 181	-	-	< 10.0	< 87.0	< 0.20	1.6	< 0.50	0.49	< 380	< 0.20	< 0.20	< 0.20
	2004 01 (Spring)	< 14.8	111	< 21.8	< 39.9	< 10.0	< 6.0	-	< 350	< 7.6	< 8.9	243	< 601	< 77.1	< 9.8	< 113	< 0.14	1.8	0.73	0.36	< 196	< 0.12	< 0.14	< 0.12
	2003 04 (Winter)	< 20.4	111 J	< 18.1	< 32.1	< 7.0	< 4.1	-	< 876	< 5.8	< 6.7	229	< 441	< 55.3	< 4.0	< 120	< 0.030	2.4	< 0.55	1.4	< 201	0.36	< 0.030	0.33
	2003 03 (Fall)	< 26.0	255 J	< 33.2	< 127	< 66.0	-	-	< 873	< 28.0	< 31.2	522	< 1,460	< 460	< 45.9	< 377	< 0.11	< 3.8	< 2.3	< 2.3	< 182	< 0.19	< 0.11	< 0.15
	2003 02 (Summer)	< 25.3	176	< 53.6	< 153	< 27.3	-	-	< 539	< 23.6	< 31.3	< 315	< 1,200	< 227	< 45.8	< 61.3	< 89.7	< 3.6	< 2.0	< 2.0	< 174	-	< 89.7	-

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Table 2-9
Groundwater Sample Analytical Results at IR Site 2: Radionuclides
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Gross Alpha/Beta		Gamma Emitting Radionuclides															Ra 228	RAD Sr	Radium	Tritium	Uranium Isotopes		
			Gross Alpha	Gross Beta	Actinium 228	Bismuth 212	Bismuth 214	Cesium 137	Cobalt 60	Lead 210	Lead 212	Lead 214	Potassium 40	Protactinium 234	Radium 226	Thallium 208	Thorium 234	Uranium 235	Radium (Ra) 228	Strontium (Sr) Total	Radium	Tritium	Uranium 233 and 234	Uranium 235	Uranium 238
		Units:	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L	PCI/L	PCI/L	pCi/L	PCI/L	pCi/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L
		MCL:	15.0	50.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0	5.0	8.0	NA	20,000	NA	20.0	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M022-A	2003 01 (Spring)		< 41.4 UJ	143	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	452	< 1,190	< 176	< 24.0	< 184	< 77.0	< 2.6	< 2.1	< 1.1	< 188	-	< 77.0	-
	2002 04 (Winter)		< 49.5 UJ	166	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	-	-	-	-
	2002 03 (Fall)		1.9	220	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.20 UJ	-	-	-	-
	2002 02 (Summer)		< 0.28	205	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.49	-	-	-	-
M022-E	2004 04 (Winter)		< 3.0	78.2 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.7	-	1.9	< 500	-	-	-
	2004 02 (Summer)		< 3.0	56.5	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	207	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	1.8	< 500	1.5	< 50.0	< 250
	2004 01 (Spring)		< 47.0	186	< 33.5	< 39.8	< 18.2	-	-	< 234	< 13.1	< 15.8	< 108	< 502	< 72.6	< 13.2	< 82.1	< 0.040	11.7	< 2.8	10.3	< 182	2.0	< 0.040	2.1
	2003 04 (Winter)		< 29.7	169 J	< 24.0	< 39.2	< 11.3	< 4.9	-	< 104	< 7.6	< 10.5	< 152	< 591	< 73.4	< 5.4	< 86.4	< 23.7	11.0	< 0.59	3.8	< 192	2.2	< 23.7	2.4
	2003 03 (Fall)		< 0.31	2.6 J	< 52.4	< 204	< 47.6	-	-	< 627	< 16.6	< 23.8	< 370 UJ	< 1,250	< 479	< 31.5	< 194	< 0.40	10.5	< 2.1	3.4	< 184	1.4	< 0.40	1.5
	2003 02 (Summer)		< 33.7	182	< 62.4	< 197	< 54.1	-	-	< 748	< 26.2	< 37.0	723	< 2,120	< 309	< 31.3	< 67.3	< 73.0	14.8	< 2.3	3.7	< 175	-	< 73.0	-
	2003 01 (Spring)		< 34.2 UJ	181	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	434	< 1,190	< 176	< 24.0	< 184	< 77.0	10.5	< 2.2	2.3	< 190	-	< 77.0	-
	2002 04 (Winter)		< 50.6 UJ	197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.3	-	-	-	-
	2002 03 (Fall)		< 2.3	141	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.61 J	-	-	-	-
	2002 02 (Summer)		3.8	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.9	-	-	-	-
M023-A	2004 04 (Winter)		< 3.0	174 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	0.66	< 500	-	-	-
	2004 02 (Summer)		< 33.0	168	< 44.0	< 130	< 26.0 UJ	< 9.7	< 10.6	-	< 16.1	< 22.0 UJ	< 180	-	-	< 12.4	< 142	< 0.20	< 1.1	< 0.83	< 0.20	< 380	0.39	< 0.20	0.38
	2004 01 (Spring)		< 12.3	120	< 17.5	< 30.4	< 7.2	< 3.7	-	< 755	< 5.8	< 6.9	193	< 486	< 85.8	< 4.1	< 120	< 0.040	< 1.1	< 0.75	< 0.18	< 187	< 0.038	< 0.040	0.068
	2003 04 (Winter)		< 30.5	152 J	< 15.1	< 27.6	< 15.1	< 3.5	-	< 233	< 20.0	< 13.9	< 191	< 403	< 103	< 3.8	< 162	< 0.030	< 1.4	< 0.54	0.58	< 190	0.59	< 0.030	0.44
	2003 03 (Fall)		< 73.5	244 J	< 58.4	< 167	< 58.5	-	-	< 798	< 24.7	< 36.0	767	< 1,950	< 385	< 43.9	< 177	< 0.18	< 3.7	< 2.0	< 0.76	< 182	< 0.20	< 0.18	< 0.18
	2003 02 (Summer)		< 33.7	247	< 54.5	< 232	64.8	-	-	< 649	< 20.4	< 27.8	1,220	< 804	< 501	< 51.2	< 95.6	< 88.5	< 3.2	< 1.6	< 1.5	< 172	-	< 88.5	-
	2003 01 (Spring)		< 16.3 UJ	187	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 4.9	< 1.6	2.0	< 172	-	< 77.0	-
	2002 04 (Winter)		< 65.6 UJ	256	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.9	-	-	-	-
	2002 03 (Fall)		1.7	604	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.066	-	-	-	-
	2002 02 (Summer)		< 1.4	237	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.32	-	-	-	-
M023-E	2004 04 (Winter)		< 3.0	85.9 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.9 J	-	2.2	< 500	-	-	-
	2004 02 (Summer)		< 34.0	219	< 47.0	< 141	< 18.0 UJ	< 8.3	< 11.1	-	< 19.0	< 25.0 UJ	< 157	-	-	< 13.5	< 220	< 0.20	4.1	< 0.81	1.3	< 380	< 0.20	< 0.20	< 0.20
	2004 01 (Spring)		< 37.7	264 J	< 34.6	< 70.7	< 27.9	-	-	< 259	< 9.7	< 16.8	< 121	< 811	< 81.1	< 25.4	< 128	< 0.14	3.7	< 1.8	5.5	< 184	< 0.28	< 0.14	0.21
	2003 04 (Winter)		< 47.4	207 J	< 38.7	< 146	< 38.0	-	-	< 189	< 18.0	39.4	< 321	< 1,450	< 230	< 37.9	< 125	< 0.24	< 5.2	< 2.0	< 2.4	< 182	< 0.24	< 0.24	< 0.24
	2003 03 (Fall)		< 56.5	309 J	< 72.8	< 164	< 59.9	-	-	< 733	< 22.6	< 38.9	403	< 1,300	< 340	< 40.8	< 158	< 0.17	7.7	< 2.5	2.5	< 181	< 0.17	< 0.17	< 0.17
	2003 02 (Summer)		< 35.8	237	< 41.7	< 184	< 27.3	-	-	< 673	< 19.3	< 44.3	549	< 313	< 162	< 38.0	< 74.9	< 63.9	10.4	< 1.9	2.9	< 174	-	< 63.9	-
	2003 01 (Spring)		< 80.1 UJ	170	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 6.0	< 1.9	< 1.7	< 190	-	< 77.0	-
	2002 04 (Winter)		< 64.4 UJ	206	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.5	-	-	-	-
	2002 03 (Fall)		1.1	185	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.27 UJ	-	-	-	-
	2002 02 (Summer)		< 2.2	< 64.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0	-	-	-	-
M024-A	2004 04 (Winter)		< 3.0 UJ	45.2 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	0.25 J	< 500	-	-	-
	2004 02 (Summer)		< 3.5	56.0	< 31.0	< 125	< 26.0 UJ	< 9.0	< 10.7	-	< 14.4	< 21.0 UJ	< 130	-	-	< 10.5	< 132	< 0.20	< 1.1	< 0.63	< 0.34	< 380	< 0.20	< 0.20	< 0.20
	2004 01 (Spring)		< 2.7	48.4	< 32.5	< 56.9	< 13.6	< 7.9	-	< 494	< 11.0	< 12.6	< 151	< 935	< 105	< 8.7	< 159	< 0.17	< 1.4	< 0.35	< 0.22	< 187	< 0.14	< 0.17	< 0.14
	2003 04 (Winter)		< 5.5	43.7 J	< 60.5	< 189	< 45.0	-	-	< 257	< 16.0	< 21.2	< 280	< 2,210	< 310	< 25.3	< 272	< 0.17	< 3.9	< 1.9	< 0.61	< 180	< 0.17	< 0.17	< 0.17

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Table 2-9
Groundwater Sample Analytical Results at IR Site 2: Radionuclides
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Gross Alpha/Beta		Gamma Emitting Radionuclides														Ra 228	RAD Sr	Radium	Tritium	Uranium Isotopes		
			Gross Alpha	Gross Beta	Actinium 228	Bismuth 212	Bismuth 214	Cesium 137	Cobalt 60	Lead 210	Lead 212	Lead 214	Potassium 40	Protactinium 234	Radium 226	Thallium 208	Thorium 234	Uranium 235	Radium (Ra) 228	Strontium (Sr) Total	Radium	Tritium	Uranium 233 and 234	Uranium 235	Uranium 238
		Units:	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L	PCI/L	PCI/L	pCi/L	PCI/L	pCi/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L
		MCL:	15.0	50.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0	5.0	8.0	NA	20,000	NA	20.0	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M024-A	2003 03 (Fall)		< 6.6	**48.2 J**	< 49.6	< 160	< 56.5	-	-	< 797	< 25.1	< 44.8	< 105 UJ	< 1,250	< 542	< 45.5	< 209	< 0.16	< 4.6	< 2.4	< 0.65	< 182	< 0.16	< 0.16	< 0.16
	2003 02 (Summer)		< 7.2	**59.2**	< 55.0	< 140	< 101	-	-	< 124	< 38.1	< 21.0	< 40.0	< 851	< 182	< 281	< 173	< 87.0	< 4.1	< 2.3	< 1.6	< 179	-	< 87.0	-
	2003 01 (Spring)		< 3.9 UJ	**48.3**	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 3.4	< 2.6	< 0.79	< 171	-	< 77.0	-
	2002 04 (Winter)		< 2.9 UJ	**36.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 1.3	-	-	-	-
	2002 03 (Fall)		**0.99**	**49.8**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.14 UJ	-	-	-	-
	2002 02 (Summer)		**2.6**	< 2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.050	-	-	-	-
M024-E	2004 04 (Winter)		< 3.0	**28.7 J**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	**0.24 J**	< 500	-	-	-
	2004 02 (Summer)		< 6.0	**28.3**	< 51.0	< 118	< 25.0 UJ	< 8.9	< 11.2	-	< 16.5	< 21.0 UJ	< 160	-	-	< 11.2	< 89.0	< 0.20	< 1.2	< 0.62	< 0.27	< 380	< 0.39	< 0.20	< 0.24
	2004 01 (Spring)		< 3.0	**25.3**	< 34.5	< 79.7	**30.6**	-	-	< 217	< 12.8	< 17.1	< 136	< 935	< 220	< 17.0	< 98.0	< 0.050	< 1.1	< 2.6	**2.5**	< 178	< 0.17	< 0.050	< 0.13
	2003 04 (Winter)		< 4.7	**18.5 J**	< 50.0	< 223	< 19.0	-	-	< 183	< 21.0	**44.8**	< 130	< 1,250	< 32.0	< 27.0	< 46.0	< 0.30	< 4.1	< 1.7	< 0.53	< 184	< 0.15	< 0.30	< 0.15
	2003 03 (Fall)		< 9.1	**23.7 J**	< 60.8	< 103	< 28.0	-	-	< 657	< 18.6	< 23.9	< 288	< 1,730	< 413	< 48.6	< 135	< 0.14	< 3.1	< 1.8	**1.1**	< 182	< 0.14	< 0.14	< 0.14
	2003 02 (Summer)		< 4.2	**28.3**	< 66.0	< 38.4	< 48.0	-	-	< 114	< 18.1	< 78.0	< 110	< 1,530	< 292	< 169	< 220	< 111	< 3.6	< 2.7	< 2.0	< 179	-	< 111	-
	2003 01 (Spring)		< 6.5 UJ	**38.3**	< 52.0	< 197	< 36.0	-	-	< 602	< 15.8	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 4.1	< 1.9	< 0.88	< 172	-	< 77.0	-
	2002 04 (Winter)		< 2.4 UJ	**24.1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.77	-	-	-	-
	2002 03 (Fall)		**0.98**	**178**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.070	-	-	-	-
	2002 02 (Summer)		**1.1**	**57.8**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.050	-	-	-	-
M036-A	2004 04 (Winter)		< 3.0	**32.8 J**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	**0.54**	< 500	-	-	-
	2004 02 (Summer)		< 3.0	**30.4**	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.64	< 500	< 0.50	< 50.0	< 0.50
	2004 01 (Spring)		< 6.2	**33.5**	< 11.7	< 22.7	< 6.0	< 3.0	-	< 57.2	< 4.4	< 5.8	**87.0**	< 351	< 43.9	< 3.1	< 58.0	< 0.030	**2.0**	< 0.71	< 0.17	< 206	< 0.020	< 0.030	< 0.020
	2003 04 (Winter)		< 19.0	**115 J**	< 44.4	< 189	< 15.0	-	-	< 302	< 15.4	**23.8**	< 239	< 2,100	< 145	**48.0**	< 221	< 0.19	< 5.1	< 1.8	< 0.95	< 187	< 0.32	< 0.19	< 0.19
	2003 03 (Fall)		< 12.9	**90.1**	< 35.4	< 118	< 46.4	-	-	< 620	< 18.8	< 36.9	< 309	< 1,390	< 317	< 60.4	< 427	< 0.15	< 2.5	< 2.2	< 1.1	< 171	< 0.26	< 0.15	< 0.15
	2003 02 (Summer)		< 13.1	**64.3**	< 24.0	< 135	< 21.0	-	-	< 103	< 14.0	< 58.0	< 102	< 1,370	< 267	< 227	< 126	< 134	< 4.1	< 1.8	**1.0**	< 283	-	< 134	-
	2003 01 (Spring)		< 7.9 UJ	**46.3**	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 4.6	< 2.0	< 0.56	< 190	-	< 77.0	-
	2002 04 (Winter)		< 16.3	**84.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1.2**	-	-	-	-
	2002 03 (Fall)		**4.6**	**78.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.54 UJ	-	-	-	-
	2002 02 (Summer)		**1.1**	**132**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.16	-	-	-	-
M036-E	2004 04 (Winter)		< 3.0 UJ	**103 J**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**4.0 J**	-	**1.3**	< 500	-	-	-
	2004 02 (Summer)		< 3.0	**32.1**	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 132	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	**1.3**	< 500	< 0.50	< 50.0	< 0.50
	2004 01 (Spring)		< 35.9	**262**	< 33.1	< 52.1	< 18.4	-	-	< 170	< 7.5	< 19.8	< 175	< 694	< 150	< 28.4	< 77.3	< 0.090	**4.7**	< 2.6	**3.3**	< 179	< 0.090	< 0.090	< 0.090
	2003 04 (Winter)		< 39.1	**185 J**	< 66.6	< 128	< 14.0	-	-	< 349	< 3.3	**36.8**	< 223	< 1,210	< 272	< 24.8	< 107	< 0.16	< 6.4	< 2.0	< 2.0	< 179	< 0.16	< 0.16	< 0.16
	2003 03 (Fall)		< 43.5	**160 J**	< 53.3	< 143	< 37.2	-	-	< 702	< 18.2	**37.4**	< 228	< 1,030	< 446	< 27.4	< 294	< 0.12	< 4.6	< 1.8	< 2.4	< 185	< 0.20	< 0.12	< 0.081
	2003 02 (Summer)		< 45.0	**150**	< 118	< 29.5	< 41.0	-	-	< 134	< 20.0	< 45.0	< 66.0	< 1,840	< 175	< 237	< 177	< 140	< 5.8	< 2.6	< 2.4	< 178	-	< 140	-
	2003 01 (Spring)		< 59.3 UJ	**158**	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 4.5	< 1.7	**1.9**	< 190	-	< 77.0	-
	2002 04 (Winter)		< 44.1	**165**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1.3**	-	-	-	-
	2002 03 (Fall)		**8.3**	**129**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.54 UJ	-	-	-	-
	2002 02 (Summer)		**5.8**	**235**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.050	-	-	-	-
M037-A	2004 02 (Summer)		< 10.6	**117**	< 36.0	< 100	< 22.0 UJ	< 7.9	< 9.4	-	< 12.1	< 19.0 UJ	< 146	-	-	< 12.5	< 135	< 0.20	< 1.2	< 0.59	< 0.35	< 380	< 0.20	< 0.20	< 0.20
	2004 01 (Spring)		< 5.0	**63.8**	< 32.0	< 46.5	< 14.7	< 8.5	-	< 503	< 10.0	< 13.2	< 215	< 881	< 98.6	< 8.0	< 159	< 0.030	< 1.3	< 0.91	< 0.18	< 259	< 0.020	< 0.030	< 0.020

FWBZ

Table 2-9
Groundwater Sample Analytical Results at IR Site 2: Radionuclides
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Gross Alpha/Beta		Gamma Emitting Radionuclides														Ra 228	RAD Sr	Radium	Tritium	Uranium Isotopes		
			Gross Alpha	Gross Beta	Actinium 228	Bismuth 212	Bismuth 214	Cesium 137	Cobalt 60	Lead 210	Lead 212	Lead 214	Potassium 40	Protactinium 234	Radium 226	Thallium 208	Thorium 234	Uranium 235	Radium (Ra) 228	Strontium (Sr) Total	Radium	Tritium	Uranium 233 and 234	Uranium 235	Uranium 238
		Units:	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L	PCI/L	PCI/L	pCi/L	PCI/L	pCi/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L
		MCL:	15.0	50.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0	5.0	8.0	NA	20,000	NA	20.0	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M037-A	2003 04 (Winter)		< 20.0	123 J	< 40.6	< 164	< 31.0	-	-	< 121	< 4.3	< 37.3	< 337	< 1,340	< 251	48.4	< 73.0	< 0.12	< 5.1	< 2.1	< 1.1	< 235	< 0.12	< 0.12	< 0.12
	2003 03 (Fall)		< 19.5	171	< 41.7	< 30.7	< 60.9	-	-	< 470	< 27.6	< 41.3	< 351	< 2,010	< 316	< 37.3	< 118	< 0.14	5.9	< 2.5	< 1.9	< 311	< 0.32	< 0.14	< 0.14
	2003 02 (Summer)		< 14.3	128	< 6.4	< 55.8	< 30.2	-	-	< 131	< 24.2	< 48.2	< 58.5	< 1,490	< 185	< 7.4	< 239	< 44.5	< 3.0	< 1.9	< 0.92	< 315	-	< 44.5	-
	2003 01 (Spring)		< 14.5 UJ	93.6	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 201	< 1,190	< 176	< 24.0	< 184	< 77.0	< 4.2	< 2.1	< 0.73	< 301	-	< 77.0	-
	2002 04 (Winter)		< 17.3	124	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.79	-	-	-	-
	2002 03 (Fall)		4.1	124	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.71 J	-	-	-	-
	2002 02 (Summer)		2.9	405	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.050	-	-	-	-
M037-E	2004 02 (Summer)		< 56.0	174	< 39.0	< 127	< 23.0 UJ	< 8.4	< 9.6	-	< 11.0	< 22.0 UJ	< 174	-	-	< 9.9	< 135	< 0.20	4.0	< 0.36	1.5	< 380	< 0.32	< 0.20	< 0.20
	2004 01 (Spring)		< 29.3	133	< 17.4	< 28.0	< 8.1	< 3.8	-	< 247	< 5.7	< 7.0	213	< 491	< 55.9	< 4.1	< 91.7	< 0.030	5.2	< 1.2	1.0	< 198	< 0.020	< 0.030	< 0.020
	2003 04 (Winter)		< 57.1	200 J	< 60.5	< 135	< 21.0	-	-	< 153	< 20.0	24.8	< 198	< 1,510	< 305	< 49.8	< 244	< 0.15	6.1	< 1.7	2.2	< 178	< 0.15	< 0.15	< 0.15
	2003 03 (Fall)		< 77.3	201	< 32.6	< 155	< 61.2	-	-	< 713	< 30.5	< 28.7	420	< 2,060	< 231	< 34.2	< 244	< 0.17	9.1	< 2.3	< 3.2	< 169	< 0.17	< 0.17	< 0.17
	2003 02 (Summer)		< 60.8	199	< 15.6	< 61.7	< 3.5	-	-	< 105	< 12.9	< 31.9	< 60.9	< 1,760	< 240	< 29.9	< 211	< 107	7.8	< 2.2	2.2	< 169	-	< 107	-
	2003 01 (Spring)		< 55.8 UJ	196	< 52.0	< 197	< 70.4	-	-	< 602	< 27.0	< 34.0	< 284	< 1,190	< 176	< 24.0	< 184	< 77.0	< 4.5	< 1.8	< 1.0	< 191	-	< 77.0	-
	2002 04 (Winter)		< 56.8	206	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.1	-	-	-	-
	2002 03 (Fall)		18.6	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.1 J	-	-	-	-
	2002 02 (Summer)		11.0	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.27	-	-	-	-
M038-A	2004 02 (Summer)		< 3.0	75.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	-	-	-	-
	2004 01 (Spring)		< 23.2	151	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.030	2.0	-	< 0.18	844	0.12	< 0.030	0.11
	2003 01 (Spring)		< 11.1 UJ	91.8	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 370	< 1,190	< 176	< 24.0	< 184	< 77.0	< 2.7	< 1.8	< 0.59	846	-	< 77.0	-
	2002 04 (Winter)		< 12.3	146	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.51	-	-	-	-
	2002 03 (Fall)		< 0.29	354	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M038-E	2004 04 (Winter)		< 3.0	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.9 J	-	2.5	< 500	-	-	-
	2004 02 (Summer)		< 45.0	233	< 43.0	< 107	< 24.0 UJ	< 7.8	< 10.5	-	< 14.5	< 20.0 UJ	< 160	-	-	< 11.7	< 160	< 0.20	3.7	< 0.54	1.9	< 380	< 0.20	< 0.20	< 0.20
	2004 01 (Spring)		< 50.6	335 J	< 18.9	< 93.4	< 10.7	-	-	< 236	< 8.0	< 20.2	< 163	< 610	< 125	< 25.5	< 89.0	< 0.16	6.3	< 2.1	5.5	< 248	< 0.14	< 0.16	< 0.16
	2003 04 (Winter)		< 59.6	190 J	< 46.6	< 129	< 35.5	-	-	< 131	< 6.9	< 52.0	< 190	< 1,990	< 254	44.0	< 109	< 0.15	7.4	< 1.6	3.4	< 186	< 0.15	< 0.15	< 0.15
	2003 03 (Fall)		< 103	372 J	< 47.9	< 77.1	< 51.5	-	-	< 738	< 21.3	< 30.3	472	< 826	< 167	< 34.4	< 290	< 0.23	8.1	< 2.2	5.8	< 184	< 0.39	< 0.23	< 0.23
	2003 02 (Summer)		< 46.9	251	< 90.0	< 80.0	< 49.0	-	-	< 89.5	< 21.0	< 87.0	< 47.0	< 1,650	< 365	< 274	< 195	< 133	6.5	< 3.9	3.4	< 177	-	< 133	-
	2003 01 (Spring)		< 86.1 UJ	234	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 234	< 1,190	< 176	< 24.0	< 184	< 77.0	6.4	< 1.8	< 1.3	< 190	-	< 77.0	-
	2002 04 (Winter)		< 54.4	236	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.6	-	-	-	-
	2002 03 (Fall)		< 1.1	312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.85	-	-	-	-
	2002 02 (Summer)		< 0.45	162	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.73	-	-	-	-
M039-A	2004 04 (Winter)		< 3.0 UJ	56.7 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	0.25 J	< 500	-	-	-
	2004 02 (Summer)		< 5.6	51.0	< 32.0	< 110	< 23.0 UJ	< 7.8	< 9.7	-	< 10.8	< 21.0 UJ	< 122	-	-	< 7.8	< 135	< 0.20	< 0.70	< 0.56	< 0.22	< 380	< 0.20	< 0.20	< 0.20
	2004 01 (Spring)		< 3.5	63.8	< 17.7	< 35.6	< 13.6	< 4.6	-	< 1,200	< 6.9	< 10.7	< 100	< 576	< 68.9	< 5.1	< 178	< 0.030	< 1.2	< 0.72	< 0.18	< 185	< 0.020	< 0.030	< 0.020
	2003 04 (Winter)		< 7.6	68.5 J	< 71.5	< 161	< 24.0	-	-	< 109	< 21.0	35.4	< 176	< 1,320	< 250	< 42.0	< 270	< 0.18	< 4.7	3.4	< 0.92	< 256	< 0.18	< 0.18	< 0.18
	2003 03 (Fall)		< 7.3	70.3	< 69.7	< 192	< 49.2	-	-	< 784	< 40.4	< 35.7	427	< 1,560	< 460	< 41.5	< 216	< 0.10	< 4.0	< 2.5	< 1.4	< 351	< 0.18	< 0.10	< 0.10
	2003 02 (Summer)		< 5.8	70.1	< 4.9	< 23.0	< 14.3	-	-	< 134	< 8.8	< 33.9	< 73.5	< 1,580	< 159	< 8.4	< 32.0	< 123	< 5.2	< 1.7	< 0.59	< 512	-	< 123	-
	2003 01 (Spring)		< 6.3 UJ	57.7	< 52.0	< 197	< 36.0	-	-	< 602	< 27.0	< 34.0	< 278	< 1,190	< 176	< 24.0	< 184	< 77.0	< 3.0	< 2.3	< 0.55	< 198	-	< 77.0	-

FWBZ

Table 2-9
Groundwater Sample Analytical Results at IR Site 2: Radionuclides
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Gross Alpha/Beta		Gamma Emitting Radionuclides														Ra 228	RAD Sr	Radium	Tritium	Uranium Isotopes		
			Gross Alpha	Gross Beta	Actinium 228	Bismuth 212	Bismuth 214	Cesium 137	Cobalt 60	Lead 210	Lead 212	Lead 214	Potassium 40	Protactinium 234	Radium 226	Thallium 208	Thorium 234	Uranium 235	Radium (Ra) 228	Strontium (Sr) Total	Radium	Tritium	Uranium 233 and 234	Uranium 235	Uranium 238
		Units:	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L	PCI/L	PCI/L	pCi/L	PCI/L	pCi/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L
		MCL:	15.0	50.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0	5.0	8.0	NA	20,000	NA	20.0	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M039-A	2002 04 (Winter)	< 3.9 UJ	74.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.94	-	-	-	-
		2002 03 (Fall)	1.3	65.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.13 UJ	-	-	-	-
		2002 02 (Summer)	1.1	78.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.066	-	-	-	-
	M010-B	2004 02 (Summer)	< 3.0	125	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.50	< 500	< 0.50	< 50.0	< 0.50
		2003 04 (Winter)	< 15.0	161	< 82.7	< 209	< 135	-	-	< 111	< 29.0	< 29.6	< 217	< 1,400	< 201	< 38.7	< 131	< 0.22	< 2.9	< 2.7	< 1.5	< 186	< 0.22	< 0.22	< 0.38
		2003 02 (Summer)	< 36.1	152	< 23.1	< 148	< 23.6	-	-	< 152	< 17.2	< 32.6	< 93.9	< 109	< 319	< 27.9	< 188	< 86.5	< 4.4	< 1.8	< 0.82	< 170	-	< 86.5	-
		2002 04 (Winter)	< 28.9 UJ	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	-	-	-	-
		2002 02 (Summer)	< 2.2	138	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.056	-	-	-	-
	M012-B	2004 04 (Winter)	< 3.0	63.5 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.7 J	-	1.2	< 500	-	-	-
		2004 02 (Summer)	< 3.0	< 3.0	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 140	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	1.9	< 500	3.7	< 50.0	< 250
		2003 04 (Winter)	< 69.3	< 101 UJ	< 43.2	< 170	< 31.0	-	-	< 128	< 9.3	< 36.2	< 227	< 1,820	< 82.0	< 35.4	< 184	< 0.30	< 4.9	< 1.6	< 0.94	< 181	3.5	< 0.30	2.4
		2003 02 (Summer)	< 46.0	161	< 14.7	< 62.7	< 2.3	-	-	< 88.0	< 16.8	< 28.0	< 81.5	< 934	< 172	< 15.8	< 231	< 91.7	< 4.7	< 1.8	1.8	< 169	-	< 91.7	-
		2002 04 (Winter)	< 58.9 UJ	142	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.1	-	-	-	-
		2002 02 (Summer)	8.1	106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.80	-	-	-	-
	M013-C	2004 04 (Winter)	< 3.0	< 3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	1.2	< 500	-	-	-
		2004 02 (Summer)	< 3.0	< 3.0	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 115	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.60	< 500	5.5	< 50.0	< 250
		2003 04 (Winter)	< 38.6	170	< 67.6	< 134	< 207	-	-	< 184	< 27.0	< 35.0	< 247	< 2,140	< 360	< 34.5	< 218	< 0.18	4.0	< 1.9	1.6	< 187	8.9	< 0.18	8.1
		2003 02 (Summer)	< 48.1	527 J	< 58.1	< 68.4	< 24.1	-	-	< 740	< 32.0	< 20.1	< 351	< 1,010	< 189	< 55.4	< 210	< 93.8	< 4.8	< 2.5	2.7	< 174	-	< 93.8	-
		2002 04 (Winter)	< 62.9 UJ	< 78.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0	-	-	-	-
		2002 02 (Summer)	11.4	193	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.26	-	-	-	-
SWBZ	M014-B	2004 02 (Summer)	< 3.0	238	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 100	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	< 0.56	< 500	4.8	< 50.0	< 250
		2003 04 (Winter)	< 40.8	111	< 39.4	< 220	200	-	-	< 223	< 30.0	< 20.2	< 186	< 2,120	< 354	< 38.0	< 114	< 0.29	< 3.2	< 2.2	< 1.9	< 186	5.5	< 0.29	5.0
		2003 02 (Summer)	< 49.7	236 J	< 69.7	< 123	< 11.0	-	-	< 768	< 15.1	< 37.2	< 336	< 1,210	< 214	< 50.1	< 153	< 88.2	< 5.6	< 2.5	1.5	< 172	-	< 88.2	-
		2002 04 (Winter)	< 49.6 UJ	< 61.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.4	-	-	-	-
		2002 02 (Summer)	11.2	9.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.33	-	-	-	-
	M016-B	2004 02 (Summer)	< 45.0	154	< 31.0	< 112	< 21.0 UJ	< 7.4	< 10.1	-	< 15.8	< 21.0 UJ	< 145	-	-	< 9.2	< 137	< 56.0	1.8	< 0.61 UJ	0.42	< 380	11.1	< 56.0	8.2
		2003 04 (Winter)	< 36.4	123	< 71.6	< 174	< 16.0	-	-	< 189	< 24.0	< 36.6	548	< 2,080	< 415	< 30.0	< 200	< 0.25	< 4.2	< 2.2	1.9	< 188	11.5	< 0.25	8.5
		2003 02 (Summer)	< 66.9	311 J	< 56.0	< 223	< 55.5	-	-	< 613	< 27.1	< 25.0	< 19.4	< 1,230	< 186	< 68.0	< 163	< 76.9	< 5.8	< 2.3	1.2	< 174	-	< 76.9	-
		2002 04 (Winter)	< 62.6 UJ	131	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 1.4	-	-	-	-
		2002 02 (Summer)	21.0	203	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.84	-	-	-	-
	M020-B	2004 04 (Winter)	< 3.0 UJ	52.1 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	0.63	< 500	-	-	-
		2004 02 (Summer)	< 12.4	63.0	< 48.0	< 108	< 23.0 UJ	< 7.1	< 8.8	-	< 12.8	< 12.6 UJ	< 146	-	-	< 10.9	< 85.0	< 0.20	< 1.1	< 0.62	< 0.38	< 380	< 0.23	< 0.20	< 0.20
		2003 04 (Winter)	< 9.8	66.4 J	< 15.3	< 27.1	< 9.3	< 3.7	-	< 229	< 5.4	< 6.3	105	< 420	< 53.1	< 3.6	< 90.6	< 0.020	1.5	< 0.60	0.80	< 192	< 0.047	< 0.020	0.069
		2003 02 (Summer)	< 10.1	96.7	< 45.7	< 120	< 64.6	-	-	< 580	< 27.6	< 24.3	623	< 1,970	< 128	< 47.0	< 0.10	< 104	< 4.2	< 2.0	< 1.2	< 175	-	< 104	-
		2002 04 (Winter)	< 18.8 UJ	71.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.95	-	-	-	-
		2002 02 (Summer)	2.4	51.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.82	-	-	-	-
	M021-C	2004 04 (Winter)	< 3.0	70.6 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	0.52	< 500	-	-	-
		2004 02 (Summer)	< 13.1	68.0	< 39.0	< 115	< 24.0 UJ	< 8.6	< 10.5	-	< 12.7	< 20.0 UJ	< 152	-	-	< 12.3	< 106	< 0.20	< 1.8	< 0.60	< 0.41	< 380	< 0.20	< 0.20	< 0.20

Table 2-9
Groundwater Sample Analytical Results at IR Site 2: Radionuclides
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Gross Alpha/Beta		Gamma Emitting Radionuclides														Ra 228	RAD Sr	Radium	Tritium	Uranium Isotopes		
			Gross Alpha	Gross Beta	Actinium 228	Bismuth 212	Bismuth 214	Cesium 137	Cobalt 60	Lead 210	Lead 212	Lead 214	Potassium 40	Protactinium 234	Radium 226	Thallium 208	Thorium 234	Uranium 235	Radium (Ra) 228	Strontium (Sr) Total	Radium	Tritium	Uranium 233 and 234	Uranium 235	Uranium 238
		Units:	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L	PCI/L	PCI/L	pCi/L	PCI/L	pCi/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L
		MCL:	15.0	50.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0	5.0	8.0	NA	20,000	NA	20.0	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M021-C	2003 04 (Winter)		< 6.1	71.4 J	< 19.9	< 36.2	< 8.9	< 5.1	-	< 334	< 7.3	< 9.4	< 114	< 554	< 69.9	< 4.8	< 104	< 0.030	< 1.1	< 0.63	0.58	< 193	< 0.020	< 0.030	< 0.020
	2003 02 (Summer)		< 15.3	95.4	< 65.2	< 141	114	-	-	< 550	< 22.4	< 28.8	< 260	< 2,160	< 264	< 28.5	< 250	< 19.7	< 3.5	< 2.3	< 1.3	< 210	-	< 19.7	-
	2002 04 (Winter)		< 10.3 UJ	76.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 1.5	-	-	-	-
	2002 02 (Summer)		< 2.0	257	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.11	-	-	-	-
M023-B	2004 04 (Winter)		< 3.0	72.2 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.6 J	-	1.1	< 500	-	-	-
	2004 02 (Summer)		< 3.0	49.0	< 20.0	< 50.0	< 10.0	< 5.0	< 5.0	< 750	< 15.0	< 10.0	< 109	-	-	< 10.0	< 250	< 50.0	< 20.0	< 5.0	0.88	< 500	< 0.50	< 50.0	< 0.50
	2003 04 (Winter)		< 16.1	85.8 J	< 33.0	< 181	< 28.0	-	-	< 177	< 18.8	< 43.6	353	< 1,310	< 271	< 42.7	< 164	< 0.28	< 3.7	< 1.8	< 1.2	< 178	< 0.28	< 0.28	< 0.16
	2003 02 (Summer)		< 13.2	103	< 63.4	< 176	< 27.9	-	-	< 785	< 29.4	< 18.8	533	< 1,420	< 155	< 52.1	< 68.4	< 68.9	< 2.8	< 1.9	< 1.1	< 174	-	< 68.9	-
	2002 04 (Winter)		< 17.6 UJ	113	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	-	-	-	-
	2002 02 (Summer)		< 0.56	144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.89	-	-	-	-
M023-C	2004 04 (Winter)		< 3.0	53.4 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.9 J	-	1.3	< 500	-	-	-
	2004 02 (Summer)		< 23.0	< 63.0	< 48.0	< 135	< 26.0 UJ	< 9.2	< 11.3	-	< 14.4	< 21.0 UJ	< 170	-	-	< 12.1	< 159	< 0.20	< 1.0	< 0.53 UJ	1.1	< 380	< 0.20	< 0.20	< 0.20
	2003 04 (Winter)		< 15.3	84.7 J	< 34.6	< 219	< 29.0	-	-	< 276	< 8.6	40.5	< 227	< 1,480	< 319	30.4	< 12.0	< 0.17	< 3.8	< 1.9	< 1.7	< 176	< 0.17	< 0.17	< 0.17
	2003 02 (Summer)		< 13.2	101	< 54.3	< 198	< 36.4	-	-	< 666	< 33.1	< 19.8	603	< 1,100	< 168	< 56.8	< 93.6	< 112	< 3.7	< 1.6	< 2.0	< 175	-	< 112	-
	2002 04 (Winter)		< 15.0 UJ	98.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.2	-	-	-	-
	2002 02 (Summer)		3.1	71.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.64	-	-	-	-
M036-B	2004 04 (Winter)		< 3.0 UJ	63.1 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	1.0	< 500	-	-	-
	2004 02 (Summer)		< 14.4	102	< 49.0	< 128	< 25.0 UJ	< 9.1	< 9.9	-	< 13.4	< 15.5 UJ	< 152	-	-	< 7.6	< 139	< 0.20	< 1.5	< 0.61	0.71	< 380	< 0.22	< 0.20	< 0.20
	2003 04 (Winter)		< 18.0	90.2 J	< 63.8	< 178	< 28.0	-	-	< 225	< 16.6	< 15.1	< 175	< 1,700	< 263	< 38.4	< 283	< 0.13	< 5.1	< 1.6	< 1.1	< 182	< 0.26	< 0.13	< 0.29
	2003 02 (Summer)		< 20.4	106	< 3.7	< 167	< 0.51	-	-	< 111	< 18.5	< 32.3	< 47.4	< 230	< 219	< 4.9	< 144	< 114	< 3.5	< 2.0	1.7	< 164	-	< 114	-
	2002 04 (Winter)		< 16.6	102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3	-	-	-	-
	2002 02 (Summer)		< 0.14	65.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.050	-	-	-	-
M037-B	2004 02 (Summer)		< 8.8	53.0	< 40.0	< 121	< 24.0 UJ	< 7.8	< 11.6	-	< 13.7	< 22.0 UJ	< 134	-	-	< 8.6	< 129	< 0.20	1.9	< 0.66	1.5	< 380	< 0.20	< 0.20	< 0.20
	2003 04 (Winter)		< 12.7	53.7 J	< 55.2	< 123	< 32.0	-	-	< 179	< 17.0	< 36.9	< 37.0	< 2,070	< 190	46.8	< 117	< 0.28	< 5.0	< 1.6	< 2.2	< 179	< 0.28	< 0.28	< 0.16
	2003 02 (Summer)		< 12.2	47.5	< 26.9	< 149	< 23.4	-	-	< 164	< 7.0	< 22.1	< 61.9	< 224	< 379	< 4.5	< 258	< 57.0	< 3.4	< 1.8	1.9	< 233	-	< 57.0	-
	2002 04 (Winter)		< 10.7	67.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	-	-	-	-
	2002 02 (Summer)		1.1	102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.26	-	-	-	-
M038-B	2004 04 (Winter)		< 3.0	96.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	1.3	< 500	-	-	-
	2004 02 (Summer)		< 43.0	168	< 42.0	< 119	< 23.0 UJ	< 8.2	< 10.3	-	< 15.2	< 14.2 UJ	< 210	-	-	< 12.9	< 143	< 0.20	2.8	< 0.66 UJ	0.95	< 380	4.3	< 0.20	3.2
	2003 04 (Winter)		< 43.2	207	< 67.9	< 150	< 43.3	-	-	< 154	< 26.0	< 29.8	< 339	< 1,830	< 224	< 59.2	< 143	< 0.40	< 3.6	< 2.6	1.7	< 185	5.7	< 0.40	3.5
	2003 02 (Summer)		< 60.1	169	< 4.4	< 72.6	< 7.9	-	-	< 105	< 13.0	< 48.2	< 29.9	< 658	< 418	< 24.6	< 255	< 82.1	< 4.3	< 1.7	2.1	< 169	-	< 82.1	-
	2002 04 (Winter)		< 58.7 UJ	279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	-	-	-	-
	2002 02 (Summer)		11.0	127	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.57	-	-	-	-
M039-B	2004 04 (Winter)		52.0 J	127 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.9	-	1.1	< 500	-	-	-
	2004 02 (Summer)		< 43.0	< 109	< 37.0	< 116	< 23.0 UJ	< 7.8	< 8.1	-	< 10.6	< 20.0 UJ	< 115	-	-	< 7.0	< 128	< 56.0	2.1	< 0.53 UJ	0.70	< 380	9.8	< 56.0	7.1
	2003 04 (Winter)		< 62.4	110 J	< 54.7	< 123	< 29.0	-	-	< 161	< 22.4	35.0	< 185	< 2,090	< 138	48.7	< 196	< 0.29	< 5.6	< 1.8	< 0.84	< 174	9.2	< 0.29	6.7
	2003 02 (Summer)		< 56.3	161	< 1.2	< 11.7	< 5.0	-	-	< 124	< 19.9	< 45.1	< 104	< 957	< 323	< 32.9	< 318	< 88.0	< 4.6	< 1.6	1.2	< 168	-	< 88.0	-
	2002 04 (Winter)		< 63.1	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.97	-	-	-	-

SWBZ

Table 2-9
Groundwater Sample Analytical Results at IR Site 2: Radionuclides
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Gross Alpha/Beta		Gamma Emitting Radionuclides														Ra 228	RAD Sr	Radium	Tritium	Uranium Isotopes		
			Gross Alpha	Gross Beta	Actinium 228	Bismuth 212	Bismuth 214	Cesium 137	Cobalt 60	Lead 210	Lead 212	Lead 214	Potassium 40	Protactinium 234	Radium 226	Thallium 208	Thorium 234	Uranium 235	Radium (Ra) 228	Strontium (Sr) Total	Radium	Tritium	Uranium 233 and 234	Uranium 235	Uranium 238
		Units:	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L	PCI/L	PCI/L	pCi/L	PCI/L	pCi/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	pCi/L
		MCL:	15.0	50.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0	5.0	8.0	NA	20,000	NA	20.0	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WB	M039-B	2002 02 (Summer)	18.6	< 4.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.89	-	-	-	-

Table 2-10

Soil Gas Analytical Results at IR Site 2: Volatile Organic Compounds

Fall 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

Innovative Technical Solutions, Inc.

Table 2-10
Soil Gas Analytical Results at IR Site 2: Volatile Organic Compounds
Fall 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Commonly Detected Aromatic Compounds							Commonly Detected Chlorinated Hydrocarbons									Remaining VOCs							
			Benzene	Toluene	Ethylbenzene	M,P-xylenes	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	Tetrachloroethene (PCE)	Trichloroethene (TCE)	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride	Acetone	Bromodichloromethane	Bromoform	Bromomethane	Carbon Tetrachloride	Chloroethane	Chloroform	Chloromethane
		Units:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VADOSE	MG2-01-D	2004 04 (Winter)	< 0.73	< 0.73	< 0.73	< 0.73	< 7.3	< 0.73	< 0.73	< 0.73	< 0.73	< 0.73	< 0.73	< 0.73	< 0.73	< 0.73	< 0.73	< 0.73	61.0	< 0.73	< 0.73	< 0.73	< 0.73	< 0.73	< 0.73	< 2.9
		2004 02 (Summer)	1.8	2.3	0.28	1.5	0.20 J	< 1.0	< 0.20	0.23	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 3.6	0.096 J	< 0.20	< 0.20	0.090 J	< 0.40	1.3	< 0.40
		2004 01 (Spring)	0.38	0.69	0.16 J	0.84	0.88	< 1.0	< 0.20	0.14 J	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	19.0	< 0.20	< 0.20	< 0.20	0.12 J	< 0.40	0.13 J	0.35 J
		2003 04 (Winter)	2.1	5.6	1.0	5.7	1.0	< 1.0 UJ	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	2.5 J	< 0.20	< 0.20	< 0.20	0.091 J	0.19 J	0.40	< 0.40
		2003 03 (Fall)	2.0	< 1.0	< 1.0	< 1.0	90.0	< 1.0	2.4	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	5.4	< 1.0
		2003 02 (Summer)	1.0	1.0	< 1.0	2.0	84.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0
		2003 01 (Spring)	1.0	< 1.4	< 0.91	< 2.3	2.3 J	< 4.5	3.7	< 0.91	< 0.91	< 0.91	< 0.91	< 0.91	< 0.91	< 0.91	< 0.91	< 0.91 UJ	1.3 J	< 0.91	< 0.91	< 0.91	< 0.91	< 1.8	< 0.91	< 1.8
		2002 03 (Fall)	1.4	0.98	0.67	2.0	0.37 J	0.27 J	< 0.20	0.23	< 0.20	< 0.20	0.11 J	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	12.0	< 0.20	< 0.20	< 0.20	0.081 J	0.56	< 0.20	< 0.40
	MG2-01-S	2004 04 (Winter)	< 0.79	< 0.79	< 0.79	< 0.79	< 7.9	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	8.7	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	< 3.2
		2004 02 (Summer)	3.9	9.8	1.5	8.5	0.22 J	< 1.0	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	6.6	< 0.20	< 0.20	< 0.20	0.10 J	< 0.40	0.25	0.25 J
		2004 01 (Spring)	0.34	0.62	0.13 J	0.76	0.84	< 1.0	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 1.9	< 0.20	< 0.20	< 0.20	0.11 J	< 0.40	0.12 J	0.41
		2003 04 (Winter)	0.87	2.1	0.49	2.9	0.82	< 1.0 UJ	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	0.085 J	0.53 J	< 0.20	< 0.20	< 0.20	0.091 J	0.37 J	0.61	< 0.40
		2003 03 (Fall)	< 1.0	< 1.0	< 1.0	< 1.0	20.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		2003 02 (Summer)	< 1.0	2.0	< 1.0	5.0	70.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	6.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		2003 01 (Spring)	1.1	0.45 J	< 0.90	< 2.2	3.6 J	< 4.5	6.9	< 0.90	< 0.90	< 0.90	< 0.90	< 0.90	< 0.90	< 0.90	< 0.90	< 0.90 UJ	1.6 J	< 0.90	< 0.90	< 0.90	< 0.90	< 1.8	< 0.90	< 1.8
		2002 04 (Winter)	0.34 J	0.26 J	< 0.41	< 1.0	3.3	0.26 J	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 1.7	< 0.41	< 0.41	< 0.41	< 0.41	< 0.83	< 0.41	0.26 J
		2002 03 (Fall)	0.43	0.31	0.15 J	0.76	0.11 J	< 1.0	< 0.20	0.13 J	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	2.6	< 0.20	< 0.20	< 0.20	0.096 J	< 0.40	0.10 J	< 0.40
	MG2-02-D	2004 04 (Winter)	450	16.0	< 5.4	10.0	< 54.0	< 5.4	900	< 5.4	< 5.4	< 5.4	6.4	< 5.4	< 5.4	< 5.4	< 5.4	11.0	< 22.0	< 5.4	< 5.4	< 5.4	< 5.4	5.7	< 5.4	< 22.0
		2004 02 (Summer)	520	21.0	7.5 J	23.0	< 45.0	< 18.0	940	< 18.0	< 18.0	< 18.0	< 18.0	< 18.0	< 18.0	< 18.0	< 18.0	< 18.0	< 91.0	< 18.0	< 18.0	< 18.0	< 18.0	10.0 J	< 18.0	< 36.0
		2003 04 (Winter)	350	18.0	6.7	23.0	< 5.0	< 2.0	730	< 2.0	1.3 J	< 2.0	6.5	0.84 J	< 2.0	< 2.0	< 2.0	7.2	7.3 J	< 2.0	< 2.0	< 2.0	< 2.0	7.0	< 2.0	< 4.0
		2003 03 (Fall)	262	54.0	< 20.0	< 20.0	< 100	< 20.0	554	< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 100	< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 20.0
		2003 02 (Summer)	313	35.0	< 29.0	< 29.0	115 J	< 29.0	679	< 29.0	< 29.0	< 29.0	< 29.0	< 29.0	< 29.0	< 29.0	< 29.0	< 29.0	< 140	< 29.0	< 29.0	< 29.0	< 29.0	< 29.0	< 29.0	< 29.0
		2003 01 (Spring)	440	29.0	6.2	26.0	3.0 J	< 5.4	640	< 5.4	< 5.4	< 5.4	3.4 J	< 5.4	< 5.4	< 5.4	< 5.4	14.0	< 27.0	< 5.4	< 5.4	< 5.4	< 5.4	< 11.0	< 5.4	< 11.0
		2002 03 (Fall)	630	27.0	12.0	67.0	4.5 J	< 6.2	1,200	< 6.2	< 6.2	< 6.2	6.2	< 6.2	< 6.2	< 6.2	< 6.2	6.5	9.1 J	< 6.2	< 6.2	< 6.2	< 6.2	17.0	< 6.2	< 12.0
	MG2-02-M	2004 04 (Winter)	460	19.0	< 5.6	15.0	< 56.0	< 5.6	800	< 5.6	< 5.6	< 5.6	< 5.6	< 5.6	< 5.6	< 5.6	< 5.6	12.0	< 22.0	< 5.6	< 5.6	< 5.6	< 5.6	6.0	< 5.6	< 22.0
		2004 02 (Summer)	430	29.0	8.2 J	36.0	< 41.0	< 17.0	890	< 17.0	< 17.0	< 17.0	< 17.0	< 17.0	< 17.0	< 17.0	< 17.0	< 17.0	40.0 J	< 17.0	< 17.0	< 17.0	< 17.0	11.0 J	< 17.0	< 33.0
		2004 01 (Spring)	490	82.0	11.0	61.0	2.4 J	< 11.0	810	< 2.2	1.0 J	< 2.2	5.0	0.79 J	< 2.2	< 2.2	< 2.2	23.0	12.0	< 2.2	< 2.2	1.0 J	< 2.2	13.0	< 2.2	< 4.3
		2003 04 (Winter)	300	21.0	6.8	27.0	2.3 J	< 2.0	630	< 2.0	0.80 J	< 2.0	4.2	0.85 J	< 2.0	< 2.0	< 2.0	6.5	50.0	< 2.0	< 2.0	< 2.0	< 2.0	8.0	< 2.0	< 4.0
		2003 03 (Fall)	301 J	55.0 J	5.6	< 4.0	< 20.0	< 4.0	797	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 20.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
		2003 02 (Summer)	378	42.0	< 22.0	< 22.0	150	< 22.0	649	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0	< 110	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0
		2003 01 (Spring)	420	43.0	7.0	31.0	7.2 J	< 4.9	650	2.6 J	4.0 J	< 4.9	3.4 J	< 4.9	< 4.9	< 4.9	< 4.9	14.0	< 25.0	< 4.9	< 4.9	< 4.9	< 4.9	< 9.8	< 4.9	< 9.8
		2002 04 (Winter)	420	40.0	9.6	44.0	6.9	< 11.0	680	< 2.1	0.99 J	< 2.1	5.6	0.78 J	0.75 J	< 2.1	< 2.1	20.0	< 9.6	< 2.1	< 2.1	< 2.1	< 2.1	22.0	< 2.1	< 4.2
		2002 03 (Fall)	380	26.0	11.0	50.0	10.0	< 3.9	850	< 3.9	< 3.9	< 3.9	2.9 J	< 3.9	< 3.9	< 3.9	< 3.9	< 3.9	24.0	< 3.9	< 3.9	< 3.9	< 3.9	6.5 J	< 3.9	< 7.8
	MG2-02-S	2004 04 (Winter)	< 0.72	4.2	< 0.72	< 0.72	< 7.2	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72	3.5	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72	< 2.9
		2004 02 (Summer)	4.3	1.5 J	< 1.9	5.7	1.5 J	< 9.4	48.0	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	10.0	< 1.9	< 1.9	< 1.9	< 1.9	< 3.8	1.1 J	< 3.8
		2004 01 (Spring)	18.0	13.0	2.1	7.5	0.51	< 1.0	21.0	0.46	0.23	< 0.20	0.44	0.087 J	0.46	< 0.20	< 0.20	3.3	150	< 0.20	< 0.20	< 0.20	< 0.20	1.5	< 0.20	0.59
		2003 04 (Winter)	3.5	0.74 J	< 2.0	< 2.0	0.55 J	< 2.0	23.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	4.8 J	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	2.6	< 4.0
		2003 03 (Fall)	8.9 J	< 4.0	< 4.0	< 4.0	43.0	< 4.0	78.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 20.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0

Table 2-10
Soil Gas Analytical Results at IR Site 2: Volatile Organic Compounds
Fall 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Commonly Detected Aromatic Compounds							Commonly Detected Chlorinated Hydrocarbons									Remaining VOCs							
			Benzene	Toluene	Ethylbenzene	M,P-xylenes	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	Tetrachloroethene (PCE)	Trichloroethene (TCE)	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride	Acetone	Bromodichloromethane	Bromoform	Bromomethane	Carbon Tetrachloride	Chloroethane	Chloroform	Chloromethane
		Units:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VADOSE	MG2-02-S	2003 02 (Summer)	< 4.0	< 4.0	< 4.0	< 4.0	215	< 4.0	6.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 21.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
		2003 01 (Spring)	3.5	0.56 J	< 0.96	1.5 J	5.4 J	< 4.8	< 0.96	< 0.96	< 0.96	< 0.96	< 0.96	< 0.96	< 0.96	< 0.96	< 0.96	0.38 J	5.6	< 0.96	< 0.96	< 0.96	< 0.96	< 1.9	0.31 J	< 1.9
		2002 04 (Winter)	8.5	2.2	0.60 J	3.0	3.3	< 5.2	5.7	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.5	17.0	< 1.0	< 1.0	< 1.0	< 1.0	2.3	0.71 J	< 2.1
		2002 03 (Fall)	74.0	6.0	2.9	10.0	1.3 J	< 2.0	150	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	6.4 J	< 2.0	< 2.0	< 2.0	< 2.0	1.3 J	< 2.0	< 4.0
	MG2-03-D	2004 04 (Winter)	1.2	28.0	0.87	1.5	< 8.0	< 0.80	3.8	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	32.0	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 3.2
		2004 02 (Summer)	3.7	5.8	2.7	6.6	2.2 J	< 9.3	35.0	< 1.9	< 1.9	< 1.9	0.60 J	< 1.9	0.60 J	< 1.9	< 1.9	< 1.9	12.0	< 1.9	< 1.9	< 1.9	< 1.9	< 3.7	< 1.9	< 3.7
		2004 01 (Spring)	6.3	3.6	1.6 J	2.8	1.7 J	< 2.0	13.0	< 2.0	0.93 J	< 2.0	< 2.0	< 2.0	0.69 J	< 2.0	< 2.0	< 2.0	5.7 J	< 2.0	< 2.0	< 2.0 UJ	< 2.0	< 4.0	< 2.0	< 4.0
		2003 04 (Winter)	4.5	2.6	1.5 J	4.0	1.3 J	< 2.0	18.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	5.5 J	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 4.0
		2003 03 (Fall)	< 4.0	< 4.0	< 4.0	< 4.0	< 20.0	< 4.0	43.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 20.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
		2003 02 (Summer)	< 31.0	< 31.0	< 31.0	< 31.0	163	< 31.0	82.0	< 31.0	< 31.0	< 31.0	< 31.0	< 31.0	< 31.0	< 31.0	< 31.0	< 31.0	< 150	< 31.0	< 31.0	< 31.0	< 31.0	< 31.0	< 31.0	< 31.0
		2003 01 (Spring)	2.6 J	4.3 J	1.8 J	3.0 J	180	< 5.4	17.0	< 5.4	< 5.4	< 5.4	< 5.4	< 5.4	< 5.4	< 5.4	< 5.4	< 5.4	7.3 J	< 5.4	< 5.4	< 5.4	< 5.4	< 11.0	< 5.4	< 11.0
		2002 04 (Winter)	12.0	6.6	2.8	6.1	4.3	< 8.5	23.0	< 1.7	< 1.7	< 1.7	0.83 J	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 6.8	< 1.7	< 1.7	< 1.7	< 1.7	< 3.4	< 1.7	< 3.4
		2002 03 (Fall)	3.2 J	4.7	5.0	4.9	4.3 J	0.96 J	15.0	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	7.2 J	< 3.6	< 3.6	< 3.6	< 3.6	< 7.2	< 3.6	< 7.2
	MG2-03-M	2004 04 (Winter)	< 0.79	< 0.79	< 0.79	< 0.79	< 7.9	< 0.79	< 0.79	3.8	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	3.1	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	3.8	< 3.2
		2004 02 (Summer)	1.6	1.3 J	0.47 J	3.7	3.1	< 4.7	10.0	2.9	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	6.2	< 0.95	< 0.95	< 0.95	< 0.95	< 1.9	0.59 J	0.83 J
		2004 01 (Spring)	2.8	4.8	1.3 J	< 2.0	1.1 J	< 2.0	3.4	2.3	0.84 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	7.9 J	< 2.0	< 2.0	< 2.0 UJ	< 2.0	< 4.0	< 2.0	< 4.0
		2003 04 (Winter)	0.82 J	0.63 J	< 2.0	< 2.0	0.96 J	< 2.0	6.2	1.9 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	4.8 J	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 4.0
		2003 03 (Fall)	< 4.0	< 4.0	< 4.0	< 4.0	21.0	< 4.0	17.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 20.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
		2003 02 (Summer)	< 29.0	< 29.0	< 29.0	< 29.0	174	< 29.0	130	< 29.0	< 29.0	< 29.0	< 29.0	< 29.0	< 29.0	< 29.0	< 29.0	< 29.0	< 140	< 29.0	< 29.0	< 29.0	< 29.0	< 29.0	< 29.0	< 29.0
		2003 01 (Spring)	< 2.0	1.2 J	0.59 J	1.1 J	190	< 2.0	2.9	2.3	1.0 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	12.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 4.0
		2002 04 (Winter)	2.0	3.6	0.85	1.4	2.9	< 2.9	6.6	4.1	< 0.57	< 0.57	< 0.57	< 0.57	< 0.57	< 0.57	< 0.57	0.43 J	16.0	< 0.57	< 0.57	< 0.57	< 0.57	< 1.1	< 0.57	< 1.1
		2002 03 (Fall)	< 2.0	0.92 J	1.2 J	0.99 J	0.89 J	< 2.0	3.3	4.5	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	9.5 J	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 4.0
	MG2-03-S	2004 04 (Winter)	6.0	< 0.78	1.7	6.5	< 7.8	< 0.78	< 0.78	1.4	< 0.78	< 0.78	< 0.78	< 0.78	< 0.78	< 0.78	< 0.78	< 0.78	10.0	< 0.78	< 0.78	< 0.78	< 0.78	< 0.78	< 0.78	< 3.1
		2004 02 (Summer)	2.0	0.99	0.40 J	2.6	1.6	< 2.4	5.7	2.5	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	10.0	< 0.49	< 0.49	< 0.49	< 0.49	< 0.98	0.44 J	0.36 J
		2004 01 (Spring)	2.1	3.3	0.78	1.5	1.2	< 1.0	2.7	1.6	0.46	< 0.20	0.11 J	< 0.20	< 0.20	< 0.20	< 0.20	0.33	3.8	< 0.20	< 0.20	< 0.20	0.096 J	0.39 J	0.81	0.24 J
		2003 04 (Winter)	0.80 J	< 2.0	< 2.0	< 2.0	0.65 J	< 2.0	4.4	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	4.9 J	< 2.0	< 2.0	< 2.0	< 2.0 UJ	< 4.0	< 2.0	< 4.0
		2003 03 (Fall)	< 4.0	< 4.0	< 4.0	< 4.0	38.0	< 4.0	11.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 20.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
		2003 02 (Summer)	< 21.0	< 21.0	< 21.0	< 21.0	99.0 J	< 21.0	229	< 21.0	< 21.0	< 21.0	< 21.0	< 21.0	< 21.0	< 21.0	< 21.0	< 21.0	< 110	< 21.0	< 21.0	< 21.0	< 21.0	< 21.0	< 21.0	< 21.0
		2003 01 (Spring)	< 2.0	< 2.0	< 2.0	< 2.0	240	< 2.0	2.8	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	3.4 J	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 4.0
		2002 04 (Winter)	0.84	1.8	0.22	0.95	3.7	0.15 J	4.8	1.0	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	0.12 J	1.5	< 0.20	< 0.20	< 0.20	< 0.20	< 0.40	< 0.20	0.15 J
		2002 03 (Fall)	0.42	0.39	0.15 J	0.91	2.6 J	< 1.0	5.0	1.5	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	3.4	< 0.20	< 0.20	< 0.20	0.095 J	< 0.40	0.27	0.36 J
	MG2-04-D	2004 04 (Winter)	14.0	10.0	6.0	18.0	220	< 1.6	420	< 1.6	< 1.6	< 1.6	2.3	< 1.6	< 1.6	< 1.6	< 1.6	4.3	11.0	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 6.2
		2004 02 (Summer)	18.0	41.0	60.0	170	1,900	< 7.8	640	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	9.9 J	< 7.8	< 7.8	< 7.8	< 7.8	< 16.0	< 7.8	< 16.0
		2003 04 (Winter)	14.0	29.0	42.0	120	1,800	< 2.0	450	< 2.0	< 2.0	< 2.0	2.5	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	9.5 J	< 2.0	< 2.0	< 2.0	< 2.0 UJ	< 4.0	< 2.0	< 4.0
		2003 03 (Fall)	26.0	87.0	47.0 J	122 J	< 20.0	< 4.0	473 J	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 20.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
		2003 02 (Summer)	< 42.0	76.0	77.0	226	141 J	< 42.0	551	< 42.0	< 42.0	< 42.0	< 42.0	< 42.0	< 42.0	< 42.0	< 42.0	< 42.0	< 210	< 42.0	< 42.0	< 42.0	< 42.0	< 42.0	< 42.0	< 42.0
		2003 01 (Spring)	16.0	67.0	97.0	260	5,000	< 5.3	470	< 5.3	< 5.3	< 5.3	< 5.3	< 5.3	< 5.3	< 5.3	< 5.3	< 5.3	23.0 J	< 5.3	< 5.3	< 5.3	< 5.3	< 11.0	< 5.3	< 11.0
		2002 03 (Fall)	33.0	480	480	1,200	6,400 J	< 18.0	800	< 18.0	< 18.0	< 18.0	< 18.0	< 18.0	< 18.0	< 18.0	< 18.0	< 18.0	95.0	< 18.0	< 18.0	< 18.0	< 18.0	< 36.0	< 18.0	< 36.0

Table 2-10
Soil Gas Analytical Results at IR Site 2: Volatile Organic Compounds
Fall 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Commonly Detected Aromatic Compounds							Commonly Detected Chlorinated Hydrocarbons									Remaining VOCs							
			Benzene	Toluene	Ethylbenzene	M,P-xylenes	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	Tetrachloroethene (PCE)	Trichloroethene (TCE)	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride	Acetone	Bromodichloromethane	Bromoform	Bromomethane	Carbon Tetrachloride	Chloroethane	Chloroform	Chloromethane
		Units:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VADOSE	MG2-04-M	2004 04 (Winter)	< 0.68	< 0.68	< 0.68	< 0.68	< 6.8	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	5.4	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	0.76	< 2.7
		2004 02 (Summer)	17.0	19.0	14.0	49.0	720	< 6.6	610	< 6.6	< 6.6	< 6.6	3.0 J	< 6.6	< 6.6	< 6.6	< 6.6	< 6.6	21.0 J	< 6.6	< 6.6	< 6.6	< 6.6	< 13.0	< 6.6	< 13.0
		2004 01 (Spring)	22.0	17.0	9.2	41.0	< 4.8	< 9.7	400	< 1.9	< 1.9	< 1.9	2.7	< 1.9	< 1.9	< 1.9	< 1.9	3.7	6.7 J	< 1.9	< 1.9	< 1.9	< 1.9	< 3.9	< 1.9	< 3.9
		2003 04 (Winter)	15.0	12.0	11.0	45.0	510	< 2.0	420	< 2.0	< 2.0	< 2.0	2.4	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	22.0	< 2.0	< 2.0	< 2.0	< 2.0 UJ	< 4.0	< 2.0	< 4.0
		2003 03 (Fall)	27.0 J	27.0 J	11.0	37.0	< 20.0	< 4.0	481	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 20.0 J	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
		2003 02 (Summer)	< 25.0	30.0	< 25.0	48.0	107 J	< 25.0	583	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0	< 125	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0
		2003 01 (Spring)	20.0	24.0	21.0	65.0	1,300	< 7.3	460	< 7.3	< 7.3	< 7.3	< 7.3	< 7.3	< 7.3	< 7.3	< 7.3	< 7.3	7.8 J	< 7.3	< 7.3	< 7.3	< 7.3	< 15.0	< 7.3	< 15.0
		2002 04 (Winter)	29.0	12.0	16.0	64.0	670	< 6.7	490	< 6.7	< 6.7	< 6.7	< 6.7	< 6.7	< 6.7	< 6.7	< 6.7	< 6.7	< 34.0	< 6.7	< 6.7	< 6.7	< 6.7	< 13.0	< 6.7	< 13.0 UJ
		2002 03 (Fall)	24.0	91.0	74.0	190	3,900	< 18.0	610	< 18.0	< 18.0	< 18.0	< 18.0	< 18.0	< 18.0	< 18.0	< 18.0	< 18.0	29.0 J	< 18.0	< 18.0	< 18.0	< 18.0	< 36.0	< 18.0	< 36.0
	MG2-04-S	2004 04 (Winter)	< 26.0	41.0	56.0	100	4,500	< 26.0	570	< 26.0	< 26.0	< 26.0	< 26.0	< 26.0	< 26.0	< 26.0	< 26.0	< 26.0	< 100	< 26.0	< 26.0	< 26.0	< 26.0	< 26.0	< 26.0	< 100
		2004 02 (Summer)	5.3	6.6	3.1	13.0	190	< 4.9	36.0	< 0.98	< 0.98	< 0.98	< 0.98	< 0.98	< 0.98	< 0.98	< 0.98	< 0.98	9.6	< 0.98	< 0.98	< 0.98	< 0.98	< 2.0	< 0.98	2.4
		2004 01 (Spring)	1.3	1.8	0.72	2.9	6.7	< 1.0	9.7	0.27	0.094 J	< 0.20	0.11 J	< 0.20	< 0.20	< 0.20	< 0.20	0.22	12.0	< 0.20	< 0.20	< 0.20	< 0.20	< 0.40	0.42	1.4
		2003 04 (Winter)	< 2.0	2.1	1.1 J	5.0	350	< 2.0	23.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	6.9 J	< 2.0	< 2.0	< 2.0	< 2.0 UJ	< 4.0	< 2.0	< 4.0
		2003 03 (Fall)	< 40.0	< 40.0	< 40.0	< 40.0	883	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 200	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0
		2003 02 (Summer)	< 25.0	< 25.0	< 25.0	< 25.0	120 J	< 25.0	26.0	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0	< 125	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0
		2003 01 (Spring)	1.1	< 1.5	< 1.0	< 2.6	4.3 J	< 5.1	6.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	2.8 J	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 2.0 UJ	< 1.0	< 2.0
		2002 04 (Winter)	2.7	4.4	0.74 J	3.7	3.3	0.51 J	7.9	< 0.93	< 0.93	< 0.93	< 0.93	< 0.93	< 0.93	< 0.93	< 0.93	< 0.93	3.8	< 0.93	< 0.93	< 0.93	< 0.93	< 1.9	< 0.93	< 1.9
		2002 03 (Fall)	< 2.0	0.80 J	< 2.0	< 2.0	18.0 J	< 2.0	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	3.8 J	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 4.0
	MG2-05-D	2004 04 (Winter)	< 0.68	< 0.68	< 0.68	< 0.68	26.0	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 2.7	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 2.7
		2004 02 (Summer)	16.0	3.1	1.5 J	6.2	300	< 10.0	180	1.3 J	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	17.0	< 2.1	< 2.1	< 2.1	< 2.1	< 4.2	< 2.1	< 4.2
		2003 04 (Winter)	< 2.0	2.3	0.72 J	3.2	110	< 2.0	3.2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	9.8 J	< 2.0	< 2.0	< 2.0	< 2.0 UJ	< 4.0	< 2.0	< 4.0
		2003 03 (Fall)	< 40.0	< 40.0	< 40.0	< 40.0	510	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 200	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0
		2003 02 (Summer)	< 22.0	< 22.0	< 22.0	< 22.0	447	< 22.0	56.0	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0	< 110	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0
		2003 01 (Spring)	4.3	< 2.0	< 2.0	< 2.0	140	< 2.0	29.0	0.61 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	2.4 J	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 4.0
		2002 03 (Fall)	36.0	< 7.2	2.6 J	5.0 J	1,100	< 7.2	830	< 7.2	< 7.2	< 7.2	< 7.2	< 7.2	< 7.2	< 7.2	< 7.2	< 7.2	< 36.0	< 7.2	< 7.2	< 7.2	< 7.2	< 14.0	< 7.2	< 14.0
	MG2-05-S	2004 04 (Winter)	< 0.74	< 0.74	< 0.74	< 0.74	< 7.4	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	6.8	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 3.0
		2004 02 (Summer)	3.4	0.61 J	< 2.0	< 2.0	380	< 2.0	16.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	9.5 J	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 4.0
		2004 01 (Spring)	0.61	0.67	0.14 J	0.92	7.5	< 1.0	1.3	0.14 J	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	9.0	< 0.20	< 0.20	< 0.20	0.13 J	< 0.40	0.078 J	0.83
		2003 04 (Winter)	< 2.0	1.1 J	< 2.0	< 2.0	80.0	< 2.0	1.6 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	3.4 J	< 2.0	< 2.0	< 2.0	< 2.0 UJ	< 4.0	< 2.0	< 4.0
		2003 03 (Fall)	< 40.0	< 40.0	< 40.0	< 40.0	839	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 200	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0
		2003 02 (Summer)	< 24.0	< 24.0	< 24.0	55.0	398	< 24.0	126	< 24.0	< 24.0	< 24.0	< 24.0	< 24.0	< 24.0	< 24.0	< 24.0	< 24.0	< 120	< 24.0	< 24.0	< 24.0	< 24.0	< 24.0	< 24.0	< 24.0
		2003 01 (Spring)	< 2.0	< 2.0	< 2.0	< 2.0	170	< 2.0	2.2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	5.7 J	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	1.4 J
		2002 04 (Winter)	0.36 J	1.8	0.38 J	2.1	50.0	< 2.2	5.8	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	3.6	< 0.43	< 0.43	< 0.43	< 0.43	< 0.86	0.46	< 0.86
		2002 03 (Fall)	< 3.5	1.5 J	1.9 J	6.2	1,100	< 3.5	6.8	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	6.3 J	< 3.5	< 3.5	< 3.5	< 3.5	< 7.0	< 3.5	< 7.0

Table 2-10
Soil Gas Analytical Results at IR Site 2: Volatile Organic Compounds
Fall 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Remaining VOCs												
			Dibromochloromethane	Isopropylbenzene (Cumene)	Methylene Chloride	Styrene	Vinyl Acetate	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,2-Dichloropropane	2-Butanone (MEK)	2-Hexanone	4-Methyl-2-pentanone (MIBK)	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene
		Units:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VADOSE	MG2-01-D	2004 04 (Winter)	< 0.73	-	< 0.73	< 0.73		< 0.73	< 0.73	< 0.73	< 0.73	< 2.9	< 0.73	< 0.73	< 0.73
		2004 02 (Summer)	< 0.20	< 0.40	< 0.20	< 0.20	< 1.0	< 0.20	< 0.20	< 0.20	**0.77 J**	< 0.40	< 0.40	< 0.20	< 0.20
		2004 01 (Spring)	< 0.20	**0.23 J**	**0.25**	**0.063 J**	< 1.0	< 0.20	< 0.20	< 0.20	**5.6**	< 0.40	**0.27 J**	< 0.20	< 0.20
		2003 04 (Winter)	< 0.20	< 0.40	**0.099 J**	**0.35 J**	< 1.0	< 0.20	< 0.20	< 0.20	**0.60 J**	< 0.40	< 0.40	< 0.20	< 0.20
		2003 03 (Fall)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0
		2003 02 (Summer)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0
		2003 01 (Spring)	< 0.91	**0.73 J**	< 0.91	< 0.91	< 4.5	< 0.91	< 0.91	< 0.91	< 4.5	< 1.8	< 1.8	< 0.91	< 0.91
		2002 03 (Fall)	< 0.20	**2.2**	**0.16 J**	< 0.20	< 1.0 UJ	< 0.20 UJ	< 0.20	< 0.20	**1.1**	< 0.40	< 0.40	< 0.20	< 0.20
	MG2-01-S	2004 04 (Winter)	< 0.79	-	< 0.79	< 0.79		< 0.79	< 0.79	< 0.79	< 0.79	< 3.2	< 0.79	< 0.79	< 0.79
		2004 02 (Summer)	< 0.20	**0.051 J**	< 0.20	**0.25 J**	< 1.0	< 0.20	< 0.20	< 0.20	**1.0**	< 0.40	< 0.40	< 0.20	< 0.20
		2004 01 (Spring)	< 0.20	**0.30 J**	**0.25**	< 0.20	< 1.0	< 0.20	< 0.20	< 0.20	**0.38 J**	< 0.40	< 0.40	< 0.20	< 0.20
		2003 04 (Winter)	< 0.20	< 0.40	< 0.20	**0.15 J**	< 1.0	< 0.20	< 0.20	< 0.20	< 1.0	< 0.40	< 0.40	< 0.20	< 0.20
		2003 03 (Fall)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0
		2003 02 (Summer)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 6.0	< 6.0	< 6.0	< 1.0	< 1.0
		2003 01 (Spring)	< 0.90	**0.73 J**	< 0.90	< 0.90	< 4.5	< 0.90	< 0.90	< 0.90	< 4.5	< 1.8	< 1.8	< 0.90	< 0.90
		2002 04 (Winter)	< 0.41	**0.17 J**	< 0.41	< 0.41	< 2.1	< 0.41	< 0.41	< 0.41	< 2.1	< 0.83 UJ	< 0.83	< 0.41	< 0.41
		2002 03 (Fall)	< 0.20	**0.56**	**0.13 J**	< 0.20	< 1.0 UJ	< 0.20 UJ	< 0.20	< 0.20	**0.38 J**	< 0.40	< 0.40	< 0.20	< 0.20
	MG2-02-D	2004 04 (Winter)	< 5.4	-	< 5.4	< 5.4		< 5.4	< 5.4	< 5.4	< 5.4	< 22.0	< 5.4	< 5.4	< 5.4
		2004 02 (Summer)	< 18.0	**64.0**	< 18.0	< 18.0	< 91.0	< 18.0	< 18.0	< 18.0	< 91.0	< 91.0	< 91.0	< 18.0	< 18.0
		2003 04 (Winter)	< 2.0	**59.0**	**1.8 J**	< 2.0	< 10.0	< 2.0	< 2.0	< 2.0	< 10.0	< 10.0	< 10.0	< 2.0	< 2.0
		2003 03 (Fall)	< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 100	< 100	< 100	< 20.0	< 20.0
		2003 02 (Summer)	< 29.0	**59.0**	< 29.0	< 29.0	< 29.0 UJ	< 29.0	< 29.0	< 29.0	< 140	< 140	< 140	< 29.0	< 29.0
		2003 01 (Spring)	< 5.4	**47.0**	< 5.4	< 5.4	< 27.0	< 5.4	< 5.4	< 5.4	< 27.0	< 27.0	< 27.0	< 5.4	< 5.4
		2002 03 (Fall)	< 6.2	**81.0**	< 6.2	< 6.2	< 31.0	< 6.2	< 6.2	< 6.2	< 31.0	< 31.0	< 31.0	< 6.2	< 6.2
	MG2-02-M	2004 04 (Winter)	< 5.6	-	< 5.6	< 5.6		< 5.6	< 5.6	< 5.6	< 5.6	< 22.0	< 5.6	< 5.6	< 5.6
		2004 02 (Summer)	< 17.0	**74.0**	< 17.0	< 17.0	< 83.0	< 17.0	< 17.0	< 17.0	< 83.0	< 83.0	< 83.0	< 17.0	< 17.0
		2004 01 (Spring)	< 2.2	**77.0**	**2.0 J**	< 2.2	< 11.0	< 2.2	< 2.2	< 2.2	< 11.0	< 4.3	< 4.3	< 2.2	< 2.2
		2003 04 (Winter)	< 2.0	**59.0**	**2.3**	< 2.0	< 10.0	< 2.0	< 2.0	< 2.0	**12.0**	< 10.0	< 10.0	< 2.0	< 2.0
		2003 03 (Fall)	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 20.0	< 20.0	< 20.0	< 4.0	< 4.0
		2003 02 (Summer)	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0 UJ	< 22.0	< 22.0	< 22.0	< 110	< 110	< 110	< 22.0	< 22.0
		2003 01 (Spring)	< 4.9	**59.0**	< 4.9	< 4.9	< 25.0	< 4.9	< 4.9	< 4.9	< 25.0	< 25.0	< 25.0	< 4.9	< 4.9
		2002 04 (Winter)	< 2.1	**93.0 J**	**3.7**	< 2.1	< 11.0	< 2.1	< 2.1	< 2.1	< 11.0	< 4.2 UJ	< 4.2	< 2.1	< 2.1
		2002 03 (Fall)	< 3.9	**64.0**	< 3.9	**1.3 J**	< 20.0	< 3.9	< 3.9	< 3.9	**4.8 J**	< 20.0	< 20.0	< 3.9	< 3.9
	MG2-02-S	2004 04 (Winter)	< 0.72	-	< 0.72	< 0.72		< 0.72	< 0.72	< 0.72	< 0.72	< 2.9	< 0.72	< 0.72	< 0.72
		2004 02 (Summer)	< 1.9	**5.7**	< 1.9	< 1.9	< 9.4	< 1.9	< 1.9	< 1.9	< 9.4	< 3.8	< 3.8	< 1.9	< 1.9
		2004 01 (Spring)	< 0.20	**5.2**	< 0.20	< 0.20	< 1.0	< 0.20	< 0.20	< 0.20	**9.1**	< 0.40	< 0.40	< 0.20	< 0.20
		2003 04 (Winter)	< 2.0	**3.4**	< 2.0	< 2.0	< 10.0	< 2.0	< 2.0	< 2.0	< 10.0	< 10.0	< 10.0	< 2.0	< 2.0
		2003 03 (Fall)	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 20.0	< 20.0	< 20.0	< 4.0	< 4.0

Table 2-10
Soil Gas Analytical Results at IR Site 2: Volatile Organic Compounds
Fall 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Remaining VOCs												
			Dibromochloromethane	Isopropylbenzene (Cumene)	Methylene Chloride	Styrene	Vinyl Acetate	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,2-Dichloropropane	2-Butanone (MEK)	2-Hexanone	4-Methyl-2-pentanone (MIBK)	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene
		Units:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VADOSE	MG2-02-S	2003 02 (Summer)	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0 UJ	< 4.0	< 4.0	< 4.0	< 21.0	< 21.0	< 21.0	< 4.0	< 4.0
		2003 01 (Spring)	< 0.96	**1.4 J**	< 0.96	< 0.96	< 4.8	< 0.96	< 0.96	< 0.96	< 4.8	< 1.9	< 1.9	< 0.96	< 0.96
		2002 04 (Winter)	< 1.0	**3.0**	**4.8**	< 1.0	< 5.2	< 1.0	< 1.0	< 1.0	**1.6 J**	< 2.1	< 2.1	< 1.0	< 1.0
		2002 03 (Fall)	< 2.0	**13.0**	< 2.0	< 2.0	< 10.0	< 2.0	< 2.0	< 2.0	< 10.0	< 10.0	< 10.0	< 2.0	< 2.0
	MG2-03-D	2004 04 (Winter)	< 0.80	-	< 0.80	< 0.80		< 0.80	< 0.80	< 0.80	< 0.80	< 3.2	< 0.80	< 0.80	< 0.80
		2004 02 (Summer)	< 1.9	**12.0**	< 1.9	< 1.9	< 9.3	< 1.9	< 1.9	< 1.9	< 9.3	< 3.7	< 3.7	< 1.9	< 1.9
		2004 01 (Spring)	< 2.0	**6.4**	< 2.0	< 2.0	< 10.0	< 2.0	< 2.0	< 2.0	< 10.0	< 10.0	< 10.0	< 2.0	< 2.0
		2003 04 (Winter)	< 2.0	**8.0**	< 2.0	< 2.0	< 10.0	< 2.0	< 2.0	< 2.0	< 10.0	< 10.0	< 10.0	< 2.0	< 2.0
		2003 03 (Fall)	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 20.0	< 20.0	< 20.0	< 4.0	< 4.0
		2003 02 (Summer)	< 31.0	< 31.0	< 31.0	< 31.0	< 31.0 UJ	< 31.0	< 31.0	< 31.0	< 150	< 150	< 150	< 31.0	< 31.0
		2003 01 (Spring)	< 5.4	**8.7**	< 5.4	< 5.4	< 27.0	< 5.4	< 5.4	< 5.4	< 27.0	< 27.0	< 27.0	< 5.4	< 5.4
		2002 04 (Winter)	< 1.7	**15.0**	< 1.7	**1.3 J**	< 8.5	< 1.7	< 1.7	< 1.7	< 8.5	< 3.4 UJ	< 3.4	< 1.7	< 1.7
		2002 03 (Fall)	< 3.6	< 3.6	< 3.6	**3.1 J**	< 18.0	< 3.6	< 3.6	< 3.6	< 18.0	< 18.0	< 18.0	< 3.6	< 3.6
	MG2-03-M	2004 04 (Winter)	< 0.79	-	< 0.79	< 0.79		< 0.79	< 0.79	< 0.79	< 0.79	< 3.2	< 0.79	< 0.79	< 0.79
		2004 02 (Summer)	< 0.95	**2.2**	< 0.95	< 0.95	< 4.7	< 0.95	< 0.95	< 0.95	< 4.7	< 1.9	< 1.9	< 0.95	< 0.95
		2004 01 (Spring)	< 2.0	**1.4 J**	< 2.0	**0.60 J**	< 10.0	< 2.0	< 2.0	< 2.0	< 10.0	< 10.0	< 10.0	< 2.0	< 2.0
		2003 04 (Winter)	< 2.0	**1.7 J**	< 2.0	< 2.0	< 10.0	< 2.0	< 2.0	< 2.0	< 10.0	< 10.0	< 10.0	< 2.0	< 2.0
		2003 03 (Fall)	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 20.0	< 20.0	< 20.0	< 4.0	< 4.0
		2003 02 (Summer)	< 29.0	< 29.0	< 29.0	< 29.0	< 29.0 UJ	< 29.0	< 29.0	< 29.0	< 140	< 140	< 140	< 29.0	< 29.0
		2003 01 (Spring)	< 2.0	**0.71 J**	< 2.0	< 2.0	< 10.0	< 2.0	< 2.0	< 2.0	**5.0 J**	< 10.0	< 10.0	< 2.0	< 2.0
		2002 04 (Winter)	< 0.57	**1.9**	**0.29 J**	**0.69**	< 2.9	< 0.57	< 0.57	< 0.57	**0.94 J**	< 1.1 UJ	< 1.1	< 0.57	< 0.57
		2002 03 (Fall)	< 2.0	< 2.0	< 2.0	**0.58 J**	< 10.0	< 2.0	< 2.0	< 2.0	< 10.0	< 10.0	< 10.0	< 2.0	< 2.0
	MG2-03-S	2004 04 (Winter)	< 0.78	-	< 0.78	< 0.78		< 0.78	< 0.78	< 0.78	< 0.78	< 3.1	< 0.78	< 0.78	< 0.78
		2004 02 (Summer)	< 0.49	**1.5**	< 0.49	< 0.49	< 2.4	< 0.49	< 0.49	< 0.49	**1.4 J**	< 0.98	< 0.98	< 0.49	< 0.49
		2004 01 (Spring)	< 0.20	**1.4**	< 0.20	**0.38**	< 1.0	< 0.20	< 0.20	< 0.20	**0.55 J**	< 0.40	< 0.40	< 0.20	< 0.20
		2003 04 (Winter)	< 2.0	**1.2 J**	< 2.0	< 2.0	< 10.0	< 2.0	< 2.0	< 2.0	< 10.0	< 10.0	< 10.0	< 2.0	< 2.0
		2003 03 (Fall)	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 20.0	< 20.0	< 20.0	< 4.0	< 4.0
		2003 02 (Summer)	< 21.0	**22.0**	< 21.0	< 21.0	< 21.0 UJ	< 21.0	< 21.0	< 21.0	< 110	< 110	< 110	< 21.0	< 21.0
		2003 01 (Spring)	< 2.0	< 2.0	< 2.0	< 2.0	< 10.0	< 2.0	< 2.0	< 2.0	< 10.0	< 10.0	< 10.0	< 2.0	< 2.0
		2002 04 (Winter)	< 0.20	**0.77**	< 0.20	**0.12 J**	< 1.0	< 0.20	< 0.20	< 0.20	**0.26 J**	< 0.40	< 0.40	< 0.20	< 0.20
		2002 03 (Fall)	< 0.20	**0.77**	< 0.20	< 0.20	< 1.0 UJ	< 0.20 UJ	< 0.20	< 0.20	**0.40 J**	< 0.40	< 0.40	< 0.20	< 0.20
	MG2-04-D	2004 04 (Winter)	< 1.6	-	< 1.6	< 1.6		< 1.6	< 1.6	< 1.6	< 1.6	< 6.2	< 1.6	< 1.6	< 1.6
		2004 02 (Summer)	< 7.8	**46.0**	< 7.8	< 7.8	< 39.0	< 7.8	< 7.8	< 7.8	< 39.0	< 39.0	< 39.0	< 7.8	< 7.8
		2003 04 (Winter)	< 2.0	**39.0**	< 2.0	< 2.0	< 10.0	< 2.0	< 2.0	< 2.0	< 10.0	< 10.0	< 10.0	< 2.0	< 2.0
		2003 03 (Fall)	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 20.0	< 20.0	< 20.0	< 4.0	< 4.0
		2003 02 (Summer)	< 42.0	**43.0**	< 42.0	< 42.0	< 42.0 UJ	< 42.0	< 42.0	< 42.0	< 210	< 210	< 210	< 42.0	< 42.0
		2003 01 (Spring)	< 5.3	**63.0**	< 5.3	**20.0**	< 26.0	< 5.3	< 5.3	< 5.3	**6.3 J**	< 26.0	< 26.0	< 5.3	< 5.3
		2002 03 (Fall)	< 18.0	< 18.0	< 18.0	**83.0**	< 91.0	< 18.0	< 18.0	< 18.0	**35.0 J**	< 91.0	< 91.0	< 18.0	< 18.0

Table 2-10
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			Remaining VOCs												
			Dibromochloromethane	Isopropylbenzene (Cumene)	Methylene Chloride	Styrene	Vinyl Acetate	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,2-Dichloropropane	2-Butanone (MEK)	2-Hexanone	4-Methyl-2-pentanone (MIBK)	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene
		Units:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event / AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VADOSE	MG2-04-M	2004 04 (Winter)	< 0.68	-	< 0.68	< 0.68		< 0.68	< 0.68	< 0.68	< 0.68	< 2.7	< 0.68	< 0.68	< 0.68
		2004 02 (Summer)	< 6.6	**30.0**	< 6.6	< 6.6	< 33.0	< 6.6	< 6.6	< 6.6	< 33.0	< 33.0	< 33.0	< 6.6	< 6.6
		2004 01 (Spring)	< 1.9	**17.0**	< 1.9	< 1.9	< 9.7	< 1.9	< 1.9	< 1.9	< 9.7	< 3.9	< 3.9	< 1.9	< 1.9
		2003 04 (Winter)	< 2.0	**28.0**	**1.2 J**	< 2.0	< 10.0	< 2.0	< 2.0	< 2.0	**5.1 J**	< 10.0	< 10.0	< 2.0	< 2.0
		2003 03 (Fall)	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 20.0	< 20.0	< 20.0	< 4.0	< 4.0
		2003 02 (Summer)	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0 UJ	< 25.0	< 25.0	< 25.0	< 125	< 125	< 125	< 25.0	< 25.0
		2003 01 (Spring)	< 7.3	**30.0**	< 7.3	< 7.3	< 37.0	< 7.3	< 7.3	< 7.3	< 37.0	< 37.0	< 37.0	< 7.3	< 7.3
		2002 04 (Winter)	< 6.7	**24.0**	< 6.7	< 6.7	< 34.0	< 6.7	< 6.7	< 6.7	< 34.0	< 34.0	< 34.0	< 6.7	< 6.7
		2002 03 (Fall)	< 18.0	< 18.0	< 18.0	**8.1 J**	< 90.0	< 18.0	< 18.0	< 18.0	< 90.0	< 90.0	< 90.0	< 18.0	< 18.0
	MG2-04-S	2004 04 (Winter)	< 26.0	-	< 26.0	< 26.0		< 26.0	< 26.0	< 26.0	< 26.0	< 100	< 26.0	< 26.0	< 26.0
		2004 02 (Summer)	< 0.98	**4.3**	< 0.98	**0.42 J**	< 4.9	< 0.98	< 0.98	< 0.98	**1.0 J**	< 2.0	< 2.0	< 0.98	< 0.98
		2004 01 (Spring)	< 0.20	**1.4**	< 0.20	< 0.20	< 1.0	< 0.20	< 0.20	< 0.20	**2.2**	< 0.40	< 0.40	< 0.20	< 0.20
		2003 04 (Winter)	< 2.0	**2.9**	< 2.0	< 2.0	< 10.0	< 2.0	< 2.0	< 2.0	**3.7 J**	< 10.0	< 10.0	< 2.0	< 2.0
		2003 03 (Fall)	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 200	< 200	< 200	< 40.0	< 40.0
		2003 02 (Summer)	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0 UJ	< 25.0	< 25.0	< 25.0	< 125	< 125	< 125	< 25.0	< 25.0
		2003 01 (Spring)	< 1.0	**0.53 J**	< 1.0	< 1.0	< 5.1	< 1.0	< 1.0	< 1.0	< 5.1	< 2.0	< 2.0	< 1.0	< 1.0
		2002 04 (Winter)	< 0.93	**1.5 J**	< 0.93	**0.32 J**	< 4.6	< 0.93	< 0.93	< 0.93	< 4.6	< 1.9	< 1.9	< 0.93	< 0.93
		2002 03 (Fall)	< 2.0	< 2.0	< 2.0	< 2.0	< 10.0	< 2.0	< 2.0	< 2.0	< 10.0	< 10.0	< 10.0	< 2.0	< 2.0
	MG2-05-D	2004 04 (Winter)	< 0.68	-	**5.6**	< 0.68		< 0.68	< 0.68	< 0.68	< 0.68	< 2.7	< 0.68	< 0.68	< 0.68
		2004 02 (Summer)	< 2.1	**2.6 J**	< 2.1	< 2.1	< 10.0	< 2.1	< 2.1	< 2.1	**5.0 J**	< 4.2	< 4.2	< 2.1	< 2.1
		2003 04 (Winter)	< 2.0	**0.77 J**	< 2.0	< 2.0	< 10.0	< 2.0	< 2.0	< 2.0	**3.3 J**	< 10.0	< 10.0	< 2.0	< 2.0
		2003 03 (Fall)	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 200	< 200	< 200	< 40.0	< 40.0
		2003 02 (Summer)	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0 UJ	< 22.0	< 22.0	< 22.0	< 110	< 110	< 110	< 22.0	< 22.0
		2003 01 (Spring)	< 2.0	**0.67 J**	< 2.0	< 2.0	< 10.0	< 2.0	< 2.0	< 2.0	< 10.0	< 10.0	< 10.0	< 2.0	< 2.0
		2002 03 (Fall)	< 7.2	**5.8 J**	< 7.2	< 7.2	< 36.0	< 7.2	< 7.2	< 7.2	< 36.0	< 36.0	< 36.0	< 7.2	< 7.2
	MG2-05-S	2004 04 (Winter)	< 0.74	-	< 0.74	< 0.74		< 0.74	< 0.74	< 0.74	< 0.74	< 3.0	< 0.74	< 0.74	< 0.74
		2004 02 (Summer)	< 2.0	**0.71 J**	< 2.0	< 2.0	< 10.0	< 2.0	< 2.0	< 2.0	< 10.0	< 10.0	< 10.0	< 2.0	< 2.0
		2004 01 (Spring)	< 0.20	**0.35 J**	**0.20**	**0.28**	< 1.0	< 0.20	< 0.20	< 0.20	**2.6**	< 0.40	< 0.40	< 0.20	< 0.20
		2003 04 (Winter)	< 2.0	< 2.0	< 2.0	< 2.0	< 10.0	< 2.0	< 2.0	< 2.0	< 10.0	< 10.0	< 10.0	< 2.0	< 2.0
		2003 03 (Fall)	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 200	< 200	< 200	< 40.0	< 40.0
		2003 02 (Summer)	< 24.0	< 24.0	< 24.0	< 24.0	< 24.0 UJ	< 24.0	< 24.0	< 24.0	< 120	< 120	< 120	< 24.0	< 24.0
		2003 01 (Spring)	< 2.0	**0.54 J**	< 2.0	< 2.0	< 10.0	< 2.0	< 2.0	< 2.0	< 10.0	< 10.0	< 10.0	< 2.0	< 2.0
		2002 04 (Winter)	< 0.43	**0.64 J**	**0.47**	< 0.43	< 2.2	< 0.43	< 0.43	< 0.43	**0.60 J**	< 0.86	< 0.86	< 0.43	< 0.43
		2002 03 (Fall)	< 3.5	< 3.5	< 3.5	< 3.5	< 18.0	< 3.5	< 3.5	< 3.5	< 18.0	< 18.0	< 18.0	< 3.5	< 3.5

Table 2-11
Groundwater Sampling Field Parameters at Installation Restoration Site 2
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	442-MW1	11/17/04	7.06	0.32	126
		06/18/04	7.11	***15.00***	-110
		04/07/04	7.77	0.14	-27
		12/17/03	7.04	0.32	227
		09/24/03	7.74	3.60	0.11
		07/09/03	7.79	0.14	-262
		04/24/03	***8.70***	0.47	174
		12/30/02	6.82	1.69	-8.2
		09/20/02	7.49	0.58	-144
		07/10/02	7.99	***9.77***	0.0
First	M010-A	11/17/04	7.10	1.06	104
		06/18/04	6.97	***9.80***	-47
First	M011-A	11/17/04	6.63	0.32	-20
		06/18/04	6.44	1.80	-263
		04/06/04	6.85	0.27	-78
		12/16/03	6.61	0.26	116
		09/25/03	6.57	0.14	-56
		07/08/03	6.75	0.11	70
		04/17/03	6.80	0.15	-11
		12/11/02	6.16	8.54	98.1
		09/19/02	6.68	0.80	-132.1
		07/01/02	7.06	2.00	-110
First	M012-A	11/17/04	7.20	1.19	109
		06/18/04	6.42	0.17	-204
		04/06/04	6.34	0.22	-43
		12/16/03	7.05	0.29	50
		09/25/03	6.96	0.17	-9.0
		07/09/03	6.72	0.17	-46
		04/21/03	6.32	0.21	97
		12/12/02	***8.63***	0.00	-57
		09/19/02	6.85	1.50	-62.9
		07/01/02	6.51	2.50	0.0
First	M013-A	11/18/04	6.96	2.22	160
		06/18/04	6.94	0.93	-9.0
		04/06/04	7.56	0.35	120
		12/17/03	7.04	***10.04***	149.8
		09/25/03	7.19	0.45	85
		07/09/03	7.45	1.43	238
		04/17/03	7.96	0.28	141
		12/11/02	8.32	0.00	3.0
		09/19/02	7.29	1.70	-37.3
		07/02/02	6.61	2.40	172
First	M014-A	11/17/04	6.98	2.50	181
		06/18/04	6.98	1.88	-215
		04/06/04	6.94	2.26	97
		12/17/03	6.76	2.97	256
		09/26/03	7.10	1.35	79

Table 2-11
Groundwater Sampling Field Parameters at Installation Restoration Site 2
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	M014-A	07/09/03	7.19	2.97	170
		04/17/03	7.41	3.52	192
		12/11/02	7.64	0.45	59
		09/19/02	6.89	***14.10***	127.5
		07/02/02	6.54	3.50	230
First	M016-A	11/17/04	6.62	0.25	32
		06/23/04	7.31	2.50	-93
		04/08/04	6.48	0.32	-39
		12/18/03	6.56	0.41	111
		09/25/03	6.83	0.29	-178
		07/09/03	6.97	0.17	76
		04/17/03	6.59	0.38	81
		12/12/02	***5.98***	3.63	-75.6
		09/23/02	6.90	1.00	-100.8
		07/02/02	7.10	2.40	-89
First	M016-E	11/17/04	6.72	0.24	-34
		06/23/04	7.52	2.20	-160
		03/11/04	7.10	0.22	-129
		12/18/03	6.53	0.42	89
		09/26/03	6.76	0.51	-89
		07/09/03	7.19	0.14	-4.0
		04/17/03	7.03	0.36	-109
		12/12/02	6.08	6.64	-126.8
		09/23/02	6.90	0.90	-150.1
		07/02/02	7.34	1.80	-159
First	M017-A	11/16/04	6.98	3.00	196
		06/23/04	6.78	3.83	-176
		04/12/04	7.09	1.89	118
		12/17/03	7.01	1.88	157
		09/26/03	7.01	3.84	26
		07/09/03	7.03	3.23	-203
		04/22/03	7.03	3.39	228
		12/12/02	6.96	2.28	107
		09/24/02	6.65	***38.50***	181.7
		07/08/02	7.08	4.90	-70
First	M018-A	11/16/04	6.80	0.28	173
		06/24/04	7.68	4.50	-37
		04/08/04	6.77	0.19	-115
		12/17/03	6.78	0.37	-22
		09/26/03	6.89	0.50	31
		07/09/03	6.95	0.30	65
		04/22/03	6.09	0.36	291
		12/12/02	6.37	4.20	100.1
		09/23/02	6.89	1.27	61
		07/08/02	7.13	1.50	-136
First	M018-E	11/16/04	6.73	0.32	50
		06/24/04	7.48	4.70	40

Table 2-11
Groundwater Sampling Field Parameters at Installation Restoration Site 2
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	M018-E	12/17/03	6.79	0.60	-80.4
		07/09/03	6.76	0.20	163
		12/12/02	6.14	4.98	-91.7
		07/08/02	6.88	0.80	-226
First	M019-A	11/16/04	6.82	3.57	2.3
		06/22/04	7.00	5.68	-196
		04/07/04	6.77	3.48	181
		12/18/03	7.19	1.57	83.2
		09/26/03	6.74	4.73	135
		07/09/03	6.95	4.63	186
		04/21/03	6.85	4.06	250
		12/12/02	6.75	2.74	134
		09/23/02	6.41	4.52	107
		07/08/02	***4.81***	3.10	42
First	M019-E	11/16/04	6.84	0.27	117
		06/22/04	7.09	0.77	-92
		12/18/03	7.14	0.73	-94.9
		07/09/03	6.87	0.20	167
		12/12/02	***8.51***	0.00	-95
		07/09/02	7.00	2.40	-118
First	M020-A	11/16/04	7.06	0.54	148
		06/23/04	7.26	0.63	-18
		04/07/04	7.73	1.09	4.0
		12/15/03	7.24	0.60	46
		09/26/03	7.23	2.38	71
		07/10/03	7.22	5.82	197
		04/22/03	6.81	0.97	237
		12/12/02	6.77	4.51	-65.3
		09/23/02	7.15	1.28	-90
		07/08/02	***4.93***	1.90	-43
First	M020-E	11/16/04	6.60	0.41	11
		06/22/04	6.64	0.19	-108
		03/10/04	6.75	0.18	29
		12/15/03	6.81	0.20	-93
		09/26/03	6.76	0.20	-71
		07/10/03	6.69	0.48	-100
		04/02/03	6.34	0.29	-51
		01/07/03	7.22	0.02	-182
		09/23/02	6.76	0.30	-169
		07/10/02	6.73	6.40	-205
First	M021-A	11/12/04	7.49	0.30	-12
		06/22/04	7.56	***9.10***	-214
		04/07/04	7.86	0.15	-151
		12/15/03	7.58	0.15	-39
		09/29/03	7.82	0.11	-308
		07/10/03	8.16	0.12	-206
		04/22/03	7.89	0.18	-278

Table 2-11
Groundwater Sampling Field Parameters at Installation Restoration Site 2
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	M021-A	12/26/02	8.05	4.49	-32
		09/24/02	7.57	0.29	-339
		07/08/02	***5.90***	1.50	-259
First	M021-E	11/15/04	6.92	0.37	-24
		06/22/04	6.79	***26.40***	-149
		03/10/04	6.81	0.18	13
		12/15/03	6.96	0.24	-46
		09/26/03	6.87	0.24	-121
		07/10/03	6.98	0.25	-53
		04/22/03	6.92	0.30	-125
		12/26/02	7.32	5.21	-170
		09/24/02	6.87	0.39	-182
		07/10/02	7.27	***10.60***	-326
First	M022-A	11/16/04	6.87	0.19	-276
		06/22/04	6.94	1.90	-264
		04/07/04	6.97	0.14	-315
		12/15/03	7.13	0.92	-285.9
		09/26/03	7.02	0.23	-323
		07/10/03	7.06	0.11	-270
		04/22/03	6.54	0.14	-305
		01/08/03	7.39	0.00	-292
		09/24/02	6.98	0.39	-369
		07/08/02	***5.85***	1.60	-340
First	M022-E	11/15/04	6.70	0.43	35
		06/21/04	6.63	3.40	-152
		03/10/04	6.64	0.24	-70
		12/15/03	6.76	1.10	-127.4
		09/29/03	6.67	0.16	-53
		07/10/03	6.84	0.12	18
		04/22/03	***5.93***	0.32	0.0
		01/07/03	7.12	0.00	-108
		09/24/02	6.69	0.34	-124
		07/12/02	6.88	***10.05***	0.0
First	M023-A	11/15/04	6.98	0.45	-322
		06/24/04	6.84	2.90	-251
		04/08/04	6.76	1.11	255
		12/15/03	7.13	0.59	-261
		09/30/03	7.14	0.44	-330
		07/10/03	6.70	0.17	-284
		04/21/03	7.38	0.30	-350
		12/13/02	***10.29***	0.00	-313
		09/25/02	6.76	0.30	-347
		07/09/02	7.04	0.00	-368
First	M023-E	11/15/04	6.97	0.17	-177
		06/23/04	6.73	0.20	-101
		03/10/04	6.87	0.20	56
		12/16/03	6.84	0.26	-84

Table 2-11
Groundwater Sampling Field Parameters at Installation Restoration Site 2
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	M023-E	09/30/03	7.23	0.26	-175
		07/10/03	6.73	0.17	-132
		04/23/03	6.24	0.25	-70
		12/26/02	7.28	0.00	-182
		09/25/02	6.83	0.27	-181
		07/12/02	***4.91***	2.40	75
First	M024-A	11/16/04	6.45	0.30	-9.0
		06/22/04	6.41	0.19	25
		04/07/04	6.29	0.41	-33
		12/15/03	6.54	0.31	173
		09/29/03	6.66	0.16	-100
		07/14/03	6.57	0.22	-68
		04/24/03	6.60	0.31	24
		12/27/02	6.61	0.12	-132
		09/24/02	6.40	0.70	-94.9
		07/08/02	***4.98***	4.60	-118
First	M024-E	11/15/04	7.04	0.27	-14
		06/22/04	6.92	0.15	-21
		03/11/04	7.05	0.29	20
		12/16/03	7.13	0.22	95
		09/30/03	7.44	0.26	-111
		07/14/03	7.00	0.29	-141
		04/24/03	7.06	0.34	-38
		12/27/02	7.25	0.00	-184
		09/24/02	6.78	1.40	-113.7
		07/08/02	7.20	0.80	-325
First	M036-A	11/18/04	***5.90***	0.19	84
		06/21/04	6.24	1.80	-69
		04/08/04	6.12	0.20	4.0
		12/16/03	6.31	0.30	69
		09/25/03	6.82	0.37	37
		07/11/03	6.44	0.16	-52
		04/23/03	***5.83***	0.34	178
		12/30/02	6.92	4.18	-139
		09/20/02	6.34	0.34	-157
		07/09/02	6.31	***-0.50***	-76.9
First	M036-E	11/16/04	6.78	0.11	-18
		06/21/04	6.80	4.20	-144
		03/11/04	6.90	0.23	-68
		12/16/03	6.82	0.39	-38
		09/26/03	6.84	0.22	-86
		07/14/03	7.05	0.16	31
		04/23/03	6.28	0.31	-41
		12/30/02	7.48	3.97	-175
		09/20/02	6.78	0.25	-186
		07/09/02	6.78	***-0.86***	-173.4
First	M037-A	11/17/04	6.88	0.15	-92

Table 2-11
Groundwater Sampling Field Parameters at Installation Restoration Site 2
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	M037-A	06/22/04	7.43	0.49	-189
		04/08/04	6.82	0.10	-88
		12/16/03	7.24	0.28	-142.4
		09/25/03	7.38	0.36	-64
		07/11/03	6.99	0.19	-209
		04/23/03	7.42	0.59	-96
		12/30/02	7.33	0.00	-183
		09/20/02	7.08	0.60	-177.3
		07/09/02	***4.09***	3.20	-215
First	M037-E	11/17/04	6.58	0.33	42
		06/22/04	6.65	0.27	-76
		04/08/04	6.60	0.29	-77
		12/16/03	6.85	0.48	-134.4
		09/25/03	7.14	0.25	-72
		07/11/03	6.68	0.19	-23
		04/23/03	7.16	0.36	-109
		12/30/02	7.02	0.09	-179
		09/20/02	6.80	1.10	-164.1
		07/09/02	***4.89***	3.40	-186
First	M038-A	11/15/04	***5.58***	0.48	63
		06/23/04	6.66	0.28	-215
		04/07/04	6.66	0.23	-118
		12/17/03	6.69	0.12	-137
		09/30/03	6.59	0.71	-381
		07/11/03	6.80	0.18	45
		04/23/03	7.37	0.32	-112
		12/30/02	NM	NM	NM
		09/23/02	NM	NM	NM
		07/11/02	6.73	***11.10***	-162
First	M038-E	11/15/04	6.75	0.69	42
		06/23/04	6.61	0.32	-149
		03/11/04	6.78	0.26	-11
		12/16/03	6.61	0.23	27
		09/30/03	6.67	0.64	-109
		07/14/03	6.87	0.20	72
		04/23/03	7.17	0.24	-95
		12/30/02	6.91	0.23	-169
		09/23/02	6.94	1.80	-175.8
		07/10/02	***4.59***	2.40	-172
First	M039-A	11/16/04	6.38	0.17	77
		06/23/04	6.48	0.31	-134
		04/08/04	6.43	0.31	-47
		12/16/03	6.66	0.22	-106.7
		09/25/03	6.52	0.31	-26
		07/11/03	6.68	0.45	-31
		04/23/03	6.90	0.29	-1.0
		12/31/02	6.52	NM	NM

Table 2-11
Groundwater Sampling Field Parameters at Installation Restoration Site 2
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	M039-A	09/20/02	6.52	1.00	-76.4
		07/10/02	***4.96***	4.20	-96
Second	M010-B	11/17/04	7.50	0.30	-68
		06/18/04	7.36	1.30	-138
		12/17/03	7.46	0.23	51
		07/11/03	7.67	0.09	110
		12/11/02	7.10	***10.69***	-173.4
		07/11/02	8.12	***9.36***	0.0
Second	M012-B	11/18/04	6.87	2.08	169
		06/18/04	6.78	4.65	-207
		12/16/03	6.71	1.66	109
		07/11/03	7.00	0.09	166
		12/12/02	7.92	0.00	-7.0
		07/10/02	6.84	0.60	288.4
Second	M013-C	11/18/04	6.82	1.20	120
		06/18/04	7.08	0.71	-267
		12/17/03	7.09	6.15	-58.2
		07/09/03	6.95	0.30	251
		12/12/02	7.73	0.00	23
		07/10/02	6.85	0.28	343.4
Second	M014-B	11/17/04	6.91	0.24	154
		06/18/04	7.32	0.68	-291
		12/17/03	6.83	0.32	222
		07/09/03	7.00	0.18	148
		12/11/02	***8.64***	3.96	-63
		07/10/02	6.85	0.10	133.9
Second	M016-B	11/17/04	6.82	0.31	199
		06/23/04	7.44	3.60	80
		12/17/03	6.75	0.34	51
		07/09/03	7.09	0.26	177
		12/12/02	6.35	2.60	36.3
		07/11/02	6.95	***18.50***	-47
Second	M020-B	11/16/04	7.08	0.16	59
		06/22/04	7.04	0.15	-343
		12/15/03	7.23	0.16	-89
		07/10/03	6.99	0.24	-121
		01/08/03	***10.41***	0.00	-179
		07/15/02	7.31	0.55	0.0
Second	M021-C	11/12/04	6.81	0.30	11
		06/22/04	6.72	1.90	-79
		12/15/03	7.02	0.18	-28
		07/10/03	7.28	0.13	-95
		12/26/02	7.11	0.00	-162
		07/11/02	6.86	0.14	-154.6
Second	M023-B	11/15/04	6.99	0.10	-147
		06/21/04	6.77	0.12	-291
		12/16/03	6.87	0.21	-61

Table 2-11
Groundwater Sampling Field Parameters at Installation Restoration Site 2
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
Second	M023-B	07/10/03	6.91	0.09	-113
		12/13/02	***9.14***	0.00	-174
		07/15/02	7.02	2.30	-123
Second	M023-C	11/15/04	7.08	0.09	-96
		06/23/04	6.86	0.20	38
		12/16/03	6.96	0.21	-38
		07/10/03	7.21	0.12	-10
		12/13/02	***9.33***	0.00	-177
		07/16/02	7.01	***-0.08***	-168.9
Second	M036-B	11/16/04	6.75	0.20	-154
		06/22/04	6.80	2.00	-154
		12/16/03	6.82	0.51	20
		07/11/03	6.99	0.11	-60
		12/30/02	7.42	4.66	-169
		07/09/02	6.77	***-0.01***	-173
Second	M037-B	11/17/04	6.86	0.15	95
		06/22/04	6.77	0.23	-56
		12/16/03	7.02	0.55	-118.1
		07/11/03	6.92	0.14	-24
		12/30/02	8.25	0.00	-165
		07/09/02	***4.52***	4.30	-156
Second	M038-B	11/15/04	7.43	1.06	89
		06/24/04	6.80	0.23	-90
		12/17/03	6.89	0.14	-68
		07/11/03	7.05	0.12	123
		12/31/02	6.45	0.97	61.2
		07/15/02	7.02	1.90	-49
Second	M039-B	11/16/04	6.73	0.13	154
		06/23/04	7.42	2.90	-15
		12/16/03	6.91	0.45	-79.5
		07/11/03	6.92	0.41	224
		12/30/02	7.44	3.52	-45
		07/15/02	6.89	0.05	-33.3

Notes:
Field parameters are measured during well purging, just prior to collection of the groundwater sample.
mg/L = milligrams per liter
ORP = oxidation-reduction potential
mV = millivolts
NM = not measured

Italicized results are outside expected range for parameter. Natural groundwater has the following expected ranges:
pH: between 6 and 8.5 standard units
DO: below approximately 9 mg/L
ORP: between approximately 600 and -400 mV

Table 2-12

Groundwater Sample Analytical Results at IR Site 2: Natural Attenuation Parameters

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

Innovative Technical Solutions, Inc.

Ta[illegible]-12

Groundwater Sample Analytical Results at IR Site 2: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide	TDS
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide	Total Dissolved Solids
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event / AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	442-MW1	2004 04 (Winter)	-	-	-	0.21	< 0.050	90.0	22.0	220	220	< 1.0	< 1.0	< 0.040	-
		2004 02 (Summer)	-	-	-	< 0.050	< 0.050	100	25.0	320	320	< 1.0	< 1.0	< 0.040	-
		2004 01 (Spring)	< 0.0030	< 0.0030	0.51	-	-	-	-	-	-	-	-	-	-
		2003 04 (Winter)	-	-	-	0.55	< 0.10	45.5	15.9	192	192	< 5.0	-	< 1.0	-
		2003 02 (Summer)	-	-	-	< 0.10	< 1.0	202	38.7	211	-	-	-	< 1.0	-
		2002 04 (Winter)	-	-	-	0.24	< 0.050	27.0	13.0	260	260	< 1.0	< 1.0	< 0.040	-
		2002 02 (Summer)	< 0.010	< 0.010	0.24	< 0.050	< 0.050	300	38.0	280	280	< 1.0	< 1.0	< 0.040	-
	M011-A	2004 01 (Spring)	< 0.0030	< 0.0030	0.017	-	-	-	-	-	-	-	-	-	-
		2002 02 (Summer)	< 0.010	< 0.010	0.092	-	-	-	-	-	-	-	-	-	-
	M012-A	2004 04 (Winter)	-	-	-	0.080	< 0.050	250	34.0	120	120	< 1.0	< 1.0	< 0.040	580
		2004 02 (Summer)	-	-	-	0.10	< 0.050	160	20.0	98.0	98.0	< 1.0	< 1.0	< 0.040	390
		2004 01 (Spring)	< 0.0030	< 0.0030	0.80	-	-	-	-	-	-	-	-	-	-
		2003 04 (Winter)	-	-	-	0.32	< 0.10	125 J	24.3	138	138	< 5.0	-	< 1.0	-
		2003 02 (Summer)	-	-	-	0.12	< 0.10	123	14.5	74.5	-	-	-	< 1.0	-
		2002 04 (Winter)	-	-	-	0.15	< 0.050	250	31.0	120	120	< 1.0	< 1.0	0.11	-
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	0.35	< 0.050	45.0	9.7	77.0	77.0	< 1.0	< 1.0	< 0.040	-
	M013-A	2004 01 (Spring)	< 0.0030	< 0.0030	< 0.0030	-	-	-	-	-	-	-	-	-	-
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	-	-	-	-	-	-	-	-	-	-
	M014-A	2004 01 (Spring)	< 0.0030	< 0.0030	0.0015 J	-	-	-	-	-	-	-	-	-	-
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	-	-	-	-	-	-	-	-	-	-
	M016-A	2004 04 (Winter)	-	-	-	< 1.3	< 1.3	12,000	1,800	410	410	< 1.0	< 1.0	< 0.040	20,700
		2004 02 (Summer)	-	-	-	< 0.25	< 0.50	3,400	1,100	950	950	< 1.0	< 1.0	< 0.040	7,720
		2004 01 (Spring)	< 0.0030	< 0.0030	0.40	-	-	-	-	-	-	-	-	-	-

Ta[illegible]-12

Groundwater Sample Analytical Results at IR Site 2: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide	TDS
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide	Total Dissolved Solids
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M016-A	2003 04 (Winter)	-	-	-	< 1.0	< 10.0	8,390	1,480	513	513	< 5.0	-	< 1.0	-
		2003 02 (Summer)	-	-	-	< 1.0	< 10.0	3,490	817	924	-	-	-	< 1.0	-
		2002 04 (Winter)	-	-	-	< 1.0	< 1.0	14,000	1,800	320	320	< 1.0	< 1.0	0.040	-
		2002 02 (Summer)	< 0.010	< 0.010	0.28	< 0.25	< 0.25	2,000	850	1,100	1,100	< 1.0	< 1.0	< 0.040	-
	M016-E	2004 04 (Winter)	-	-	-	< 1.0	< 1.0	10,000	1,400	630	630	< 1.0	< 1.0	< 0.040	18,500
		2004 02 (Summer)	-	-	-	< 0.50	< 1.3	6,300	270	2,100	2,100	< 1.0	< 1.0	< 0.040	12,000
		2004 01 (Spring)	0.0012 J	< 0.0030	0.58	-	-	-	-	-	-	-	-	-	-
		2003 04 (Winter)	-	-	-	< 1.0	< 10.0	8,410	1,360	651	651	< 5.0	-	< 1.0	-
		2003 02 (Summer)	-	-	-	< 1.0	< 10.0	6,940	293	2,130	-	-	-	< 1.0	-
		2002 04 (Winter)	-	-	-	< 0.50	< 0.50	11,000	1,500	520	520	< 1.0	< 1.0	< 0.040	-
		2002 02 (Summer)	< 0.010	< 0.010	0.78	< 0.50	< 0.50	6,100	270	2,300	2,300	< 1.0	< 1.0	< 0.040	-
	M017-A	2004 01 (Spring)	< 0.0030	< 0.0030	0.015	-	-	-	-	-	-	-	-	-	-
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	-	-	-	-	-	-	-	-	< 0.040	-
	M018-A	2004 01 (Spring)	< 0.0030	< 0.0030	0.015	-	-	-	-	-	-	-	-	-	-
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	-	-	-	-	-	-	-	-	-	-
	M018-E	2002 02 (Summer)	< 0.010	< 0.010	0.011	-	-	-	-	-	-	-	-	-	-
	M019-A	2004 01 (Spring)	< 0.0030	< 0.0030	0.0015 J	-	-	-	-	-	-	-	-	-	-
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	-	-	-	-	-	-	-	-	-	-
	M019-E	2002 02 (Summer)	< 0.010	< 0.010	0.011	-	-	-	-	-	-	-	-	-	-
	M020-A	2004 01 (Spring)	< 0.0030	< 0.0030	0.050	-	-	-	-	-	-	-	-	-	-
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	-	-	-	-	-	-	-	-	-	-
	M020-E	2004 01 (Spring)	< 0.0030	< 0.0030	0.026	-	-	-	-	-	-	-	-	-	-
		2002 02 (Summer)	< 0.010	< 0.010	0.039	-	-	-	-	-	-	-	-	-	-

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Groundwater Sample Analytical Results at IR Site 2: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide	TDS
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide	Total Dissolved Solids
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M021-A	2004 01 (Spring)	**0.0008 J**	< 0.0030	**0.66**	-	-	-	-	-	-	-	-	-	-
		2002 02 (Summer)	< 0.010	< 0.010	**1.4**	-	-	-	-	-	-	-	-	-	-
	M021-E	2004 01 (Spring)	< 0.0030	< 0.0030	**0.055**	-	-	-	-	-	-	-	-	-	-
		2002 02 (Summer)	< 0.010	< 0.010	**0.074**	-	-	-	-	-	-	-	-	-	-
	M022-A	2004 01 (Spring)	**0.0016 J**	< 0.0030	**0.68**	-	-	-	-	-	-	-	-	-	-
		2002 02 (Summer)	< 0.010	< 0.010	**1.5**	-	-	-	-	-	-	-	-	-	-
	M022-E	2004 01 (Spring)	< 0.0030	< 0.0030	**0.030**	-	-	-	-	-	-	-	-	-	-
		2002 02 (Summer)	< 0.010	< 0.010	**0.048**	-	-	-	-	-	-	-	-	-	-
	M023-A	2004 01 (Spring)	< 0.0030	< 0.0030	**0.49**	-	-	-	-	-	-	-	-	-	-
		2002 02 (Summer)	< 0.010	< 0.010	**2.2**	-	-	-	-	-	-	-	-	-	-
	M023-E	2004 01 (Spring)	< 0.0030	< 0.0030	**8.5**	-	-	-	-	-	-	-	-	-	-
		2002 02 (Summer)	< 0.010	< 0.010	**14.0**	-	-	-	-	-	-	-	-	-	-
	M024-A	2004 01 (Spring)	**0.0007 J**	< 0.0030	**4.6**	-	-	-	-	-	-	-	-	-	-
		2002 02 (Summer)	< 0.010	< 0.010	**8.2**	-	-	-	-	-	-	-	-	-	-
	M024-E	2004 01 (Spring)	**0.0015 J**	< 0.0030	**0.72**	-	-	-	-	-	-	-	-	-	-
		2002 02 (Summer)	< 0.010	< 0.010	**0.50**	-	-	-	-	-	-	-	-	-	-
	M036-A	2004 04 (Winter)	-	-	-	< 0.25	< 0.25	**2,700**	**1.1 J**	**1,300**	**1,300**	< 1.0	< 1.0	**0.18**	**5,320**
		2004 02 (Summer)	-	-	-	< 0.25	< 0.25	**2,700**	**0.77 J**	**1,300**	**1,300**	< 1.0	< 1.0	**0.40**	**5,380**
		2004 01 (Spring)	< 0.0030	< 0.0030	**7.2**	-	-	-	-	-	-	-	-	-	-
		2003 04 (Winter)	-	-	-	< 1.0	< 1.0	**2,980 J**	**56.6**	**1,380**	**1,380**	< 5.0	-	< 1.0	-
		2003 02 (Summer)	-	-	-	< 0.50	< 5.0	**3,050**	**0.42 J**	**1,220**	-	-	-	< 1.0	-
		2002 04 (Winter)	-	-	-	**0.50 J**	< 0.50	**4,200**	**37.0**	**1,400**	**1,400**	< 1.0	< 1.0	**3.1**	-
		2002 02 (Summer)	< 0.010	< 0.010	**11.0**	< 0.25	< 0.25	**2,400**	**3.3**	**1,300**	**1,300**	< 1.0	< 1.0	< 0.040	-

Ta[illegible]-12

Groundwater Sample Analytical Results at IR Site 2: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide	TDS
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide	Total Dissolved Solids
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M036-E	2004 04 (Winter)	-	-	-	< 1.3	< 1.3	13,000	< 13.0	1,500	1,500	< 1.0	< 1.0	< 0.040	20,400
		2004 02 (Summer)	-	-	-	< 1.3	< 1.3	13,000	< 13.0	1,600	1,600	< 1.0	< 1.0	< 0.040	21,400
		2004 01 (Spring)	< 0.0030	< 0.0030	4.6	-	-	-	-	-	-	-	-	-	-
		2003 04 (Winter)	-	-	-	< 1.0	-	10,600 J	< 0.50	1,460	1,460	< 5.0	-	< 1.0	-
		2003 02 (Summer)	-	-	-	< 1.0	< 10.0	13,300	< 5.0	1,450	-	-	-	< 1.0	-
		2002 04 (Winter)	-	-	-	< 2.5	< 2.5	13,000	< 25.0	1,500	1,500	< 1.0	< 1.0	< 0.040	-
		2002 02 (Summer)	< 0.010	< 0.010	14.0	< 0.50	< 0.50	14,000	< 5.0	1,600	1,600	< 1.0	< 1.0	< 0.040	-
	M037-A	2004 04 (Winter)	-	-	-	< 0.25	< 0.50	3,200	< 2.5	2,200	2,200	< 1.0	< 1.0	< 0.040	6,410
		2004 02 (Summer)	-	-	-	< 0.25	< 0.50	4,700	< 2.5	2,100	2,100	< 1.0	< 1.0	< 0.040	10,800
		2004 01 (Spring)	< 0.0030	< 0.0030	6.2	-	-	-	-	-	-	-	-	-	-
		2003 04 (Winter)	-	-	-	1.5	< 1.0	2,880 J	8.6	2,220	2,220	< 5.0	-	< 1.0	-
		2003 02 (Summer)	-	-	-	< 0.50	< 10.0	3,790	< 0.50	2,210	-	-	-	< 1.0	-
		2002 04 (Winter)	-	-	-	< 0.50	< 0.50	2,900	64.0	2,300	2,300	< 1.0	< 1.0	0.20	-
		2002 02 (Summer)	< 0.010	< 0.010	5.7	< 0.25	< 0.25	5,100	27.0	2,300	2,300	< 1.0	< 1.0	< 0.040	-
	M037-E	2004 04 (Winter)	-	-	-	< 1.3	< 2.5	15,000	< 13.0	1,600	1,600	< 1.0	< 1.0	< 0.040	25,700
		2004 02 (Summer)	-	-	-	< 1.3	< 2.5	16,000	< 13.0	1,500	1,500	< 1.0	< 1.0	< 0.040	25,100
		2004 01 (Spring)	< 0.0030	< 0.0030	4.5	-	-	-	-	-	-	-	-	-	-
		2003 04 (Winter)	-	-	-	1.8	-	13,000 J	< 0.50	1,570	1,570	< 5.0	-	< 1.0	-
		2003 02 (Summer)	-	-	-	< 1.0	< 10.0	17,300	< 5.0	1,560	-	-	-	< 1.0	-
		2002 04 (Winter)	-	-	-	< 2.5	< 2.5	15,000	< 25.0	1,700	1,700	< 1.0	< 1.0	< 0.040	-
		2002 02 (Summer)	< 0.010	< 0.010	11.0	< 0.50	< 0.50	18,000	< 5.0	1,700	1,700	< 1.0	< 1.0	< 0.040	-
	M038-A	2004 04 (Winter)	-	-	-	< 0.50	< 1.0	8,800	7.3	2,500	2,500	< 1.0	< 1.0	< 0.040	17,900
		2004 01 (Spring)	< 0.0030	< 0.0030	3.8	-	-	-	-	-	-	-	-	-	-

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Groundwater Sample Analytical Results at IR Site 2: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide	TDS
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide	Total Dissolved Solids
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M038-A	2003 04 (Winter)	-	-	-	< 1.0	< 1.0	5,540	109	2,420	2,420	< 5.0	-	< 1.0	-
		2003 02 (Summer)	-	-	-	< 1.0	< 10.0	10,100	5.0	-	-	-	-	-	-
		2002 04 (Winter)	-	-	-	< 0.25	< 0.25	1,900	400	1,700	1,700	< 1.0	< 1.0	0.14	-
		2002 02 (Summer)	< 0.010	< 0.010	7.6	-	-	-	-	-	-	-	-	-	-
	M038-E	2004 04 (Winter)	-	-	-	< 1.3	< 2.5	17,000	< 13.0	520	520	< 1.0	< 1.0	< 0.040	29,000
		2004 02 (Summer)	-	-	-	< 1.3	< 2.5	17,000	< 13.0	2,300	2,300	< 1.0	< 1.0	< 0.040	28,500
		2004 01 (Spring)	< 0.0030	< 0.0030	8.1	-	-	-	-	-	-	-	-	-	-
		2003 04 (Winter)	-	-	-	< 1.0	-	14,000 J	< 0.50	2,340	2,340	< 5.0	-	< 1.0	-
		2003 02 (Summer)	-	-	-	< 1.0	< 10.0	16,900	< 5.0	2,170	-	-	-	< 1.0	-
		2002 04 (Winter)	-	-	-	< 2.5	< 2.5	16,000	< 25.0	2,400	2,400	< 1.0	< 1.0	< 0.040	-
		2002 02 (Summer)	< 0.010	< 0.010	9.0	< 0.50	< 0.50	17,000	< 5.0 J	2,300	2,300	< 1.0	< 1.0	< 0.040	-
	M039-A	2004 04 (Winter)	-	-	-	< 0.050	< 0.10	900	5.3	1,500	1,500	< 1.0	< 1.0	2.2	2,660
		2004 02 (Summer)	-	-	-	< 0.050	< 0.10	660	< 0.50	1,400	1,400	< 1.0	< 1.0	0.17	2,470
		2004 01 (Spring)	< 0.0030	< 0.0030	4.3	-	-	-	-	-	-	-	-	-	-
		2003 04 (Winter)	-	-	-	0.30	< 1.0	779 J	2.1	1,500	1,500	< 5.0	-	< 1.0	-
		2003 02 (Summer)	-	-	-	< 0.10	< 0.50	834	0.48 J	1,360	-	-	-	1.2	-
		2002 04 (Winter)	-	-	-	< 0.10	< 0.10	490	120	1,100	1,100	< 1.0	< 1.0	0.36	-
		2002 02 (Summer)	< 0.010	< 0.010	13.0	< 0.10	< 0.10	1,100	< 1.0	1,600	1,600	< 1.0	< 1.0	< 0.040	-
SWBZ	M010-B	2004 04 (Winter)	-	-	-	< 0.50	< 0.50	5,200	< 5.0	1,600	1,600	< 1.0	< 1.0	< 0.040	9,600
		2004 02 (Summer)	-	-	-	< 0.50	< 0.50	5,100	< 5.0	1,600	1,600	< 1.0	< 1.0	< 0.040	10,600
		2003 04 (Winter)	-	-	-	< 0.10	< 1.0	7,170	< 0.50	1,620	1,620	< 5.0	-	< 1.0	-
		2003 02 (Summer)	-	-	-	< 1.0	< 100	5,610	< 0.50	1,550	-	-	-	< 1.0	-
		2002 04 (Winter)	-	-	-	< 0.25	< 0.50	5,000	< 2.5	1,500	1,500	< 1.0	< 1.0	< 0.040	-

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Table 3-12

Groundwater Sample Analytical Results at IR Site 2: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide	TDS
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide	Total Dissolved Solids
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWBZ	M010-B	2002 02 (Summer)	< 0.010	< 0.010	**25.0 J**	< 0.50	< 0.50	**5,300**	< 5.0	**1,600**	**1,600**	< 1.0	< 1.0	< 0.040	-
	M012-B	2004 04 (Winter)	-	-	-	< 1.3	< 2.5	**16,000**	**1,400**	**780**	**780**	< 1.0	< 1.0	< 0.040	**25,700**
		2004 02 (Summer)	-	-	-	< 1.3	< 2.5	**16,000**	**1,400**	**770**	**770**	< 1.0	< 1.0	< 0.040	**26,400**
		2003 04 (Winter)	-	-	-	**1.6**	-	**12,200**	**1,410**	**1,090**	**1,090**	< 5.0	-	< 1.0	-
		2003 02 (Summer)	-	-	-	< 1.0	< 10.0	**18,300**	**1,490**	**748**	-	-	-	< 1.0	-
		2002 04 (Winter)	-	-	-	< 1.0	< 1.0	**16,000**	**1,600**	**750**	**750**	< 1.0	< 1.0	< 0.040	-
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	< 0.50	< 0.50	**16,000**	**1,300**	**740**	**740**	< 1.0	< 1.0	< 0.040	-
	M013-C	2002 02 (Summer)	< 0.010	< 0.010	< 0.010	-	-	-	-	-	-	-	-	-	-
	M014-B	2002 02 (Summer)	< 0.010	< 0.010	**0.012**	-	-	-	-	-	-	-	-	-	-
	M016-B	2004 04 (Winter)	-	-	-	< 1.3	< 2.5	**16,000**	**2,200**	**410**	**410**	< 1.0	< 1.0	< 0.040	**27,000**
		2004 02 (Summer)	-	-	-	< 1.3	< 2.5	**16,000**	**2,200**	**440**	**440**	< 1.0	< 1.0	< 0.040	**27,700**
		2003 04 (Winter)	-	-	-	< 1.0	-	**13,400**	**2,200**	**530**	**530**	< 5.0	-	< 1.0	-
		2003 02 (Summer)	-	-	-	< 1.0	< 10.0	**20,500**	**2,270**	**405**	-	-	-	< 1.0	-
		2002 04 (Winter)	-	-	-	< 1.0	< 1.0	**16,000**	**2,200**	**400**	**400**	< 1.0	< 1.0	**0.040**	-
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	< 0.50	< 0.50	**16,000**	**2,100**	**420**	**420**	< 1.0	< 1.0	< 0.040	-
	M020-B	2002 02 (Summer)	< 0.010	< 0.010	**28.0**	-	-	-	-	-	-	-	-	-	-
	M021-C	2002 02 (Summer)	< 0.010	< 0.010	**36.0 J**	-	-	-	-	-	-	-	-	-	-
	M023-B	2002 02 (Summer)	< 0.010	< 0.010	**27.0**	-	-	-	-	-	-	-	-	-	-
	M023-C	2002 02 (Summer)	< 0.010	< 0.010	**28.0**	-	-	-	-	-	-	-	-	-	-
	M036-B	2004 04 (Winter)	-	-	-	< 0.25	< 0.50	**4,000**	< 2.5	**2,000**	**2,000**	< 1.0	< 1.0	< 0.040	**11,900**
		2004 02 (Summer)	-	-	-	**0.090 J**	< 0.50	**4,000**	< 2.5	**2,000**	**2,000**	< 1.0	< 1.0	< 0.040	**7,900**
		2003 04 (Winter)	-	-	-	< 0.10 UJ	< 1.0	**3,450 J**	**0.37 J**	**1,310**	**1,310**	< 5.0	-	< 1.0	-
		2003 02 (Summer)	-	-	-	< 0.50	< 10.0	**5,210**	< 0.50	**1,950**	-	-	-	< 1.0	-

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Groundwater Sample Analytical Results at IR Site 2: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide	TDS
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide	Total Dissolved Solids
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWBZ	M036-B	2002 04 (Winter)	-	-	-	< 0.50	< 0.50	3,900	< 5.0	2,100	2,100	< 1.0	< 1.0	< 0.040	-
		2002 02 (Summer)	< 0.010	< 0.010	13.0	< 0.25 J	< 0.25	4,300	< 2.5	2,100	2,100	< 1.0	< 1.0	< 0.040	-
	M037-B	2004 04 (Winter)	-	-	-	< 0.25	< 0.25	2,300	< 2.5	890	890	< 1.0	< 1.0	< 0.040	4,140
		2004 02 (Summer)	-	-	-	< 0.25	< 0.25	2,400	< 2.5	830	830	< 1.0	< 1.0	< 0.040	4,460
		2003 04 (Winter)	-	-	-	0.20 J	< 1.0	2,070 J	< 0.50	1,760	1,760	< 5.0	-	< 1.0	-
		2003 02 (Summer)	-	-	-	2.8 J	< 5.0	2,570	0.55	868	-	-	-	< 1.0	-
		2002 04 (Winter)	-	-	-	< 0.50	< 0.50	2,200	< 5.0	960	960	< 1.0	< 1.0	< 0.040	-
		2002 02 (Summer)	< 0.010	< 0.010	33.0	< 0.25	< 0.25	2,400	< 2.5	380	380	< 1.0	< 1.0	< 0.040	-
	M038-B	2004 04 (Winter)	-	-	-	< 1.3	< 2.5	15,000	1,800	520	520	< 1.0	< 1.0	< 0.040	26,000
		2004 02 (Summer)	-	-	-	< 1.3	< 2.5	15,000	1,800	520	520	< 1.0	< 1.0	< 0.040	26,100
		2003 04 (Winter)	-	-	-	< 1.0	< 10.0	13,700	428	553	553	< 5.0	-	< 1.0	-
		2003 02 (Summer)	-	-	-	< 1.0	< 10.0	16,900	1,900	519	-	-	-	< 1.0	-
		2002 04 (Winter)	-	-	-	< 2.5	< 2.5	14,000	1,800	550	550	< 1.0	< 1.0	< 0.040	-
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	< 0.50	< 0.50	15,000	1,800	530	530	< 1.0	< 1.0	< 0.040	-
	M039-B	2004 04 (Winter)	-	-	-	< 1.3	< 2.5	16,000	2,000	480	480	< 1.0	< 1.0	< 0.040	28,600
		2004 02 (Summer)	-	-	-	< 1.3	< 2.5	16,000	1,900	480	480	< 1.0	< 1.0	< 0.040	27,600
		2003 04 (Winter)	-	-	-	< 1.0	-	14,300 J	2,090 J	553	553	< 5.0	-	< 1.0	-
		2003 02 (Summer)	-	-	-	< 1.0	< 10.0	17,900	2,080	472	-	-	-	< 1.0	-
		2002 04 (Winter)	-	-	-	0.80 J	< 2.5	15,000	2,000	590	590	< 1.0	< 1.0	< 0.040	-
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	< 0.50	< 0.50	16,000	2,000	520	520	< 1.0	< 1.0	< 0.040	-

General Table Footnotes
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Acronyms and abbreviations

AWQC: Saltwater Ambient Water Quality Criteria, (U.S. EPA, 2002)
BV: Background value (Tetra Tech Environmental Management, Inc., November, 2001)
FWBZ: First Water-Bearing Zone
IR Site: Installation Restoration Site
MCL: California maximum contaminant level (U.S. EPA and California Department of Health Services, June 2003)
MTBE: Methyl tert-butyl ether
NA: Not available (applicable to regulatory limits or background values)
PAH: Polycyclic Aromatic Hydrocarbons
PCE: Tetrachloroethene
Ra: Radium
SO_4: Sulfate
Sr: Strontium
SVOC: Semivolatile Organic Compounds
SWBZ: Second Water-Bearing Zone
TCE: Trichloroethene
TDS: Total Dissolved Solids
TPH: Total Petroleum Hydrocarbons
VOC: Volatile Organic Compounds
-: compound not analyzed

Units

µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: pico curies per liter
PPBV: parts per billion by volume

Validation Qualifiers

J: Estimated value.
U: Not detected at or above the indicated reporting limit.
UJ: Not detected at or above the indicated reporting limit. The reporting limit is an estimate.
R: The analyte is rejected due to deficiencies in the ability to analyze the sample and meet QC criteria.
UR: The analyte was not detected. The analyte is rejected due to deficiencies in the ability to analyze the sample and meet QC criteria.

Notes

Detected values are bolded.
Detected values greater than the MCL are shown in yellow highlighting
Detected values greater than the BV are shown in blue highlighting
Detected values greater than the both the BV and the MCL are shown in pink highlighting
Total TPH (calculated) is the sum of all reported TPH results. Where all TPH results are less than reporting limits, the Total TPH value is represented by the highest reporting limit.

Figures

Site 2
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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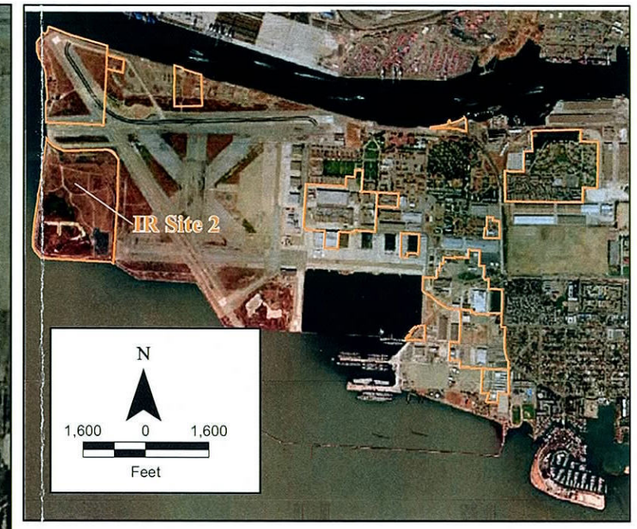

Legend

- First Water Bearing Zone (FWBZ) Wells
- Second Water Bearing Zone (SWBZ) Wells
- Soil Gas Wells
- IR Site Boundary
- Facility

N

400 0 400

Feet

2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Site 2\IR Site 2 Location Map_NAD83.mxd

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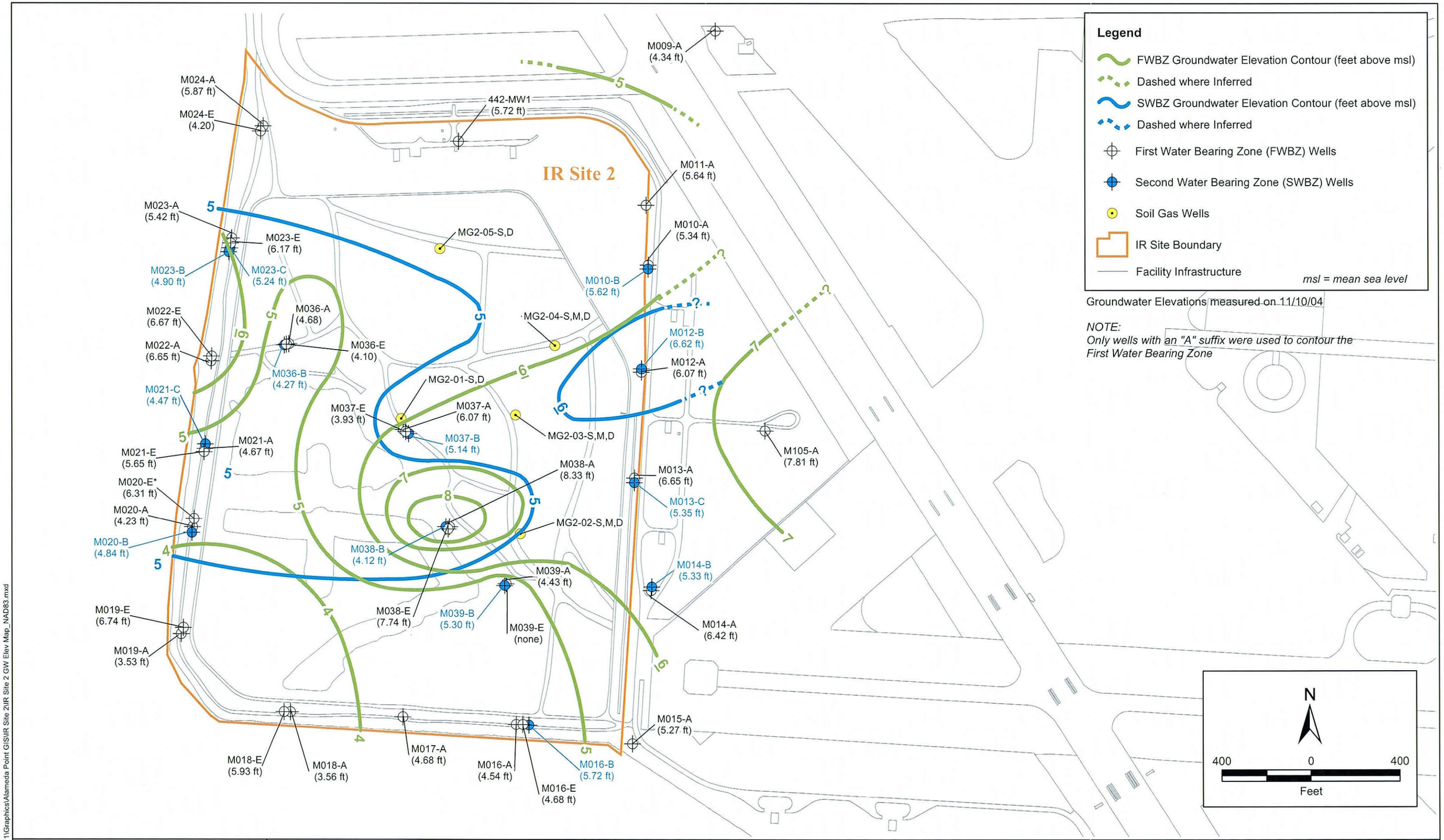
PROGRAM MANAGEMENT OFFICE WEST
SAN DIEGO, CALIFORNIA
ALAMEDA POINT, ALAMEDA, CALIFORNIA

FIGURE 2-1
IR SITE 2
SITE AND WELL LOCATION MAP



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ALAMEDA POINT, ALAMEDA, CALIFORNIA

FIGURE 2-2
IR SITE 2
GROUNDWATER ELEVATION MAP
FALL/WINTER 2004

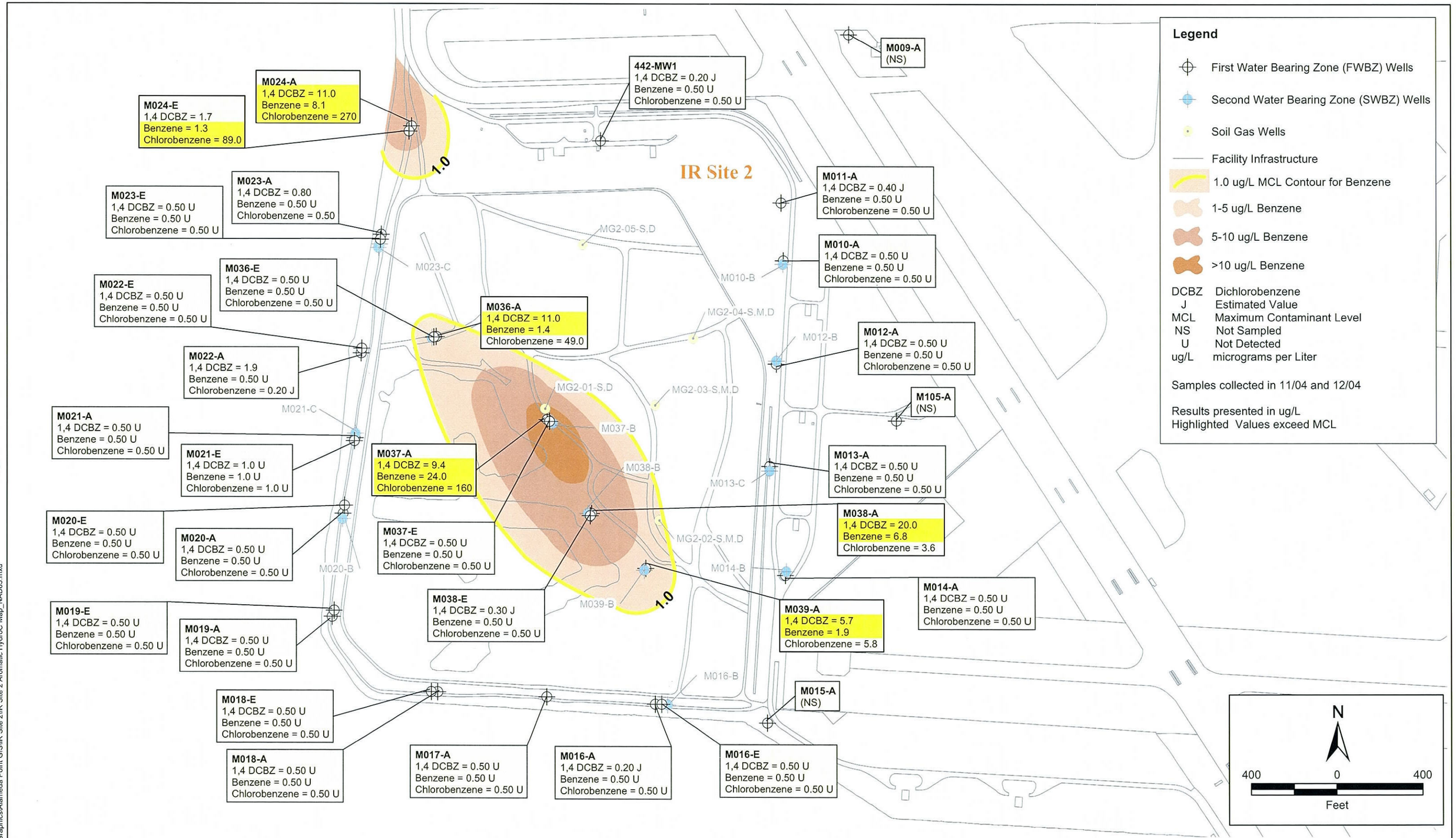

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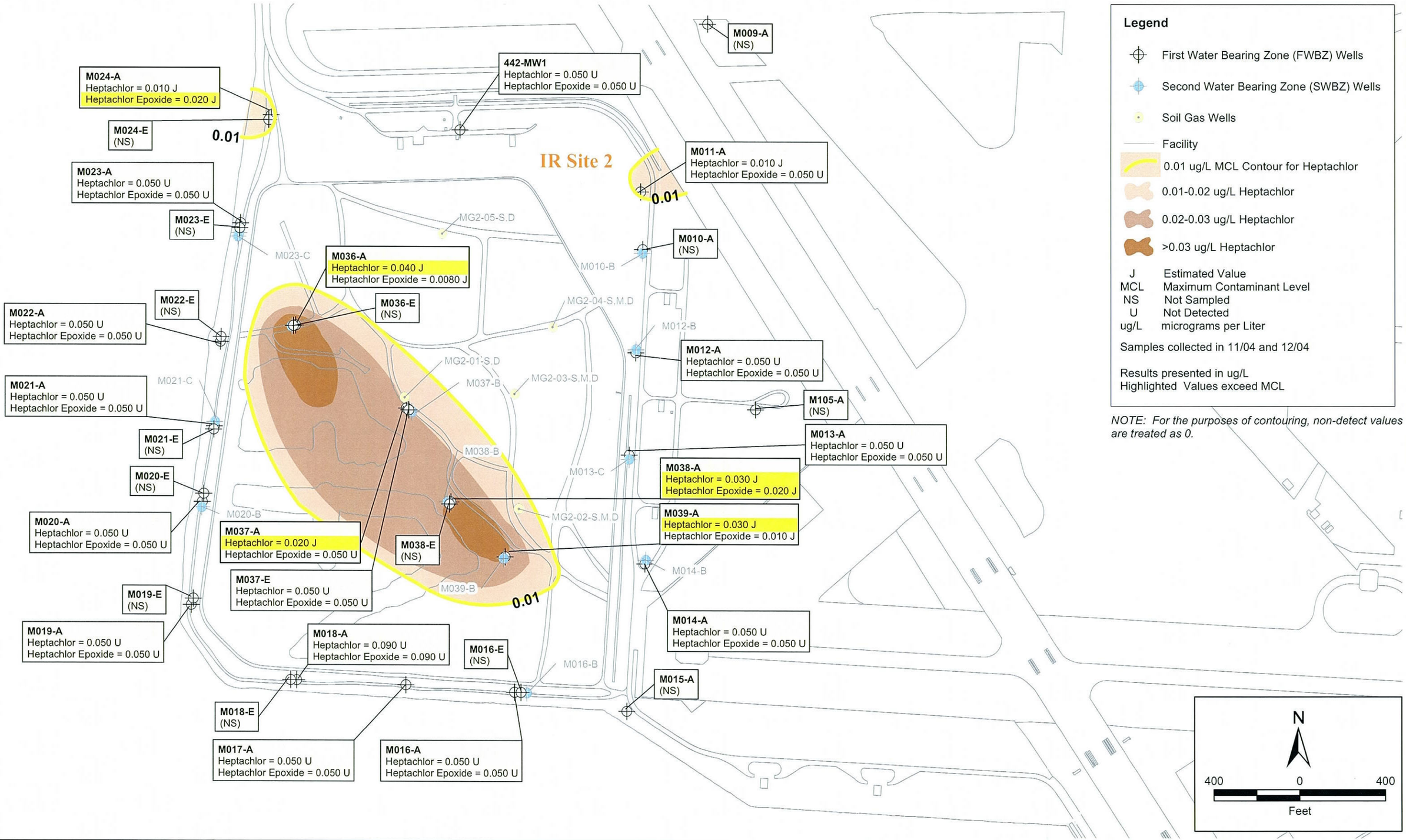
FIGURE 2-3
IR SITE 2
GROUNDWATER DISTRIBUTION OF SELECTED
AROMATIC HYDROCARBONS ABOVE CRITERIA
FALL/WINTER 2004

2002 Projects\02-125-1\Graphics\Alameda Point GIS\IR Site 2\IR Site 2 Aromatic HydroC Map_NAD83.mxd



2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Site 2\IR Site 2 Heptachlor Map_NAD83.mxd

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ALAMEDA POINT, ALAMEDA, CALIFORNIA

FIGURE 2-4
IR SITE 2
GROUNDWATER DISTRIBUTION OF
HEPTACHLOR CONCENTRATIONS ABOVE CRITERIA
FALL/WINTER 2004

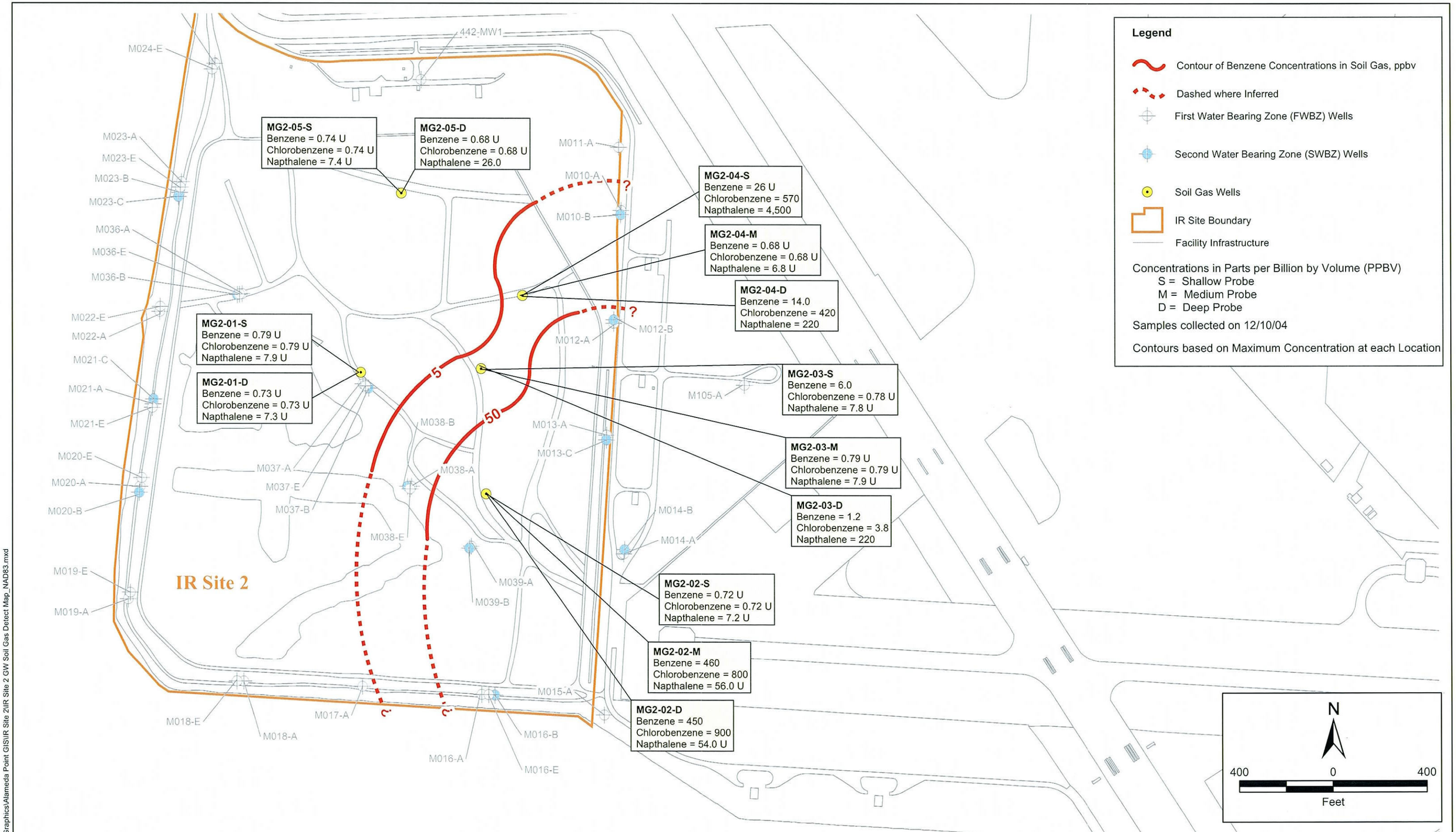

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FIGURE 2-5
IR SITE 2
SOIL GAS ANALYTICAL DETECTIONS
FALL/WINTER 2004

2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Site 2\IR Site 2 GW Soil Gas Detect Map_NAD83.mxd

Appendix A -
Analytical Data with Data Qualifiers and Reason Code Definitions

Site 2
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

Innovative
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N00236.003004
ALAMEDA POINT
SSIC NO. 5090.3.A.

ANALYTICAL DATA

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DUE TO EXTENSIVE VOLUME, THIS DATA WILL NOT BE IMAGED.

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Site 3 Group

Basewide Groundwater Monitoring Program
Alameda Point,Alameda,CA

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Tables

Site 3 Group
Basewide Groundwater Monitoring Program
Alameda Point,Alameda,CA

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Table 3-1
Groundwater Monitoring Summary, IR Site 3 Group - Fall/Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

				Organic Compounds			Inorganic Compounds	Natural Attenuation Parameters					
WATER-BEARING ZONE	SAMPLE LOCATION	GEOLOGICAL UNIT	SCREEN INTERVAL (FT. BGS)	TPH- E as Diesel, Jet Fuel, Motor Oil (EPA 8015B)	TPH-P as Gasoline (EPA 8015B)	VOCs (EPA 8260B)	Dissolved Metals (EPA 6010B/ 6020A/7470A)	Methane, Ethane, Ethene (RSK SOP 175)	Nitrate, Nitrite, Chloride, Sulfate (EPA9056/300.0)	Alkalinity (EPA 310.1)	Sulfide (EPA 376.2)	Ferrous Iron (Hach 8146)	TDS (EPA Method 160.1)
Groundwater Monitoring Program Wells													
First	37-MJ-MW1	Fill-BSU	4.2 - 12	X	X	X	X	X	X	X	X	X	X
	372-MW1	Fill	2.5 - 12.5	X	X	X	X	X	X	X	X	X	X
	398-MW4	Fill	2.9 - 12.9	X	X	X	X	X	X	X	X	X	X
	M03-04	Fill-BSU	3 - 11	X	X	X	X		X				X
	M03-05	Fill-BSU	3 - 13	X	X	X	X	X	X	X	X	X	X
	M03-06	Fill-Upper Merritt	3 - 12	X	X	X	X	X	X	X	X	X	X
	M03-07	BSU-Upper Merritt	3 - 13	X	X	X	X		X				
	M03-09	Upper Merritt	21 - 33	X	X	X	X						
	M03-10	Upper Merritt	28 - 38	X	X	X	X						
	M03-11	Upper Merritt	26 - 36	X	X	X	X						
	M03-12	Upper Merritt	26 - 36	X	X	X	X						
	M03-13	Upper Merritt	26.5 - 36.5	X	X	X	X						
	M03-14	Upper Merritt	27 - 36.5			X							
	M03-15	Upper Merritt	26 - 35.5			X							
	M03-16	Upper Merritt	24.5 - 34			X							
	M03-17	Upper Merritt	24 - 33.5			X							
	M04-05	Fill-Upper Merritt	3.5 - 13.5	X	X	X	X	X	X	X	X	X	X
	M04-06	Fill-Upper Merritt	3.5 - 13.5	X	X	X	X		X				X
	M07B-01	Fill-BSU	4 - 11	X	X	X	X		X			X	X

Table 3-1
Groundwater Monitoring Summary, IR Site 3 Group - Fall/Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

				Organic Compounds			Inorganic Compounds	Natural Attenuation Parameters					
WATER-BEARING ZONE	SAMPLE LOCATION	GEOLOGICAL UNIT	SCREEN INTERVAL (FT. BGS)	TPH- E as Diesel, Jet Fuel, Motor Oil (EPA 8015B)	TPH-P as Gasoline (EPA 8015B)	VOCs (EPA 8260B)	Dissolved Metals (EPA 6010B/ 6020A/7470A)	Methane, Ethane, Ethene (RSK SOP 175)	Nitrate, Nitrite, Chloride, Sulfate (EPA9056/300.0)	Alkalinity (EPA 310.1)	Sulfide (EPA 376.2)	Ferrous Iron (Hach 8146)	TDS (EPA Method 160.1)
First	M11-01	Fill-BSU	4 - 9.5	X	X	X	X	X	X	X	X	X	X
	M11-04	Fill-BSU	5 - 12	X	X	X	X		X				X
	M11-05	Fill-BSU-Upper Merritt	4 - 14	X	X	X	X	X	X	X	X	X	X
	M11-06	Fill-BSU-Upper Merritt	4 - 14	X	X	X	X		X				X
	MBG-3	Fill-Merritt	5 - 15	X	X	X	X	X	X	X	X	X	X
	MW360-1	Fill-Upper Merritt	5 - 15	X	X	X	X		X				X
	MW360-2	Fill-Upper Merritt	5 - 15	X	X	X	X	X	X	X	X	X	X
	MW360-3	Fill-Upper Merritt	5 - 15	X	X	X	X		X				X
	MW360-4	Fill-Upper Merritt	5 - 15	X	X	X	X		X				X
	MW97-3	Fill-BSU-Upper Merritt	5 - 15	X	X	X	X		X				X
	WA-8	Fill-BSU	5 - 15	X	X	X	X	X	X	X	X	X	X
Second	D03-01	Merritt	49.5 - 59.5	X	X	X	X		X				X
	D03-02	Lower Merritt	46.5 - 56.5			X							
	D03-03	Lower Merritt	48 - 58			X							
	D03-04	Lower Merritt	47 - 57			X							
	D04-01	USA	86 - 96	X	X	X	X	X	X	X	X	X	X
	D04-02	USA	86.5 - 96.5	X	X	X	X	X	X	X	X	X	X
	D04-03	USA	84 - 94	X	X	X	X		X				X
	D11-01	Merritt	50 - 60	X	X	X	X	X	X	X	X	X	X

Table 3-1
Groundwater Monitoring Summary, IR Site 3 Group - Fall/Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

				Organic Compounds			Inorganic Compounds	Natural Attenuation Parameters					
WATER-BEARING ZONE	SAMPLE LOCATION	GEOLOGICAL UNIT	SCREEN INTERVAL (FT. BGS)	TPH- E as Diesel, Jet Fuel, Motor Oil (EPA 8015B)	TPH-P as Gasoline (EPA 8015B)	VOCs (EPA 8260B)	Dissolved Metals (EPA 6010B/ 6020A/7470A)	Methane, Ethane, Ethene (RSK SOP 175)	Nitrate, Nitrite, Chloride, Sulfate (EPA9056/300.0)	Alkalinity (EPA 310.1)	Sulfide (EPA 376.2)	Ferrous Iron (Hach 8146)	TDS (EPA Method 160.1)
Non-Program Wells, Water Level Only													
First	37-MJ-MW-5	Fill-BSU	4.2 - 12	-	-	-	-	-	-	-	-	-	-
	398-MW2	Fill	2.5 - 12.5	-	-	-	-	-	-	-	-	-	-
	398-MW3	Fill	2.9 - 12.9	-	-	-	-	-	-	-	-	-	-
	M03-08A	Fill-BSU	3 - 11	-	-	-	-	-	-	-	-	-	-
	M04-07	Fill-BSU	3 - 13	-	-	-	-	-	-	-	-	-	-
	M11-02	Fill-Upper Merritt	3 - 12	-	-	-	-	-	-	-	-	-	-
	MW547-1	BSU-Upper Merritt	3 - 13	-	-	-	-	-	-	-	-	-	-
	MW547-2	Upper Merritt	21 - 33	-	-	-	-	-	-	-	-	-	-
	MW97-1	Upper Merritt	28 - 38	-	-	-	-	-	-	-	-	-	-
	MW97-2	Upper Merritt	26 - 36	-	-	-	-	-	-	-	-	-	-
	MWD13-1	Upper Merritt	26 - 36	-	-	-	-	-	-	-	-	-	-
	MWD13-2	Upper Merritt	26.5 - 36.5	-	-	-	-	-	-	-	-	-	-

Notes:

X Well sampled for this parameter during Fall/Winter 2004 event.

\- Well not in analytical program.

Fill - Artificial Fill
BSU - Bay Sediment Unit
USA - Upper San Antonio Formation
Merritt - Merritt Sand

FT. BGS - Feet below ground surface
TPH - Total Petroleum Hydrocarbons
VOCs - Volatile Organic Compounds
(8260B) - U.S. Environmental Protection Agency analytical method

TDS - Total Dissolved Solids

Table 3-2
Summary of Groundwater Level Measurements at Installation Restoration Site 3 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	37-MJ-MW-5 ‡	11.1	10.70	11/08/04	5.29	5.41
		11.1	10.70	06/15/04	5.57	5.13
		11.1	10.70	03/01/04	2.85	7.85
		11.1	10.70	12/02/03	5.91	4.79
		11.1	10.70	09/15/03	5.88	4.82
		11.1	10.70	06/24/03	5.50	5.20
		11.1	10.70	04/07/03	5.00	5.70
First	37-MJ-MW1	11.4	10.77 *	11/08/04	5.48	5.29
		11.4	10.77 *	06/15/04	6.47	4.30
		11.4	10.77 *	03/01/04	3.16	7.61
		11.4	10.77 *	12/02/03	5.68	5.09
		11.4	10.77 *	09/15/03	5.91	4.86
		11.4	10.77 *	06/24/03	5.46	5.31
		11.4	10.77 *	04/07/03	4.91	5.86
		11.4	10.77 *	12/09/02	5.95	4.82
		11.4	10.77 *	09/03/02	5.92	4.85
		11.4	10.77 *	06/25/02	5.65	5.12
First	372-MW1	12.0	11.80 *	11/08/04	2.08	9.72
		12.0	11.80 *	06/15/04	1.20	10.60
		12.0	11.80 *	03/01/04	1.60	10.20
		12.0	11.80 *	12/02/03	2.00	9.80
		12.0	11.80 *	09/15/03	2.27	9.53
		12.0	11.80 *	06/23/03	2.17	9.63
		12.0	11.80 *	04/07/03	2.15	9.65
		12.0	11.80 *	07/11/02	2.50	9.30
First	398-MW2 ‡	11.7	11.42	11/08/04	5.13	6.29
		11.7	11.42	06/15/04	5.26	6.16
		11.7	11.42	03/01/04	4.42	7.00
		11.7	11.42	12/02/03	4.84	6.58
		11.7	11.42	09/15/03	5.54	5.88
		11.7	11.42	06/24/03	5.11	6.31
		11.7	11.42	04/07/03	5.91	5.51
First	398-MW3 ‡	11.7	11.47	11/08/04	5.19	6.28
		11.7	11.47	06/15/04	5.11	6.36
		11.7	11.47	03/02/04	4.46	7.01
		11.7	11.47	12/02/03	5.24	6.23
		11.7	11.47	09/15/03	5.32	6.15
		11.7	11.47	06/24/03	5.04	6.43
First	398-MW4	11.3	11.14 *	11/08/04	5.13	6.01
		11.3	11.14 *	06/15/04	4.86	6.28
		11.3	11.14 *	03/01/04	4.38	6.76
		11.3	11.14 *	12/02/03	5.30	5.84
		11.3	11.14 *	09/15/03	5.10	6.04
		11.3	11.14 *	06/24/03	4.80	6.34
		11.3	11.14 *	04/07/03	4.71	6.43
		11.3	11.14 *	12/09/02	5.30	5.84
		11.3	11.14 *	09/03/02	5.10	6.04
		11.3	11.14 *	06/20/02	4.86	6.28

Table 3-2
Summary of Groundwater Level Measurements at Installation Restoration Site 3 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M03-04	12.4	12.21 *	11/08/04	6.39	5.82
		12.4	12.21 *	06/15/04	5.91	6.30
		12.4	12.21 *	03/01/04	5.60	6.61
		12.4	12.21 *	12/02/03	6.62	5.59
		12.4	12.21 *	09/15/03	6.15	6.06
		12.4	12.21 *	06/24/03	5.81	6.40
		12.4	12.21 *	04/07/03	5.84	6.37
		12.4	12.21 *	12/09/02	6.46	5.75
		12.4	12.21 *	09/03/02	6.10	6.11
		12.4	12.21 *	06/20/02	5.82	6.39
First	M03-05	12.2	11.84 *	11/08/04	6.16	5.68
		12.2	11.84 *	06/15/04	6.27	5.57
		12.2	11.84 *	03/01/04	5.37	6.47
		12.2	11.84 *	12/02/03	6.48	5.36
		12.2	11.84 *	09/15/03	6.51	5.33
		12.2	11.84 *	06/23/03	6.21	5.63
		12.2	11.84 *	04/07/03	6.01	5.83
		12.2	11.84 *	12/09/02	6.46	5.38
		12.2	11.84 *	07/03/02	6.31	5.53
First	M03-06	12.4	12.00 *	11/08/04	6.37	5.63
		12.4	12.00 *	06/15/04	NM	NC
		12.4	12.00 *	03/01/04	5.85	6.15
		12.4	12.00 *	12/02/03	6.40	5.60
		12.4	12.00 *	09/15/03	6.65	5.35
		12.4	12.00 *	06/23/03	6.33	5.67
		12.4	12.00 *	04/07/03	6.21	5.79
		12.4	12.00 *	12/09/02	6.59	5.41
		12.4	12.00 *	09/03/02	6.72	5.28
		12.4	12.00 *	07/03/02	6.55	5.45
First	M03-07	10.9	10.22 *	11/08/04	3.45	6.77
		10.9	10.22 *	06/15/04	3.58	6.64
		10.9	10.22 *	03/01/04	2.42	7.80
		10.9	10.22 *	12/02/03	3.90	6.32
		10.9	10.22 *	09/15/03	3.61	6.61
		10.9	10.22 *	06/23/03	3.55	6.67
		10.9	10.22 *	04/07/03	3.33	6.89
		10.9	10.22 *	12/09/02	4.10	6.12
		10.9	10.22 *	06/20/02	3.70	6.52
First	M03-08A ‡	11.8	11.51 **	11/08/04	5.77	5.74
		11.8	11.51 **	06/15/04	5.85	5.66
		11.8	11.51 **	03/01/04	5.05	6.46
		11.8	11.51 **	12/02/03	5.92	5.59
		11.8	11.51 **	09/15/03	5.95	5.56
		11.8	11.51 **	06/24/03	5.89	5.62
		11.8	11.51 **	04/07/03	5.31	6.20
First	M03-09	12.7	12.21 *	11/08/04	6.38	5.83
		12.7	12.21 *	06/15/04	6.34	5.87
		12.7	12.21 *	03/01/04	5.91	6.30

Table 3-2
Summary of Groundwater Level Measurements at Installation Restoration Site 3 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M03-09	12.7	12.21 *	12/02/03	6.79	5.42
		12.7	12.21 *	09/15/03	6.57	5.64
		12.7	12.21 *	06/24/03	6.36	5.85
		12.7	12.21 *	04/07/03	4.87	7.34
		12.7	12.21 *	12/09/02	6.77	5.44
		12.7	12.21 *	09/06/02	6.76	5.45
First	M03-10	12.70	12.23 *	11/08/04	5.47	6.76
		12.70	12.23 *	06/15/04	5.60	6.63
		12.70	12.23 *	03/01/04	4.25	7.98
		12.70	12.23 *	12/02/03	5.70	6.53
		12.70	12.23 *	09/15/03	5.77	6.46
		12.70	12.23 *	06/23/03	5.38	6.85
		12.70	12.23 *	04/07/03	5.11	7.12
		12.70	12.23 *	12/13/02	7.00	5.23
		12.70	12.23 *	09/06/02	6.31	5.92
First	M03-11	11.74	11.29 *	11/08/04	3.38	7.91
		11.74	11.29 *	06/15/04	3.51	7.78
		11.74	11.29 *	03/01/04	1.83	9.46
		11.74	11.29 *	12/02/03	3.54	7.75
		11.74	11.29 *	09/15/03	3.81	7.48
		11.74	11.29 *	06/23/03	3.27	8.02
		11.74	11.29 *	04/07/03	3.01	8.28
		11.74	11.29 *	12/09/02	3.76	7.53
		11.74	11.29 *	09/09/02	3.98	7.31
First	M03-12	12.21	12.06 *	11/08/04	3.62	8.44
		12.21	12.06 *	06/15/04	3.80	8.26
		12.21	12.06 *	03/02/04	2.02	10.04
		12.21	12.06 *	12/02/03	3.87	8.19
		12.21	12.06 *	09/15/03	4.01	8.05
		12.21	12.06 *	06/23/03	5.15	6.91
		12.21	12.06 *	04/07/03	3.27	8.79
		12.21	12.06 *	12/09/02	4.57	7.49
		12.21	12.06 *	09/09/02	4.53	7.53
First	M03-13	12.90	12.49 *	11/08/04	4.46	8.03
		12.90	12.49 *	06/15/04	4.15	8.34
		12.90	12.49 *	03/02/04	2.37	10.12
		12.90	12.49 *	12/02/03	4.68	7.81
		12.90	12.49 *	09/15/03	4.30	8.19
		12.90	12.49 *	06/23/03	3.63	8.86
		12.90	12.49 *	04/07/03	3.47	9.02
		12.90	12.49 *	12/09/02	4.08	8.41
		12.90	12.49 *	09/09/02	4.72	7.77
First	M03-14	12.30	12.30	11/08/04	6.68	5.62
		12.30	12.30	06/15/04	6.48	5.82
First	M03-15	12.17	12.17	11/08/04	7.07	5.10
		12.17	12.17	06/15/04	7.62	4.55
First	M03-16	9.31	9.31	11/08/04	5.31	4.00
		9.31	9.31	06/15/04	5.96	3.35

Table 3-2
Summary of Groundwater Level Measurements at Installation Restoration Site 3 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M03-17	8.81	8.81	11/08/04	4.45	4.36
		8.81	8.81	06/15/04	5.68	3.13
First	M04-05	13.12	12.74	11/08/04	4.95	7.79
		13.12	12.74	06/15/04	4.98	7.76
First	M04-06	12.85	12.30	11/08/04	3.35	8.95
		12.85	12.30	06/15/04	3.35	8.95
First	M04-07 ‡	11.8	11.81 **	11/08/04	4.92	6.89
		11.8	11.81 **	06/15/04	NM	NC
		11.8	11.81 **	03/01/04	3.78	8.03
		11.8	11.81 **	12/02/03	5.80	6.01
		11.8	11.81 **	09/15/03	5.31	6.50
		11.8	11.81 **	06/23/03	4.81	7.00
		11.8	11.81 **	04/07/03	4.48	7.33
First	M07B-01	11.7	11.12 *	11/08/04	5.35	5.77
		11.7	11.12 *	06/15/04	5.80	5.32
		11.7	11.12 *	03/01/04	4.28	6.84
		11.7	11.12 *	12/02/03	5.09	6.03
		11.7	11.12 *	09/15/03	6.03	5.09
		11.7	11.12 *	06/24/03	5.62	5.50
		11.7	11.12 *	04/07/03	5.24	5.88
		11.7	11.12 *	12/09/02	5.90	5.22
		11.7	11.12 *	09/03/02	6.08	5.04
		11.7	11.12 *	06/20/02	5.82	5.30
First	M11-01	12.4	12.02 *	11/08/04	6.93	5.09
		12.4	12.02 *	06/15/04	7.05	4.97
		12.4	12.02 *	03/01/04	6.03	5.99
		12.4	12.02 *	12/02/03	7.26	4.76
		12.4	12.02 *	09/15/03	7.22	4.80
		12.4	12.02 *	06/24/03	6.90	5.12
		12.4	12.02 *	04/07/03	6.66	5.36
		12.4	12.02 *	12/09/02	7.15	4.87
		12.4	12.02 *	09/03/02	7.28	4.74
		12.4	12.02 *	06/21/02	7.11	4.91
First	M11-02 ‡	12.2	11.75 **	11/08/04	6.15	5.60
		12.2	11.75 **	06/15/04	6.00	5.75
		12.2	11.75 **	03/01/04	5.04	6.71
		12.2	11.75 **	12/02/03	6.31	5.44
		12.2	11.75 **	09/15/03	6.38	5.37
		12.2	11.75 **	06/24/03	5.81	5.94
		12.2	11.75 **	04/07/03	5.51	6.24
First	M11-04	11.9	11.83 *	11/08/04	5.58	6.25
		11.9	11.83 *	06/15/04	5.70	6.13
		11.9	11.83 *	03/01/04	3.36	8.47
		11.9	11.83 *	12/02/03	6.06	5.77
		11.9	11.83 *	09/15/03	6.15	5.68
		11.9	11.83 *	06/24/03	5.44	6.39
		11.9	11.83 *	04/07/03	4.95	6.88
		11.9	11.83 *	12/09/02	6.13	5.70

Table 3-2
Summary of Groundwater Level Measurements at Installation Restoration Site 3 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M11-04	11.9	11.83 *	09/03/02	6.19	5.64
		11.9	11.83 *	06/20/02	5.70	6.13
First	M11-05	11.2	10.79 *	11/08/04	5.61	5.18
		11.2	10.79 *	06/15/04	5.85	4.94
		11.2	10.79 *	03/01/04	4.40	6.39
		11.2	10.79 *	12/02/03	5.87	4.92
		11.2	10.79 *	09/15/03	5.86	4.93
		11.2	10.79 *	06/24/03	5.77	5.02
		11.2	10.79 *	04/07/03	5.62	5.17
		11.2	10.79 *	12/09/02	5.72	5.07
		11.2	10.79 *	09/03/02	6.00	4.79
		11.2	10.79 *	06/20/02	5.96	4.83
First	M11-06	11.0	10.68 *	11/08/04	5.81	4.87
		11.0	10.68 *	06/15/04	6.25	4.43
		11.0	10.68 *	03/01/04	5.10	5.58
		11.0	10.68 *	12/02/03	6.13	4.55
		11.0	10.68 *	09/15/03	6.07	4.61
		11.0	10.68 *	06/24/03	6.08	4.60
		11.0	10.68 *	04/07/03	5.86	4.82
		11.0	10.68 *	12/09/02	5.92	4.76
		11.0	10.68 *	09/03/02	6.20	4.48
		11.0	10.68 *	06/20/02	6.15	4.53
First	MBG-3	12.2	11.86 *	11/08/04	3.55	8.31
		12.2	11.86 *	06/15/04	4.29	7.57
		12.2	11.86 *	03/01/04	1.78	10.08
		12.2	11.86 *	12/02/03	3.50	8.36
		12.2	11.86 *	09/15/03	4.40	7.46
		12.2	11.86 *	06/23/03	3.65	8.21
		12.2	11.86 *	04/07/03	3.27	8.59
		12.2	11.86 *	12/09/02	4.16	7.70
		12.2	11.86 *	06/24/02	3.80	8.06
First	MW360-1	11.7	11.27 *	11/08/04	4.85	6.42
		11.7	11.27 *	06/15/04	4.11	7.16
		11.7	11.27 *	03/01/04	3.30	7.97
		11.7	11.27 *	12/02/03	4.63	6.64
		11.7	11.27 *	09/15/03	4.52	6.75
		11.7	11.27 *	06/23/03	3.92	7.35
		11.7	11.27 *	04/07/03	3.74	7.53
		11.7	11.27 *	12/09/02	5.27	6.00
		11.7	11.27 *	09/03/02	4.47	6.80
		11.7	11.27 *	06/19/02	4.11	7.16
First	MW360-2	12.8	12.28 *	11/08/04	2.88	9.40
		12.8	12.28 *	06/15/04	4.87	7.41
		12.8	12.28 *	03/01/04	3.66	8.62
		12.8	12.28 *	12/02/03	4.90	7.38
		12.8	12.28 *	09/15/03	5.25	7.03
		12.8	12.28 *	06/23/03	4.66	7.62
		12.8	12.28 *	04/07/03	4.44	7.84

Table 3-2
Summary of Groundwater Level Measurements at Installation Restoration Site 3 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	MW360-2	12.8	12.28 *	12/09/02	5.20	7.08
		12.8	12.28 *	09/03/02	5.15	7.13
		12.8	12.28 *	06/19/02	4.81	7.47
First	MW360-3	12.8	12.38 *	11/08/04	4.71	7.67
		12.8	12.38 *	06/15/04	4.64	7.74
		12.8	12.38 *	03/01/04	3.15	9.23
		12.8	12.38 *	12/02/03	4.97	7.41
		12.8	12.38 *	09/15/03	4.61	7.77
		12.8	12.38 *	06/23/03	4.25	8.13
		12.8	12.38 *	04/07/03	4.01	8.37
		12.8	12.38 *	12/09/02	5.00	7.38
		12.8	12.38 *	09/03/02	4.93	7.45
		12.8	12.38 *	06/19/02	4.46	7.92
First	MW360-4	12.4	12.22 *	11/08/04	4.41	7.81
		12.4	12.22 *	06/15/04	4.88	7.34
		12.4	12.22 *	03/01/04	2.67	9.55
		12.4	12.22 *	12/02/03	4.25	7.97
		12.4	12.22 *	09/15/03	4.40	7.82
		12.4	12.22 *	06/23/03	3.82	8.40
		12.4	12.22 *	04/07/03	3.55	8.67
		12.4	12.22 *	12/09/02	4.43	7.79
		12.4	12.22 *	09/03/02	4.21	8.01
		12.4	12.22 *	06/19/02	3.90	8.32
First	MW547-1 ‡	13.1	12.81 **	11/08/04	4.59	8.22
		13.1	12.81 **	06/15/04	4.24	8.57
		13.1	12.81 **	03/01/04	3.75	9.06
		13.1	12.81 **	12/02/03	4.88	7.93
		13.1	12.81 **	09/15/03	4.46	8.35
		13.1	12.81 **	06/24/03	3.24	9.57
		13.1	12.81 **	04/07/03	2.61	10.20
First	MW547-2 ‡	12.3	12.04 **	11/08/04	1.95	10.09
		12.3	12.04 **	06/15/04	3.54	8.50
		12.3	12.04 **	03/01/04	2.88	9.16
		12.3	12.04 **	12/02/03	3.95	8.09
		12.3	12.04 **	09/15/03	3.61	8.43
		12.3	12.04 **	06/24/03	3.31	8.73
		12.3	12.04 **	04/07/03	2.59	9.45
First	MW97-1 ‡	12.0	11.52 **	11/08/04	5.38	6.14
		12.0	11.52 **	06/15/04	5.31	6.21
		12.0	11.52 **	03/02/04	4.80	6.72
		12.0	11.52 **	12/02/03	5.54	5.98
First	MW97-2 ‡	11.1	11.52 **	11/08/04	4.11	7.41
		11.1	11.52 **	06/15/04	4.18	7.34
		11.1	11.52 **	03/01/04	4.41	6.40
		11.1	11.52 **	12/02/03	4.73	6.08
		11.1	11.52 **	09/15/03	4.40	6.41
		11.1	11.52 **	06/23/03	4.15	6.66
		11.1	11.52 **	04/07/03	4.12	6.69

Table 3-2
Summary of Groundwater Level Measurements at Installation Restoration Site 3 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	MW97-3	12.4	11.99 *	11/08/04	2.86	9.13
		12.4	11.99 *	06/15/04	3.99	8.00
		12.4	11.99 *	03/01/04	1.51	10.48
		12.4	11.99 *	12/02/03	4.64	7.35
		12.4	11.99 *	09/15/03	3.35	8.64
First	MW97-3	12.4	11.99 *	06/23/03	4.47	7.52
		12.4	11.99 *	04/07/03	4.30	7.69
		12.4	11.99 *	12/09/02	4.36	7.63
		12.4	11.99 *	09/03/02	3.36	8.63
		12.4	11.99 *	07/03/02	4.28	7.71
First	MWD13-1 ‡	12.52	12.52 **	11/08/04	NM	NC
		12.52	12.52 **	06/15/04	NF	NC
		12.52	12.52 **	03/01/04	NF	NC
		12.52	12.52 **	12/02/03	4.77	7.75
		12.52	12.52 **	09/15/03	5.03	7.49
		12.52	12.52 **	06/23/03	4.45	8.07
		12.52	12.52 **	04/07/03	4.26	8.26
First	MWD13-2 ‡	12.4	12.06 **	11/08/04	4.18	7.88
		12.4	12.06 **	06/15/04	NM	NC
		12.4	12.06 **	03/01/04	3.92	8.14
		12.4	12.06 **	12/02/03	3.50	8.56
		12.4	12.06 **	09/16/03	4.25	7.81
		12.4	12.06 **	06/23/03	3.91	8.15
		12.4	12.06 **	04/07/03	3.65	8.41
First	WA-8	11.9	12.85 *	11/08/04	6.79	6.06
		11.9	12.85 *	06/15/04	7.17	5.68
		11.9	12.85 *	03/02/04	6.16	6.69
		11.9	12.85 *	12/02/03	7.43	5.42
		11.9	12.85 *	09/15/03	7.48	5.37
		11.9	12.85 *	06/23/03	7.05	5.80
		11.9	12.85 *	04/07/03	6.59	6.26
		11.9	12.85 *	12/09/02	7.47	5.38
		11.9	12.85 *	09/03/02	7.32	5.53
		11.9	12.85 *	06/20/02	7.11	5.74
Second	D03-01	12.4	12.30 *	11/08/04	6.56	5.74
		12.4	12.30 *	06/15/04	6.96	5.34
		12.4	12.30 *	03/01/04	5.70	6.60
		12.4	12.30 *	12/02/03	6.67	5.63
		12.4	12.30 *	09/15/03	6.74	5.56
		12.4	12.30 *	06/24/03	6.76	5.54
		12.4	12.30 *	04/07/03	6.78	5.52
		12.4	12.30 *	12/09/02	7.03	5.27
		12.4	12.30 *	07/03/02	6.90	5.40
Second	D03-02	11.97	11.97	11/08/04	6.94	5.03
		11.97	11.97	06/15/04	7.00	4.97
Second	D03-03	12.46	12.46	11/08/04	5.35	7.11
		12.46	12.46	06/15/04	5.48	6.98
Second	D03-04	11.83	11.83	11/08/04	5.25	6.58

Table 3-2
Summary of Groundwater Level Measurements at Installation Restoration Site 3 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
Second	D03-04	11.83	11.83	06/15/04	5.33	6.50
Second	D04-01	12.7	12.45 *	11/08/04	5.29	7.16
		12.7	12.45 *	06/15/04	5.35	7.10
		12.7	12.45 *	03/01/04	4.26	8.19
		12.7	12.45 *	12/02/03	5.18	7.27
		12.7	12.45 *	09/15/03	6.20	6.25
		12.7	12.45 *	06/23/03	5.86	6.59
		12.7	12.45 *	04/07/03	5.91	6.54
		12.7	12.45 *	12/09/02	6.60	5.85
		12.7	12.45 *	07/03/02	6.36	6.09
Second	D04-02	12.5	12.33 *	11/08/04	6.03	6.30
		12.5	12.33 *	06/15/04	6.04	6.29
		12.5	12.33 *	03/02/04	4.79	7.54
		12.5	12.33 *	12/02/03	6.40	5.93
		12.5	12.33 *	09/15/03	6.31	6.02
		12.5	12.33 *	06/23/03	6.09	6.24
		12.5	12.33 *	04/07/03	6.15	6.18
		12.5	12.33 *	12/09/02	6.56	5.77
		12.5	12.33 *	07/03/02	6.31	6.02
Second	D04-03	11.7	11.60 *	11/08/04	6.29	5.31
		11.7	11.60 *	06/15/04	6.40	5.20
		11.7	11.60 *	03/01/04	5.36	6.24
		11.7	11.60 *	12/02/03	6.64	4.96
		11.7	11.60 *	09/15/03	6.75	4.85
		11.7	11.60 *	06/23/03	6.43	5.17
		11.7	11.60 *	04/07/03	6.39	5.21
		11.7	11.60 *	12/09/02	6.84	4.76
		11.7	11.60 *	07/03/02	6.69	4.91
Second	D11-01	11.9	11.57 *	11/08/04	5.64	5.93
		11.9	11.57 *	06/15/04	5.57	6.00
		11.9	11.57 *	03/01/04	5.01	6.56
		11.9	11.57 *	12/02/03	5.87	5.70
		11.9	11.57 *	09/15/03	5.75	5.82
		11.9	11.57 *	06/24/03	5.48	6.09
		11.9	11.57 *	04/07/03	6.06	5.51
		11.9	11.57 *	12/09/02	5.89	5.68
		11.9	11.57 *	07/08/02	7.32	4.25

Notes:
BTOC = below top of casing
msl = mean sea level
NC = Groundwater elevation not calculated
NF = Monitoring well not found
NM = Water level not measured

* = Surveyed to NGVD 29 by Calvada Surveying in September 2002. Subsequently converted to NAVD 88 by Shaw Environmental, Inc. using the Corpscon software.

Table 3-2
Summary of Groundwater Level Measurements at Installation Restoration Site 3 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)

** = Converted from Mean Lower Low Water to NAVD 88 by Shaw Environmental, Inc. using the Tidal Datum Epoch (1960-1978) at Tidal Bench Mark 9414750

‡ = Well used only for water level measurements. Not scheduled for sampling in the monitoring program.

Table 3- 4

Groundwater Sample Analytical Results at IR Site 3 Group: Dissolved Metals

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

Innovative
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Table 3- 4
Groundwater Sample Analytical Results at IR Site 3 Group: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																		Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6 0	50. 0	1,000	4. 0	5. 0	50. 0	NA	1,300	1 5. 0	NA	2. 0	NA	1 00	50. 0	NA	2. 0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45. 8	28 4	575	3. 8	5. 4	1 3. 8	1 1. 6	27. 5	3. 9	5,21 3	0. 1 5	1 1. 5	19. 1	6 0	3. 3	5. 8	28 7	42. 9	439	7,1 35	38 0	500	1 82	4,500
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
372-MW1	2004 04 (Winter)		0. 42 J	< 5.0	1 70	< 2.0	< 5.0	< 10.0	< 1.0	2. 8J	< 3.0	23. 0	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 5.0	5. 4 J	< 20.0	< 100	< 100	43. 0	5. 3	1. 1	1 8 0
	2004 02 (Summer)		< 1.0	4. 4 J	8 3. 0	< 1.0	< 5.0	< 10.0	< 1.0	1. 2	0. 21 J	1 7. 0	0. 054 J	0. 8 3 J	0. 8 4 J	< 5.0	< 1.0	< 5.0	2. 4 J	20. 0	3. 1 J	36 0 J	24. 0	3. 3	1. 3	1 2. 0
	2003 04 (Winter)		< 5.0 UJ	< 50.0 UJ	1 02	< 4.0	< 5.0	< 10.0 UJ	< 10.0 UJ	< 10.0	< 10.0 UJ	3. 7 J	-	< 50.0 UJ	< 20.0 UJ	< 20.0 UJ	< 10.0	-	< 50.0	7. 9 J	< 200	< 100 UJ	32. 2	3. 8	< 0.50	1 1. 2
	2003 02 (Summer)		< 50.0	< 50.0	85. 1 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	1 5. 3	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	4. 8J	< 20.0	< 200	< 100	24. 5	2. 9	0. 67	9. 1 J
	2002 02 (Summer)		0. 71 J	3. 8J	82. 0	< 2.0	< 5.0	< 10.0	0. 06 8J	< 10.0	0. 045 J	22. 0	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	68 0 J	< 100	22. 0	3. 1	0. 94	1 3. 0
37-MJ-MW1	2004 04 (Winter)		0. 1 9 J	28 0	42. 0	< 2.0	< 5.0	< 10.0	0. 1 3 J	< 10.0	< 3.0	1,300	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 5.0	< 10.0	< 20.0	< 100	3,1 00	51. 0	26 0	6 9	1 3. 0
	2004 02 (Summer)		0. 16J	21. 0	1 4. 0	< 1.0	< 1.0	0. 71 J	< 1.0	0. 32 J	0. 22 J	31 0	< 0.20	< 20.0	0. 73 J	< 5.0	< 1.0	< 1.0	< 10.0	< 2.8	< 50.0	68 0 J	17. 0	9. 0	4. 1	8 0
	2003 04 (Winter)		< 5.0 UJ	22. 1 J	35. 2 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	758	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	< 20.0	< 200	1,340	47. 5	22. 7	< 7.0	1 6 8
	2003 02 (Summer)		< 50.0	22. 8J	1 5. 8J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	397	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	1. 9 J	1 2. 2 J	< 200	83 7	20. 2	9. 3	3. 0 J	6 6
	2002 04 (Winter)		0. 24 J	21. 0	< 30.0	< 2.0	< 5.0	< 10.0	0. 095 J	< 10.0	< 3.0	51 0	< 0.20	< 20.0	0. 25 J	< 5.0	< 5.0	< 2.0	1. 0 J	4. 9 J	8 9 J	83 0	30. 0	1 4. 0	7. 4	23. 0
	2002 02 (Summer)		0. 31 J	25. 0	26 0	< 2.0	< 5.0	< 10.0	0. 1 1 J	0. 1 5 J	0. 1 4 J	61 0	< 0.20	1. 1 J	< 20.0	< 5.0	< 5.0	4. 2	0. 40 J	< 20.0	< 100	1,400	26 0	1 2. 0	5. 1	8 4
398-MW4	2004 04 (Winter)		< 1.0	< 5.0	84. 0	< 2.0	< 5.0	< 10.0	0. 1 7 J	< 10.0	< 3.0	370	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 5.0	0. 82 J	1 1. 0 J	< 100	1,400	40. 0	26 0	30. 0	48 0
	2004 02 (Summer)		0. 30 J	1. 1	1 20	< 1.0	< 1.0	1. 0 J	0. 29 J	0. 77 J	0. 30 J	550	< 0.20	< 20.0	1. 5	< 5.0	< 1.0	< 1.0	< 10.0	1 5. 0 J	< 50.0	1,600 J	34. 0	49. 0	55. 0	1,000
	2003 04 (Winter)		< 5.0 UJ	< 50.0	1 42	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	71 2	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 25.0 UJ	< 50.0	< 20.0	< 200	2,790	44. 3	50. 3	< 63.4	1,1 30
	2003 02 (Summer)		< 50.0	< 50.0	1 27	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	709	< 0.40	< 50.0	1. 3 J	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	2,370	43. 3	50. 7	46 0 J	895
	2002 04 (Winter)		< 50.0	5. 3	< 140	< 2.0	< 5.0	1. 2 J	0. 24 J	0. 079 J	< 3.0	650	< 0.20	< 20.0	1. 6J	5. 2	< 5.0	< 2.0	1. 0 J	1 9. 0 J	1 1. 0 J	1,800	42. 0	55. 0	62. 0 J	1,200
	2002 02 (Summer)		0. 1 5 J	7. 0	1 20 J	< 2.0	< 5.0	< 10.0	0. 29 J	0. 50 J	0. 1 8J	520 J	< 0.20	2. 9 J	1. 6J	4. 2 J	< 5.0	< 2.0	< 10.0	3. 5 J	86 0 J	1,200	39. 0	50. 0 J	49. 0	960
M03-04	2004 04 (Winter)		0. 69 J	45. 0	530	< 2.0	< 5.0	< 10.0	0. 44 J	< 10.0	6 3	790	< 0.20	< 20.0	2. 5 J	< 5.0	< 5.0	< 5.0	< 10.0	9. 9 J	< 100	7,800	73. 0	1 20	85. 0	2,1 00
	2004 02 (Summer)		3. 3	1 20	440	< 1.0	< 5.0	0. 48J	0. 36J	1. 4	1 3. 0	420	< 0.20	5. 6	5. 5	< 5.0	< 1.0	< 5.0	9. 7 J	< 1.0	< 50.0	2,700	60. 0	98 0	82. 0	1,900
	2003 04 (Winter)		< 5.0 UJ	78 8	624	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	7. 7 J	536	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 25.0 UJ	< 50.0	< 20.0	< 200	10,200	68 7	1 1 5	95. 9	1,880
	2003 02 (Summer)		< 50.0	1 26	733	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	1 6 0	487	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 100	< 50.0	< 20.0	< 200	7,740	71. 7	1 1 1	86 8J	1,390
	2002 04 (Winter)		1. 4 J	62. 0	540	< 2.0	< 5.0	< 10.0	0. 43 J	0. 49 J	21. 0	550	< 0.20	< 20.0	2. 0 J	1 6 0	< 5.0	< 3.9	1 0. 0	< 20.0	1 5. 0 J	2,700	78 0	1 40	80. 0 J	2,1 00
	2002 02 (Summer)		1. 3 J	83. 0	880 J	< 2.0	< 5.0	< 10.0	0. 48J	0. 97 J	55. 0	670 J	< 0.20	2. 3 J	2. 3 J	1 0. 0	< 5.0	< 2.0	< 10.0	< 20.0	200	2,300	88 0	1 40 J	79. 0	1,900
M03-05	2004 04 (Winter)		0. 48J	1 1. 0	1 20	< 2.0	< 5.0	2. 1 J	0. 52 J	< 10.0	< 3.0	420	< 0.20	6 0 J	2. 6J	3. 9 J	< 5.0	< 5.0	7. 0 J	7. 6J	< 100	760	34. 0	61. 0	56 0	1,500
	2004 02 (Summer)		0. 36J	1 2. 0	1 60	< 1.0	< 5.0	1. 6J	0. 51 J	2. 0	0. 50 J	650	0. 061 J	6 1	3. 1	< 5.0	< 1.0	< 5.0	3. 4 J	6 2	< 50.0	1,700	45. 0	79. 0	72. 0	2,000
	2003 04 (Winter)		< 5.0	1 1. 3 J	1 59	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	657	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 25.0 UJ	1 2. 0 J	< 20.0	< 200	913	51. 6	76 6	88. 8	1,820
	2003 02 (Summer)		< 50.0	1 4. 9 J	1 59	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	701	< 0.40	5. 5 J	1. 6J	< 20.0	< 10.0	< 100	1 1. 5 J	< 20.0	< 200	1,210	56 8	80. 8	81. 1 J	1,380
	2002 04 (Winter)		< 50.0	6 3	1 50	< 2.0	< 5.0	< 10.0	0. 54 J	0. 41 J	< 3.0	530	< 0.20	3. 7 J	1. 5 J	3. 8J	< 5.0	< 2.0	8 2 J	1 9. 0 J	< 100	1,400	49. 0	61. 0	63. 0	1,500
	2002 02 (Summer)		1. 1 J	24. 0	1 80	< 2.0	< 5.0	1 1. 0 J	0. 54 J	0. 60 J	< 3.0 UJ	740	< 0.20	5. 7 J	1. 9 J	8 3 J	< 5.0	1. 0 J	1 0. 0 J	< 20.0	1 20	1,900	62. 0	82. 0	72. 0	1,700
M03-06	2004 04 (Winter)		0. 1 8J	37. 0	85. 0	< 2.0	< 5.0	< 10.0	0. 16J	< 10.0	< 3.0	47. 0	< 0.20	1 2. 0 J	2. 1 J	< 5.0	< 5.0	< 5.0	1. 2 J	< 20.0	< 100	1 40	23. 0	1 0. 0	8 0	230
	2004 02 (Summer)		0. 1 8J	42. 0	98 0	< 1.0	< 1.0	0. 70 J	0. 1 5 J	0. 49 J	0. 20 J	70. 0	< 0.20	1 5. 0 J	2. 7	< 5.0	< 1.0	< 1.0	< 10.0	5. 9 J	6 4 J	1 80 J	36 0	1 1. 0	8 5	220
	2004 01 (Spring)		2. 0 J	50. 4	1 83	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	1 25	< 0.40	1 5. 5 J	< 20.0	< 20.0	< 10.0	< 5.0	7. 3 J	< 20.0	< 200	304	55. 4	23. 0	1 5. 0	380
	2003 04 (Winter)		< 5.0	43. 2 J	86 2 J	< 4.0	< 5.0	< 10.0	< 10.0	5. 8J	< 10.0	49. 2	< 0.40	1 6 3 J	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	< 20.0	< 200	1 1 7	26 8	1 0. 5	9. 9	229
	2003 03 (Fall)		3. 9 J	63. 0	81. 8J	0. 38J	< 5.0	1. 3 J	< 10.0	< 10.0	< 10.0	49. 8	< 0.40	24. 8J	3. 2 J	< 20.0	< 10.0	< 5.0	5. 4 J	4. 9 J	< 200	95. 0 J	28 6	1 0. 0	6 7 J	270
	2003 02 (Summer)		< 50.0	45. 4 J	83. 4 J	< 4.0	< 5.0	< 10.0	< 10.0	1. 8J	< 10.0	51. 0	< 0.40	1 3. 6J	2. 8J	< 20.0	< 10.0	< 5.0	2. 8J	< 20.0	< 200	1 07	26 3	1 0. 4	1 0. 3 J	1 82
	2003 01 (Spring)		< 1.0	35. 0	90. 0	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 3.0	57. 0	< 0.20	1 4. 0 J	2. 7 J	< 5.0	< 5.0	< 1.0	3. 4 J	1. 8J	< 100	230	25. 0 J	1 1. 0	8 3	21 0
	2002 04 (Winter)		0. 26J	44. 0	93. 0 J	0. 038J	< 5.0	< 10.0	0. 1 9 J	< 10.0	< 3.0	47. 0	< 0.20	1 8 0 J	2. 7 J	< 5.0	< 5.0	< 2.0	2. 9 J	< 20.0	< 100	260	43. 0 J	9. 3	8 9	290
	2002 03 (Fall)		0. 22 J	46 0	72. 0	< 2.0	< 5.0	< 10.0	0. 1 5 J	< 10.0	< 3.0	43. 0	< 0.20	1 5. 0 J	2. 4 J	< 5.0	< 5.0	< 2.0	5. 0 J	< 20.0	< 100	1 1 0	27. 0	7. 5	8 1	260

FWBZ

Table 3- 4
Groundwater Sample Analytical Results at IR Site 3 Group: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																			Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ M03-06	2002 02 (Summer)		0.31 J	44.0	97.0	0.11 J	< 5.0	4.2 J	0.34 J	0.52 J	0.33 J	70.0	< 0.20	20.0 J	2.9 J	-	< 5.0	6.0	3.3 J	5.2 J	67.0 J	240	32.0	11.0	9.1	250
M03-07	2004 04 (Winter)		0.23 J	4.8J	230	< 2.0	0.47 J	11.0	0.35 J	< 10.0	< 3.0	220	< 0.20	< 20.0	2.1 J	< 5.0	< 5.0	< 5.0	8.7 J	5.9 J	< 100	21,000	62.0	23.0	18.0	210
	2004 02 (Summer)		2.5	< 1.0	290	< 1.0	< 1.0	17.0	0.56J	2.5	0.26J	260	< 0.20	< 20.0	4.1	< 5.0	< 1.0	< 1.0	20.0	30.0 J	17.0 J	25,000 J	72.0	25.0	24.0	270
	2003 04 (Winter)		< 5.0 UJ	12.3 J	326	< 4.0	< 5.0	< 22.1	< 10.0	< 10.0	< 10.0	281	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	6.5 J	275	26,800	76.2	36.7	< 35.0	356
	2003 02 (Summer)		< 50.0	10.8J	333	< 4.0	< 5.0	9.9 J	< 10.0	< 10.0	< 10.0	286	< 0.40	< 50.0	2.3 J	< 20.0	< 10.0	< 5.0	10.6J	< 20.0	276	25,900	79.3	28.4	33.3 J	254
	2002 04 (Winter)		0.82 J	14.0	330 J	0.11 J	< 5.0	39.0	0.80 J	2.4 J	1.4 J	280 J	< 0.20	2.5 J	3.7 J	4.3 J	< 5.0	5.0	43.0	1.4 J	110	28,000 J	72.0 J	47.0 J	41.0 J	440
	2002 02 (Summer)		0.35 J	4.5 J	270	< 2.0	< 5.0	3.4 J	0.42 J	0.58J	0.98J	170	< 0.20	< 20.0	2.2 J	1.9 J	< 5.0	< 2.0	3.9 J	3.5 J	71.0 J	8700	62.0	22.0	23.0	280
M03-09	2004 04 (Winter)		0.29 J	5.5	95.0	< 2.0	< 5.0	1.4 J	37.0	< 10.0	< 3.0	3,200	< 0.20	< 20.0	100	< 5.0	< 5.0	< 5.0	1.8J	19.0 J	< 100	6900	370	1,200	340	13,000
	2004 02 (Summer)		1.1	15.0	72.0	< 1.0	0.40 J	3.7 J	39.0	23.0	0.38J	3,100	< 0.20	1.6J	110	< 5.0	< 1.0	< 5.0	3.4 J	< 1.0	< 50.0	6400	450	1,500	430	14,000
	2003 04 (Winter)		< 25.0 UJ	< 50.0	59.3 J	< 4.0	< 5.0	< 10.0	< 47.9	< 10.0	< 10.0	3,120	< 0.40	< 50.0	120	< 20.0	< 10.0	< 25.0 UJ	< 50.0	< 20.0	< 200	4,800	415	1,800	700	16000
	2003 02 (Summer)		< 50.0	11.2 J	71.8J	< 4.0	< 5.0	< 10.0	36.8	< 10.0	< 10.0	3,880	< 0.40	< 50.0	88.8	< 20.0	< 10.0	< 100	< 50.0	< 20.0	< 200	7,310	480 J	1,490	421 J	11,100 J
	2002 04 (Winter)		0.26J	17.0	89.0	< 2.0 J	< 5.0	< 10.0	40.0	6.6J	0.67 J	3,400	< 0.20	0.79 J	100	65.0	< 5.0	< 2.3	0.87 J	< 20.0	31.0 J	4,200	420	1,300	370	12,000
	2002 03 (Fall)		0.25 J	< 5.0	84.0	< 2.0	< 5.0	0.67 J	41.0	6.2 J	< 3.0	2,800	< 0.20	0.74 J	99.0	< 5.0	< 5.0	< 2.0	< 10.0	46.0 J	< 100	1,900	410	880	360	8100
M03-10	2004 04 (Winter)		0.48J	28.0	38.0	< 2.0	< 5.0	4.0 J	0.25 J	4.6J	< 3.0	8.5 J	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 5.0	51.0	< 20.0	< 100	< 100	3.0	1.6	4.8	1,200
	2004 02 (Summer)		0.46J	28.0	35.0	< 1.0	< 1.0	0.20 J	0.22 J	1.3	0.39 J	< 10.0	< 0.20	2.9 J	< 20.0	< 1.0	< 1.0	< 1.0	43.0	< 2.0	16.0 J	< 100	2.9 J	1.1	3.7	1,300
	2003 04 (Winter)		< 5.0	35.7 J	37.5 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	52.3	< 20.0	< 200	< 100	3.4	1.2	3.8	1,650
	2003 02 (Summer)		< 50.0	38.0 J	34.4 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	1.2 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 100	45.7 J	< 20.0	< 200	< 100	3.1	1.3	5.1 J	1,090
	2002 04 (Winter)		0.90 J	28.0	43.0	< 2.0	< 5.0	< 10.0	0.28J	1.3 J	0.34 J	0.82 J	< 0.20	9.5 J	2.3 J	4.9 J	< 5.0	< 2.5	37.0	2.3 J	45.0 J	< 100	4.0	2.3	7.4	1,000
	2002 03 (Fall)		0.70 J	29.0	41.0	< 2.0	< 5.0	< 10.0	0.27 J	0.75 J	< 3.0	9.3 J	< 0.20	11.0 J	1.7 J	3.1 J	< 5.0	< 2.0	46.0	5.0 J	< 100	< 100	3.8	2.0	5.4	1,300
M03-11	2004 04 (Winter)		< 1.0	11.0	44.0	< 2.0	< 5.0	< 10.0	0.08J	3.9 J	< 3.0	260	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 5.0	2.4 J	6.2 J	< 100	500	5.7	4.5	11.0	430
	2004 02 (Summer)		2.7	10.0	41.0	< 1.0	< 1.0	0.37 J	0.11 J	< 1.0	< 1.0	200	0.054 J	5.2	< 20.0	< 1.0	< 1.0	< 1.0	< 1.0	2.9	9.6J	890	5.1 J	3.5	9.8	380
	2003 04 (Winter)		< 5.0	16.0 J	41.1 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	211	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	< 20.0	< 200	237	3.7	4.4	11.0	492
	2003 02 (Summer)		< 50.0	21.7 J	51.4 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	202	< 0.40	< 50.0	2.8J	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	322	3.5 J	4.2	9.0 J	434 J
	2002 04 (Winter)		0.23 J	16.0	47.0	< 2.0	< 5.0	< 10.0	0.43 J	0.53 J	0.33 J	340	< 0.20	3.7 J	2.9 J	1.1 J	< 5.0	< 2.0	2.1 J	1.4 J	150	480	5.4	6.7	12.0	600
	2002 03 (Fall)		0.30 J	4.8J	54.0	< 2.0	< 5.0	0.61 J	0.83 J	0.21 J	< 3.0	140	< 0.20	6.4 J	4.0 J	1.5 J	< 5.0	< 2.0	5.1 J	5.9 J	< 120	200	8.2	11.0	20.0	870
M03-12	2004 04 (Winter)		0.27 J	< 100	100	< 2.0	< 5.0	1.1 J	0.28J	< 10.0	< 3.0	20.0	< 0.20	10.0 J	10.0 J	< 5.0	< 5.0	< 5.0	< 10.0	6.6J	< 100	< 100	6.7	15.0	16.0	420
	2004 02 (Summer)		0.55 J	5.2	200	< 1.0	< 1.0	1.1	0.57 J	0.79 J	0.069 J	2.0 J	< 0.20	16.0 J	36.0	< 5.0	< 1.0	< 1.0	0.94 J	12.0 J	< 50.0	54.0 J	4.3	1.0	25.0	340
	2003 04 (Winter)		2.4 J	4.9 J	541	< 4.0	< 5.0	< 10.0 UJ	< 10.0 UJ	< 10.0	< 10.0 UJ	< 10.0	-	16.4 J	38.0 J	< 20.0 UJ	< 10.0	-	< 50.0	< 20.0	81.2 J	< 100 UJ	23.3	8.2	32.1	365
	2003 02 (Summer)		< 50.0	< 50.0	138	0.33 J	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	160	< 0.40	19.8J	22.3	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	< 100	5.4 J	8.9	29.9 J	493 J
	2002 04 (Winter)		0.33 J	4.5 J	87.0	< 2.0	< 5.0	< 10.0	0.45 J	1.5 J	0.30 J	12.0	< 0.20	15.0 J	7.5 J	0.89 J	< 5.0	< 2.0	3.3 J	5.4 J	19.0 J	< 100	23.0	28.0	32.0	390
	2002 03 (Fall)		0.18J	3.1 J	220	< 2.0	< 5.0	0.11 J	2.6J	0.93 J	< 3.0	1,200	< 0.20	8.4 J	8.0 J	1.5 J	< 5.0	< 2.0	4.0 J	2.4 J	< 100	91.0 J	46.0	69.0	6.5	910
M03-13	2004 04 (Winter)		0.14 J	3.3 J	72.0	0.50 J	< 5.0	1.1 J	0.21 J	< 10.0	< 3.0	220	< 0.20	3.3 J	5.6J	< 5.0	< 5.0	< 5.0	2.7 J	10.0 J	< 100	12.0 J	19.0	18.0	3.7	190
	2004 02 (Summer)		1.8	6.8	81.0	< 1.0	< 5.0	0.88J	0.22 J	2.7	0.079 J	12.0	< 0.20	3.7 J	2.6	< 5.0	< 1.0	< 5.0	3.8J	5.6	< 50.0	39.0 J	14.0	18.0	6.2	200
	2003 04 (Winter)		< 5.0 UJ	< 50.0 UJ	56.3 J	< 4.0	< 5.0	< 10.0 UJ	< 10.0 UJ	< 10.0	< 10.0 UJ	31.5	-	< 50.0 UJ	< 20.0 UJ	< 20.0 UJ	< 10.0	-	< 50.0	12.6J	< 200	< 100 UJ	22.0	19.6	4.0	182
	2003 02 (Summer)		< 50.0	8.3 J	54.8J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	180	< 0.40	5.2 J	6.6J	< 20.0	< 10.0	< 5.0	3.0 J	< 20.0	< 200	< 100	25.4 J	24.0	6.0 J	200 J
	2002 04 (Winter)		0.13 J	5.9	44.0	< 2.0	< 5.0	< 10.0	0.62 J	0.37 J	0.20 J	570	< 0.20	5.8J	3.1 J	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	8.2 J	< 380	18.0	19.0	3.2	200
	2002 03 (Fall)		0.30 J	< 5.0	37.0	< 2.0	< 5.0	< 10.0	1.2 J	0.22 J	< 3.0	350	< 0.20	4.6J	5.5 J	< 5.0	< 5.0	< 2.0	3.2 J	3.0 J	< 100	63.0 J	19.0	19.0	3.3	190
M04-05	2004 04 (Winter)		0.38J	< 5.0	320	< 2.0	< 5.0	73.0	0.12 J	7.5 J	< 3.0	54.0	< 0.20	250	< 20.0	< 5.0	< 5.0	< 5.0	3.1 J	9.5 J	< 100	< 100	100	22.0	16.0	42.0

Table 3- 4
Groundwater Sample Analytical Results at IR Site 3 Group: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																		Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6 0	50. 0	1,000	4. 0	5. 0	50. 0	NA	1,300	1 5. 0	NA	2. 0	NA	1 00	50. 0	NA	2. 0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45. 8	28 4	575	3. 8	5. 4	1 3. 8	1 1. 6	27. 5	3. 9	5,21 3	0. 1 5	1 1. 5	19. 1	6 0	3. 3	5. 8	28 7	42. 9	439	7,1 35	38 0	500	1 82	4,500
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M04-05	2004 02 (Summer)		0. 42 J	1 . 9	38 0	< 1.0	< 1.0	71 . 0	0. 1 3 J	6 6	0. 29 J	58 0	< 0.20	350	3. 5	< 5.0	< 1.0	< 1.0	5. 5 J	37. 0 J	< 50.0	22. 0 J	99. 0	21. 0	1 8 0	44. 0
	2004 01 (Spring)		< 5.0	< 50.0	26 3	< 4.0	< 5.0	43. 9	5. 1 J	5. 4 J	< 10.0	< 10.0	< 0.40	1 67	< 20.0	< 20.0	< 10.0	< 5.0	1 9. 1 J	9. 9 J	< 200	< 100	95. 3	17. 0	1 2. 8	30. 7
	2003 04 (Winter)		< 5.0 UJ	< 50.0 UJ	322	< 4.0	< 5.0	81 . 6J	< 10.0 UJ	< 10.0	< 10.0 UJ	< 10.0	-	231 J	1 1. 5 J	< 20.0 UJ	< 10.0	-	1 9. 8J	21. 8	< 200	< 100 UJ	99. 9	21. 0	1 4. 6	45. 9
	2003 03 (Fall)		< 5.0	< 50.0	41 4	< 4.0	< 5.0	1 07	< 10.0	5. 9 J	< 10.0	30. 0	< 0.40	372	3. 3 J	< 20.0	< 10.0	< 5.0	< 50.0	5. 5 J	< 200	< 100	1 1 1	24. 8	1 9. 4 J	46 7
	2003 02 (Summer)		< 50.0	< 50.0	38 3	< 4.0	< 5.0	1 1 5	< 10.0	6 2 J	< 10.0	21. 5	< 0.40	335	3. 0 J	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	< 100	1 1 1 J	23. 5	1 3. 7 J	38 4 J
	2003 01 (Spring)		0. 34 J	< 5.0	270	< 2.0	< 5.0	65. 0	< 10.0	3. 9 J	< 3.0	0. 95 J	< 0.20	26 0	3. 1 J	< 5.0	< 5.0	< 1.0	3. 6J	9. 4 J	4. 7 J	240	80. 0	1 8 0	14. 0	28 0
	2002 04 (Winter)		< 50.0	1. 4 J	290	< 2.0	0. 093 J	1 9. 0	0. 24 J	2. 7 J	< 3.0	1 2. 0	< 0.23	31 0 J	5. 0 J	1. 3 J	< 5.0	< 2.0	< 10.0	< 20.0 UJ	< 100	300	96 0	24. 0	1 6 0	54. 0
	2002 03 (Fall)		0. 35 J	< 5.0	38 0	< 2.0	< 5.0	83. 0	0. 1 2 J	3. 8J	< 3.0	8 9 J	< 0.20	390	2. 8J	1. 0 J	< 5.0	< 2.0	6 3 J	7. 3 J	< 100	1 90	1 00	24. 0	1 8 0	49. 0
	2002 02 (Summer)		0. 44 J	1. 6J	340	< 2.0	< 5.0	87. 0	0. 1 1 J	4. 5 J	< 3.0	9. 8J	< 0.20	340	3. 2 J	1. 0 J	< 5.0	< 2.0	3. 9 J	1 0. 0 J	< 100	250	1 00	23. 0	17. 0	48 0
M04-06	2004 04 (Winter)		0. 48J	< 5.0	1 1 0	< 2.0	0. 40 J	< 10.0	0. 28J	6 4 J	< 3.0	1 50	< 0.20	2. 4 J	5. 8J	< 5.0	< 5.0	< 5.0	7. 1 J	6 9 J	< 100	1 8 0 J	1 20	1 8 0	8 3	1 1 0
	2004 02 (Summer)		0. 39 J	3. 2	1 60	< 1.0	0. 70 J	0. 43 J	0. 35 J	4. 8	< 1.0	740	< 0.20	< 20.0	1 1. 0	< 5.0	< 1.0	< 1.0	8 6J	1 5. 0 J	< 50.0	53. 0 J	1 40	23. 0	1 0. 0	81 . 0
	2003 04 (Winter)		< 5.0 UJ	< 50.0 UJ	1 48	< 4.0	< 5.0	< 10.0 UJ	< 10.0 UJ	5. 6J	< 10.0 UJ	90. 7	-	< 50.0 UJ	< 20.0 UJ	< 20.0 UJ	< 10.0	-	< 50.0	1 9. 7 J	< 200	< 100 UJ	1 61	23. 3	7. 8	28 7
	2003 02 (Summer)		< 50.0	< 50.0	1 78	< 4.0	< 5.0	< 10.0	< 10.0	4. 6J	< 10.0	58 2	< 0.40	< 50.0	1 0. 7 J	< 20.0	< 10.0	< 5.0	6 0 J	< 20.0	< 200	< 100	1 87	29. 5	1 0. 0 J	34. 1
	2002 04 (Winter)		0. 39 J	3. 9 J	1 1 0	< 2.0	0. 1 8J	< 10.0	0. 96J	5. 1 J	< 3.0	88 0	< 0.20	2. 4 J	< 20.0 UJ	< 5.0 UJ	< 5.0	< 2.5	5. 4 J	1. 9 J	< 100	41 0	98 0	23. 0	9. 7	98 0
	2002 02 (Summer)		0. 52 J	3. 8J	1 20	< 2.0	0. 30 J	2. 0 J	0. 74 J	6 2 J	0. 78J	440	< 0.20	< 20.0	8 7 J	< 5.0	< 5.0	< 2.0	9. 8J	3. 2 J	1 6 0 J	28 0	1 1 0	1 8 0	7. 5	67. 0
M07B-01	2004 04 (Winter)		0. 1 7 J	< 5.0	1 50	< 2.0	< 5.0	< 10.0	0. 27 J	< 10.0	< 3.0	230	< 0.20	< 20.0	< 20.0	< 5.0	3. 9 J	< 5.0	< 10.0	< 20.0	8 2 J	750	55. 0	26 0	14. 0	1 60
	2004 02 (Summer)		0. 1 4 J	< 17.0	1 30	0. 33 J	< 5.0	1. 3 J	0. 27 J	< 10.0	0. 43 J	1 50	< 0.20	3. 5 J	4. 0 J	< 5.0	< 5.0	< 1.0	< 10.0	1 9. 0 J	< 50.0	98 0 J	45. 0	26 0	1 9. 0	220
	2003 04 (Winter)		< 5.0 UJ	5. 6J	58 2 J	< 4.0	< 5.0	< 10.0 UJ	< 10.0 UJ	< 10.0	< 10.0 UJ	< 10.0	-	< 50.0 UJ	< 20.0 UJ	< 20.0 UJ	< 10.0	-	< 50.0	6 9 J	< 200	< 100 UJ	31. 4	1 2. 4	3. 7	42. 1
	2003 02 (Summer)		< 50.0	< 50.0	91. 6J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	75. 9	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	25. 7 J	31. 7	14. 7	1 1. 6J	97. 5
	2002 04 (Winter)		< 50.0	7. 9	1 60	< 2.0	< 5.0	< 10.0	0. 21 J	0. 29 J	< 3.0	1 90	< 0.21	3. 7 J	1. 2 J	0. 95 J	< 5.0	< 2.0	< 10.0	< 20.0 UJ	< 100	300	51. 0	29. 0	1 8 0	21 0
	2002 02 (Summer)		0. 27 J	7. 4	1 20 J	< 2.0	< 5.0	< 10.0	0. 23 J	0. 54 J	0. 1 3 J	92. 0 J	0. 041 J	3. 1 J	0. 71 J	< 5.0	< 5.0	< 2.0	< 10.0	9. 6J	80. 0 J	58 0 J	41. 0	20. 0 J	1 3. 0	1 30
M11-01	2004 04 (Winter)		0. 1 2 J	< 5.0	1 80	< 2.0	< 5.0	< 10.0	0. 28J	< 10.0	< 3.0	800	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 5.0	< 10.0	< 20.0	4. 0 J	2,200	55. 0	37. 0	29. 0	270
	2004 02 (Summer)		0. 1 7 J	< 13.0	1 40	0. 30 J	< 5.0	0. 83 J	0. 21 J	< 10.0	0. 06BJ	630	< 0.20	< 20.0	1. 6J	< 5.0	< 5.0	< 1.0	< 10.0	28 0	< 50.0	2,200	36 0	32. 0	30. 0	360
	2003 04 (Winter)		< 5.0 UJ	< 50.0	1 72	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	585	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	8 1 J	< 200	1,730	52. 2	36 7	< 29.2	297
	2003 02 (Summer)		< 50.0	< 50.0	1 88	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	1,060	< 0.40	< 50.0	4. 8J	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	2,31 0	56 1 J	37. 3	25. 4 J	262 J
	2002 04 (Winter)		< 50.0	3. 7 J	1 50	< 2.0	< 5.0	< 10.0	0. 24 J	0. 25 J	< 3.0	520	< 0.27	1. 1 J	2. 1 J	1. 4 J	< 5.0	< 2.0	< 10.0	21. 0 J	< 100	2,500	39. 0	32. 0	27. 0	820
	2002 02 (Summer)		< 50.0	3. 3 J	1 60	< 2.0	< 5.0	1. 1 J	0. 36J	0. 49 J	< 3.0	880	< 0.20	< 20.0	2. 8J	1. 6J	< 5.0	< 2.0	1. 4 J	6 5 J	< 100	1,1 00	45. 0	33. 0	28 0	280
M11-04	2004 04 (Winter)		0. 18J	< 5.0	61. 0	< 2.0	< 5.0	< 10.0	0. 1 3 J	< 10.0	< 3.0	1 80	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 5.0	< 10.0	< 20.0	1 0. 0 J	74. 0 J	48 0	20. 0	9. 3	35. 0
	2004 02 (Summer)		0. 20 J	< 12.0	76 0	0. 36J	< 5.0	< 10.0	0. 1 1 J	< 10.0	< 1.0	1 90	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 1.0	1. 2	21. 0	< 50.0	1 90	49. 0	22. 0	1 0. 0	43. 0
	2003 04 (Winter)		< 5.0	5. 2 J	78 5 J	< 4.0	2. 5 J	17. 9	1 6 0	17. 1	< 10.0	1 78	< 0.40	< 50.0	1 4. 4 J	< 20.0	< 27.5	< 5.0	< 50.0	< 20.0	< 200	73. 0 J	66 8	6 4	21. 7	35. 5
	2003 02 (Summer)		< 50.0	< 50.0	1 06	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	21 8	< 0.40	< 50.0	1. 3 J	< 20.0	< 10.0	< 5.0	2. 5 J	< 20.0	< 200	1 75	87. 3	40. 8	1 2. 7 J	59. 2
	2002 04 (Winter)		< 50.0	6 5	70. 0	< 2.0	< 5.0	< 10.0	0. 1 7 J	0. 55 J	< 3.0	200	< 0.20	3. 0 J	1. 2 J	0. 36J	< 5.0	< 2.0	< 10.0	1 4. 0 J	< 100	270	45. 0	17. 0	9. 1	39. 0
	2002 02 (Summer)		0. 21 J	< 5.0	99. 0 J	< 2.0	< 5.0	< 10.0	0. 1 2 J	0. 73 J	0. 1 1 J	220 J	< 0.20	1. 4 J	0. 82 J	< 5.0	< 5.0	< 2.0	< 10.0	0. 70 J	1 50	200	71. 0	30. 0 J	1 1. 0	58 0
M11-05	2004 04 (Winter)		0. 1 3 J	< 5.0	370	< 2.0	< 5.0	< 10.0	0. 27 J	< 10.0	< 3.0	1,300	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 5.0	< 10.0	< 20.0	< 100	3,1 00	1 60	1 30	46 0	1,000
	2004 02 (Summer)		0. 090 J	< 5.7	1 30	0. 31 J	< 5.0	1. 6J	0. 1 3 J	< 10.0	0. 56J	380	< 0.20	< 20.0	3. 2 J	< 5.0	0. 99 J	< 1.0	< 10.0	22. 0	< 50.0	890	46 0	37. 0	28 0	650
	2003 04 (Winter)		< 5.0 UJ	5. 8J	206	< 4.0	< 5.0	< 10.0 UJ	< 10.0 UJ	< 10.0	< 10.0 UJ	826	-	12. 8J	< 20.0 UJ	< 20.0 UJ	< 10.0	-	< 50.0	1 1. 4 J	< 200	2,050 J	1 03	89. 6	39. 2	81 1
	2003 02 (Summer)		< 50.0	< 50.0	1 41	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	463	< 0.40	< 50.0	1. 9 J	< 20.0	< 10.0	< 5.0	2. 0 J	< 20.0	< 200	1,360	58 6J	50. 0	37. 5 J	793 J
	2002 04 (Winter)		< 50.0	4. 5 J	760	< 2.0	< 5.0	< 10.0	0. 44 J	1. 6J	< 3.0	2,700	< 0.20	2. 2 J	2. 8J	< 5.0	0. 74 J	< 2.0	< 10.0	< 20.0	< 100	8400	290	280	57. 0	1,500

FWBZ

Table 3- 4
Groundwater Sample Analytical Results at IR Site 3 Group: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																		Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6 0	50. 0	1,000	4. 0	5. 0	50. 0	NA	1,300	1 5. 0	NA	2. 0	NA	1 00	50. 0	NA	2. 0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45. 8	28 4	575	3. 8	5. 4	1 3. 8	1 1. 6	27. 5	3. 9	5,21 3	0. 1 5	1 1. 5	19. 1	6 0	3. 3	5. 8	28 7	42. 9	439	7,1 35	38 0	500	1 82	4,500
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M11-05	2002 02 (Summer)		0. 072 J	5. 4	1 20 J	< 2.0	< 5.0	1. 9 J	0. 1 2 J	0. 69 J	0. 047 J	370 J	< 0.20	2. 3 J	0. 99 J	2. 2 J	< 5.0	< 2.0	< 10.0	< 20.0	< 100	870	42. 0	36 0 J	24. 0	670
M11-06	2004 04 (Winter)		0. 1 3 J	< 5.0	58 0	< 2.0	< 5.0	< 10.0	0. 094 J	< 10.0	< 3.0	1 90	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 5.0	< 10.0	1 6 0 J	6 5 J	200	32. 0	27. 0	1 8 0	250
	2004 02 (Summer)		0. 079 J	< 5.0	93. 0	0. 37 J	< 5.0	1. 1 J	0. 1 1 J	< 10.0	0. 43 J	270	< 0.20	< 20.0	2. 4 J	< 5.0	< 5.0	< 1.0	< 10.0	1 8 0 J	< 50.0	320	38 0	34. 0	21. 0	320
	2003 04 (Winter)		< 5.0 UJ	< 50.0	63. 3 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	89. 1	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	< 20.0	< 200	96 6J	37. 4	26 3	< 14.3	1 39
	2003 02 (Summer)		< 50.0	< 50.0	81. 5 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	1 89	< 0.40 UJ	< 50.0	1. 3 J	< 20.0	< 10.0	< 5.0	2. 0 J	< 20.0	< 200	1 78	35. 1	25. 4	20. 4 J	1 71
	2002 04 (Winter)		< 50.0	2. 7 J	43. 0	< 2.0	< 5.0	< 10.0	0. 1 2 J	0. 43 J	< 3.0	1 80	< 0.20	1. 6J	0. 65J	0. 75 J	< 5.0	< 2.0	< 10.0	< 20.0 UJ	< 100	270	20. 0	1 8 0	1 6 0	21 0
	2002 02 (Summer)		< 50.0	< 5.0	50. 0 J	< 2.0	< 5.0	< 10.0	0. 06 8J	0. 51 J	0. 30 J	1 1 0 J	< 0.20	1. 4 J	0. 42 J	< 5.0	< 5.0	< 2.0	< 10.0	1 0. 0 J	< 100	1 40	21. 0	14. 0	13. 0	1 40
MBG-3	2004 04 (Winter)		0. 1 8J	1 2. 0	1 40	< 2.0	< 5.0	2. 8J	0. 1 8J	< 10.0	< 3.0	500	< 0.20	< 20.0	2. 2 J	< 5.0	< 5.0	< 5.0	2. 7 J	8 8J	< 100	1 7,000	67. 0	50. 0	13. 0	96 0
	2004 02 (Summer)		1. 4	13. 0	1 30	< 1.0	< 1.0	2. 2	0. 1 7 J	0. 33 J	0. 073 J	490	< 0.20	0. 88J	< 20.0	< 1.0	< 1.0	< 1.0	< 2.4	1 2. 0	6 1 J	1 7,000	60. 0 J	50. 0	17. 0	1 1 0
	2003 04 (Winter)		< 5.0 UJ	10. 2 J	1 30	< 4.0	< 5.0	< 10.0 UJ	< 10.0 UJ	< 10.0	< 10.0 UJ	499	-	< 50.0 UJ	< 20.0 UJ	< 20.0 UJ	< 10.0	-	< 50.0	1 3. 9 J	< 200	1 8200 J	68 9	55. 3	1 5. 4	1 1 1
	2003 02 (Summer)		< 50.0	1 5. 1 J	1 31	< 4.0	< 5.0	2. 7 J	< 10.0	< 10.0	< 10.0	483	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	3. 0 J	1 3. 7 J	< 200	1 8000	60. 7	51. 7	1 9. 7 J	1 09
	2002 04 (Winter)		0. 1 9 J	13. 0	< 75.0 UJ	< 2.0	< 5.0	3. 3 J	0. 1 9 J	0. 1 0 J	< 3.0	270 J	< 0.20	1. 3 J	1. 2 J	0. 64 J	< 5.0	< 3.3	3. 4 J	< 20.0	< 100	1 6000	30. 0 J	29. 0 J	17. 0	72. 0
	2002 02 (Summer)		0. 1 8J	14. 0	1 30 J	< 2.0	< 5.0	5. 6J	0. 1 7 J	0. 31 J	0. 056J	450	< 0.20	0. 91 J	1. 2 J	0. 82 J	0. 1 5 J	< 2.0	4. 5 J	1. 8J	7. 2 J	1 5,000	52. 0	48 0	1 5. 0	1 20
MW360-1	2004 04 (Winter)		0. 1 3 J	< 5.0	41. 0	< 2.0	< 5.0	4. 0 J	5. 7	5. 0 J	97. 0 J	1 80	< 0.20	< 20.0	700	4. 4 J	< 5.0	< 5.0	4. 1 J	8 2 J	< 100	24. 0 J	6 2	14. 0	5. 2	800
	2004 02 (Summer)		0. 1 8J	1. 0	43. 0	< 1.0	< 1.0	0. 23 J	4. 7	6 8	0. 44 J	21 0	< 0.20	1. 1 J	71 0	0. 85 J	< 1.0	< 1.0	4. 7	3. 6	2. 8J	< 100	6 6J	1 6 0	5. 4	800
	2004 01 (Spring)		< 5.0	< 50.0	42. 3 J	< 4.0	< 5.0	< 10.0	7. 4 J	6 8J	< 10.0	204	< 0.40	< 50.0	663	< 20.0	< 10.0	< 5.0	7. 1 J	< 20.0	< 200	< 100	6 7	1 5. 9	6 4	826
	2003 04 (Winter)		< 5.0 UJ	< 50.0	42. 6J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	200	< 0.40	< 50.0	625	< 20.0	< 10.0	< 5.0 UJ	< 50.0	< 20.0	< 200	< 100	6 5	1 5. 5	< 6.0	862
	2003 03 (Fall)		< 5.0	< 50.0	44. 5 J	< 4.0	< 5.0	< 10.0	4. 7 J	3. 5 J	< 10.0	208J	< 0.40	< 50.0	624 J	< 20.0	< 10.0	< 5.0	4. 6J	< 20.0	32. 9 J	45. 6J	6 8J	1 6 4 J	5. 1	756
	2003 02 (Summer)		< 50.0	< 50.0	47. 8J	< 4.0	< 5.0	< 10.0	4. 7 J	2. 8J	< 10.0	234	< 0.40	< 50.0	664	< 20.0	< 10.0	< 5.0	4. 9 J	1 2. 6J	< 200	< 100	7. 5	17. 4	9. 6J	776
	2003 01 (Spring)		< 1.0	< 5.0	47. 0	< 2.0	< 5.0	< 10.0	7. 7 J	5. 0 J	3. 1	230	< 0.20	2. 3 J	590	2. 7 J	< 5.0	< 1.0	5. 9 J	9. 4 J	< 100	96 0 J	7. 7 J	1 6 0	5. 3	740
	2002 04 (Winter)		0. 1 2 J	2. 2 J	50. 0	< 2.0	0. 078J	< 10.0	4. 1 J	2. 8J	< 3.0	21 0	< 0.20	< 20.0	51 0 J	3. 4 J	< 5.0	< 2.0	4. 4 J	< 20.0	8 7 J	< 100	7. 0	14. 0	5. 6	990
	2002 03 (Fall)		0. 1 7 J	< 5.0	45. 0	< 2.0	< 5.0	0. 1 0 J	4. 1 J	2. 9 J	< 3.0	21 0	< 0.20	0. 87 J	520	1. 5 J	< 5.0	< 2.0	5. 1 J	0. 49 J	< 100	< 100	6 6	1 6 0	5. 5	960
	2002 02 (Summer)		< 50.0	< 5.0	52. 0	< 2.0	< 5.0	5. 5 J	< 10.0	3. 0 J	< 3.0	230	< 0.20	< 20.0	500	1. 8J	< 5.0	< 2.0	5. 7 J	1. 4 J	66 0 J	18 0 J	7. 7	1 6 0	5. 0	850
MW360-2	2004 04 (Winter)		0. 08 0 J	23. 0	1 00	< 2.0	< 5.0	< 10.0	3. 5	< 10.0	< 3.0	2,300	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 5.0	< 10.0	< 20.0	< 100	3,500	41. 0	31. 0	< 0.50	43. 0
	2004 02 (Summer)		< 1.0	6 5	870	< 1.0	< 1.0	1. 4	1 5. 0	1. 4	0. 37 J	5,400	< 0.20	< 20.0	19. 0	< 5.0	< 1.0	< 1.0	< 10.0	< 1.0	< 50.0	1,1 00 J	1 90	220	1. 0	440
	2004 01 (Spring)		< 5.0	9. 3 J	469	< 4.0	< 5.0	< 10.0	8 3 J	< 10.0	< 10.0	4,240	< 0.40	< 50.0	1 8 0 J	< 20.0	< 10.0	< 10.0	< 50.0	< 20.0	< 200	1,940	1 40	1 54	< 0.74	250
	2003 04 (Winter)		< 5.0 UJ	27. 0 J	80. 8J	< 4.0	< 5.0	< 10.0 UJ	< 10.0 UJ	< 10.0	< 10.0 UJ	1,930	-	< 50.0 UJ	< 20.0 UJ	< 20.0 UJ	< 10.0	-	< 50.0	1 2. 3 J	< 200	3,8 1 0 J	37. 6	22. 4	0. 50	38 1
	2003 03 (Fall)		< 5.0	7. 8J	809	< 4.0	< 5.0	< 10.0	1 5. 5	2. 4 J	< 10.0	4,770 J	< 0.40	< 50.0	1 8 5 J	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	2,01 0	202 J	236J	1. 5	304
	2003 02 (Summer)		< 50.0	< 50.0	8 1	< 4.0	< 5.0	< 10.0	17. 1	< 10.0	< 10.0	4,680	< 0.40	< 50.0	21. 2	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	71 5	205	257	1. 2 J	375
	2003 01 (Spring)		< 1.0	4. 2 J	800	< 2.0	< 5.0	< 10.0	17. 0	1. 2 J	< 3.0	4,200	< 0.20	1. 4 J	21. 0	4. 7 J	< 5.0	< 1.0	< 10.0	< 20.0	3. 1 J	1,400	1 90	21 0	0. 85	340
	2002 04 (Winter)		< 50.0	13. 0	320	< 2.0	< 5.0	< 10.0	6 9 J	0. 59 J	< 3.0	3,500	< 0.20	2. 8J	7. 1 J	1. 6J	< 5.0	< 2.0	< 10.0	< 20.0 UJ	< 100	3,200	98 0	94. 0	0. 92	1 60
	2002 03 (Fall)		0. 049 J	1 2. 0	690	< 2.0	< 5.0	0. 1 2 J	1 2. 0	0. 81 J	< 3.0	4,400	< 0.20	2. 1 J	11. 0 J	3. 1 J	< 5.0	< 2.0	0. 88J	< 20.0	< 100	3,1 00	1 90	220	0. 96	360
	2002 02 (Summer)		< 50.0	8 3	760	< 2.0	0. 27 J	1. 8J	1 3. 0	1. 8J	< 3.0	4,600	0. 044 J	< 20.0	14. 0 J	5. 0 J	< 5.0	< 2.0	1. 2 J	< 20.0	< 100	1,900	200	220	0. 91	360
MW360-3	2004 04 (Winter)		0. 1 9 J	10. 0	51. 0	< 2.0	< 5.0	< 10.0	4. 1	4. 6J	< 3.0	1,300	< 0.20	23. 0	17. 0 J	< 5.0	< 5.0	< 5.0	5. 9 J	< 20.0	< 100	35. 0 J	24. 0	21. 0	1 3. 0	260
	2004 02 (Summer)		0. 28J	8 5	57. 0	< 1.0	< 1.0	0. 93 J	5. 0	2. 4	0. 32 J	1,300	< 0.20	35. 0	23. 0	< 5.0	< 1.0	< 1.0	8 2 J	6 6J	< 50.0	47. 0 J	27. 0	20. 0	1 3. 0	270
	2004 01 (Spring)		< 5.0	< 50.0	1 55	< 4.0	< 5.0	< 10.0	8 9 J	5. 3 J	< 10.0	3,370	< 0.40	14. 2 J	31. 7	5. 0 J	< 10.0	< 5.0	9. 0 J	< 21.6	< 200	< 100	69. 9	72. 2	1 9. 0	460
	2003 04 (Winter)		< 5.0	1 2. 5 J	52. 7 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	1,41 0	< 0.40	38 3 J	27. 0	5. 0 J	< 10.0	< 5.0	10. 6J	< 20.0	< 200	< 100	26 6	22. 1	1 6 2	296
	2003 03 (Fall)		< 5.0	< 50.0	49. 7 J	< 4.0	< 5.0	< 10.0	4. 5 J	1. 4 J	< 10.0	1,320 J	< 0.40	28 7 J	24. 2 J	< 20.0	< 10.0	< 5.0	7. 2 J	< 20.0	< 200	47. 4 J	22. 4 J	1 9. 2 J	17. 8	225

FWBZ

Table 3- 4
Groundwater Sample Analytical Results at IR Site 3 Group: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																		Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6 0	50. 0	1,000	4. 0	5. 0	50. 0	NA	1,300	1 5. 0	NA	2. 0	NA	1 00	50. 0	NA	2. 0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45. 8	28 4	575	3. 8	5. 4	1 3. 8	1 1. 6	27. 5	3. 9	5,21 3	0. 1 5	1 1. 5	1 9. 1	6 0	3. 3	5. 8	28 7	42. 9	439	7,1 35	38 0	500	1 82	4,500
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW360-3	2003 02 (Summer)		< 50.0	7. 8J	59. 7 J	< 4.0	< 5.0	< 10.0	4. 8J	< 10.0	< 10.0	1,51 0	< 0.40	29. 8J	26 4	< 20.0	< 10.0	< 5.0	7. 1 J	< 20.0	< 200	< 100	27. 8J	24. 1	11. 2 J	252 J
	2003 01 (Spring)		< 1.0	5. 8	93. 0	< 2.0	< 5.0	< 10.0	4. 8J	2. 8J	< 3.0	1,700	< 0.20	20. 0 J	25. 0	< 5.0	< 5.0	< 1.0	7. 8J	8 9 J	5. 3 J	1 50	33. 0	34. 0	13. 0	31 0
	2002 04 (Winter)		< 50.0	7. 4	55. 0	< 2.0	0. 054 J	< 10.0	5. 1 J	2. 8J	< 3.0	3,200	< 0.26	25. 0 J	22. 0	0. 80 J	< 5.0	< 2.0	8 4 J	< 20.0 UJ	< 100	1 20	58 0	54. 0	13. 0	620
	2002 03 (Fall)		0. 20 J	7. 8	44. 0	< 2.0	< 5.0	0. 74 J	5. 1 J	2. 0 J	< 3.0	1,200	< 0.20	26 0	22. 0	< 5.0	< 5.0	< 2.0	8 4 J	< 20.0	< 100	62. 0 J	20. 0	17. 0	13. 0	240
	2002 02 (Summer)		< 50.0	7. 5	53. 0	< 2.0	< 5.0	3. 6J	< 10.0	3. 7 J	< 3.0	1,1 00	0. 044 J	25. 0	24. 0	0. 54 J	< 5.0	< 2.0	1 0. 0 J	2. 3 J	34. 0 J	79. 0 J	24. 0	1 9. 0	1 2. 0	250
MW360-4	2004 04 (Winter)		0. 1 1 J	5. 8	30. 0	< 2.0	< 5.0	< 10.0	0. 27 J	< 10.0	< 3.0	270	< 0.20	33. 0	< 20.0	< 5.0	< 5.0	< 5.0	< 10.0	< 20.0	< 100	22. 0 J	1 4. 0	1 3. 0	4. 6	1 20
	2004 02 (Summer)		0. 16J	4. 8	31. 0	< 1.0	< 1.0	0. 18J	0. 22 J	1. 1	0. 083 J	280	< 0.20	33. 0	3. 3	< 5.0	< 1.0	< 1.0	4. 2 J	1 0. 0 J	6 1 J	88. 0 J	1 3. 0	1 1. 0	5. 7	1 20
	2004 01 (Spring)		< 5.0	< 50.0	38 6J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	1 91	< 0.40	1 9. 6J	< 20.0	< 20.0	< 10.0	< 5.0	9. 4 J	8 6J	< 200	< 100	1 4. 0	1 4. 4	4. 5	1 86
	2003 04 (Winter)		< 5.0 UJ	4. 8J	29. 4 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	1 74	< 0.40	38 8J	< 20.0	< 20.0	< 10.0	< 5.0 UJ	6 0 J	< 20.0	< 200	42. 3 J	1 5. 4	1 2. 4	6 7	82. 9
	2003 03 (Fall)		< 5.0	< 50.0	39. 2 J	< 4.0	< 5.0	< 10.0	< 10.0	1. 2 J	< 10.0	293 J	< 0.40	24. 3 J	9. 9 J	< 20.0	< 10.0	< 5.0	5. 5 J	< 20.0	< 200	40. 3 J	12. 4 J	13. 9 J	4. 0	1 62
	2003 02 (Summer)		< 50.0	< 50.0	34. 4 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	229	< 0.40	30. 0 J	3. 8J	< 20.0	< 10.0	< 5.0	4. 0 J	< 20.0	< 200	< 100	1 3. 0	12. 9	4. 3 J	1 26
	2003 01 (Spring)		< 1.0	3. 7 J	40. 0	< 2.0	< 5.0	< 10.0	< 10.0	1. 9 J	< 3.0	95. 0	< 0.20	21. 0	3. 9 J	< 5.0	< 5.0	< 1.0	5. 2 J	1 1. 0 J	9. 8J	66 0 J	1 3. 0	1 3. 0	3. 6	1 70
	2002 04 (Winter)		0. 1 1 J	3. 9 J	< 36.0	< 2.0	< 5.0	< 10.0	0. 25 J	0. 86J	< 3.0	220	< 0.20	36 0	3. 5 J	< 5.0	< 5.0	< 2.0	5. 1 J	1. 0 J	9. 4 J	< 100	1 2. 0	1 1. 0	4. 4	1 60
	2002 03 (Fall)		0. 1 1 J	7. 8	24. 0	< 2.0	< 5.0	0. 16J	0. 24 J	0. 62 J	< 3.0	250	< 0.20	80. 0	2. 8J	< 5.0	< 5.0	< 2.0	6 3 J	2. 5 J	44. 0 J	78 0 J	9. 9	8 6	6 1	79. 0
	2002 02 (Summer)		< 50.0	5. 0 J	35. 0	< 2.0	< 5.0	1. 7 J	< 10.0	1. 2 J	< 3.0	74. 0	< 0.20	38 0	3. 4 J	< 5.0	< 5.0	< 2.0	5. 8J	2. 8J	40. 0 J	52. 0 J	1 3. 0	1 2. 0	4. 2	1 40
MW97-3	2004 04 (Winter)		0. 27 J	< 5.0	1 00	< 2.0	< 5.0	< 10.0	1. 0	8 6J	< 3.0	270	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 5.0	3. 7 J	1 1. 0 J	< 100	< 100	1 00	23. 0	9. 7	27. 0
	2004 02 (Summer)		1. 5	2. 5	1 20	< 1.0	< 1.0	< 1.0	2. 1	9. 8	0. 1 0 J	700	< 0.20	3. 2 J	17. 0 J	0. 63 J	< 1.0	< 1.0	< 1.8	1 2. 0	4. 5 J	< 100	1 30 J	28 0	1 2. 0	30. 0
	2004 01 (Spring)		< 5.0	< 50.0	1 24	< 4.0	< 5.0	< 10.0	5. 3 J	1 1. 3	< 10.0	380	< 0.40	< 50.0	25. 0	< 20.0	< 10.0	< 5.0	5. 8J	58 3	< 200	< 100	1 29	28 2	1 1. 6J	26 8
	2003 04 (Winter)		< 5.0 UJ	< 50.0	1 17	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	709	< 0.40	< 50.0	18 5 J	< 20.0	< 10.0	2. 1 J	< 50.0	< 20.0	< 200	87. 5 J	1 17	25. 4	< 11.7	27. 0
	2003 03 (Fall)		< 5.0	< 50.0	99. 1 J	< 4.0	< 5.0	< 10.0	< 10.0	6 2 J	< 10.0	621 J	< 0.40	< 50.0	12. 0 J	< 20.0	< 10.0	< 5.0	1. 7 J	< 20.0	< 200	1 12	100 J	23. 3 J	12. 8	29. 0
	2003 02 (Summer)		< 50.0	< 50.0	1 30	< 4.0	< 5.0	< 10.0	< 10.0	7. 6J	< 10.0	81 2	< 0.40	< 50.0	16 5 J	< 20.0	< 10.0	< 5.0	1. 8J	< 20.0	< 200	229	1 24	31. 0	16 7	41. 2 J
	2003 01 (Spring)		0. 30 J	4. 1 J	93. 0	< 2.0	< 5.0	< 10.0	< 10.0	5. 4 J	< 3.0	51 0	< 0.20	4. 0 J	11. 0 J	< 5.0	< 5.0	< 1.0	1. 8J	2. 8J	3. 0 J	390	87. 0	18 0	12. 0	17. 0
	2002 04 (Winter)		0. 18J	4. 5 J	85. 0	< 2.0	< 5.0	< 10.0	0. 46J	4. 2 J	< 3.0	490	< 0.20	< 20.0	8 4 J	< 5.0	< 5.0	< 2.0	1. 6J	< 20.0	8 9 J	470	82. 0	18 0	13. 0	35. 0
	2002 03 (Fall)		0. 34 J	4. 5 J	72. 0	0. 079 J	0. 071 J	< 10.0	0. 42 J	5. 7 J	< 3.0	350	< 0.20	3. 0 J	7. 0 J	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	< 100	230	75. 0	20. 0	12. 0	29. 0
	2002 02 (Summer)		0. 21 J	4. 4 J	96 0	< 2.0	0. 055 J	3. 0 J	0. 45 J	6 0 J	< 3.0 UJ	480	< 0.20	2. 6J	8 6J	-	< 5.0	< 2.0 UJ	2. 8J	< 20.0	21 0	390	97. 0	25. 0	16 0	52. 0
WA-8	2004 04 (Winter)		0. 23 J	6 4	1 40	< 2.0	< 5.0	1. 6J	0. 48J	< 10.0	< 3.0	1,000	< 0.20	2. 1 J	3. 1 J	< 5.0	< 5.0	< 5.0	1. 2 J	8 1 J	< 100	3,300	44. 0	36 0	31. 0	550
	2004 02 (Summer)		0. 16J	4. 0	1 90	< 1.0	< 1.0	1. 3	0. 40 J	0. 32 J	0. 077 J	1,300	< 0.20	< 5.0	2. 2	0. 60 J	< 1.0	< 1.0	1. 6	0. 84 J	< 50.0	4,000	65. 0	49. 0	38 0	590
	2003 04 (Winter)		< 5.0 UJ	< 50.0	1 72	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	2. 8J	1,220	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	< 20.0	< 200	3,250	58 3	44. 9	< 38.2	630
	2003 02 (Summer)		< 50.0	6 7 J	1 46	< 4.0	< 5.0	< 10.0	2. 0 J	< 10.0	< 10.0	1,200	< 0.40 UJ	< 50.0	2. 4 J	< 20.0	< 10.0	< 5.0	< 50.0	9. 7 J	< 200	3,670	60. 2	39. 9	23. 0 J	359
	2002 04 (Winter)		< 50.0	5. 7	1 70	< 2.0	< 5.0	< 10.0	0. 50 J	0. 62 J	< 3.0	750	< 0.20	2. 3 J	2. 4 J	1. 5 J	< 5.0	< 2.0	< 10.0	< 20.0 UJ	< 100	2,200	53. 0	43. 0	34. 0	500
	2002 02 (Summer)		0. 55 J	1 1. 0	21 0 J	< 2.0	< 5.0	< 10.0	0. 34 J	0. 67 J	0. 064 J	1,400 J	< 0.20	1. 9 J	2. 0 J	1. 5 J	< 5.0	< 2.0	< 10.0	1. 3 J	970 J	4,000	88. 0	60. 0 J	32. 0	530
D03-01	2004 04 (Winter)		0. 19 J	< 5.0	67. 0	< 2.0	< 5.0	2. 0 J	28 0	< 10.0	< 3.0	15,000	< 0.20	< 20.0	42. 0 J	4. 8J	< 5.0	15. 0	1. 0 J	15. 0 J	< 100	380	590	1,300	220	8700
	2004 02 (Summer)		4. 3	5. 5	63. 0	< 1.0	0. 71 J	2. 3 J	28 0	10. 0	0. 32 J	16000	< 0.20	1. 1 J	46 0	< 5.0	< 1.0	< 5.0	2. 4 J	< 1.0	< 50.0	1,900	720	1,600	260	11,000
	2003 04 (Winter)		< 5.0 UJ	76 0	61. 0 J	< 4.0	< 5.0	< 10.0	< 26.2	< 10.0	7. 3 J	13,500	< 0.40	30. 5 J	32. 0	< 20.0	< 10.0	< 10.0 UJ	< 50.0	< 20.0	< 200	575	697	1,480	346	10,000
	2003 02 (Summer)		< 50.0	< 50.0	69. 9 J	< 4.0	0. 58J	< 10.0	29. 5	< 10.0	< 10.0	15,700	< 0.40 UJ	< 50.0	38 8	< 20.0	< 10.0	< 100	< 50.0	< 20.0	< 200	701	689	1,460	236J	8290
	2002 04 (Winter)		0. 21 J	15. 0	< 80.0	0. 030 J	< 5.0	< 10.0	23. 0 J	6 1 J	< 3.0	16000	< 0.20	< 20.0	34. 0 J	57. 0	< 5.0	< 2.0	0. 72 J	< 20.0	5. 6J	2,600	640	1,500	240 J	9,900
	2002 02 (Summer)		< 50.0	< 5.0	63. 0	< 2.0	2. 8J	6 1 J	35. 0	12. 0	< 3.0 UJ	13,000	< 0.20	1. 2 J	< 55.0	-	1. 7 J	1. 8J	4. 2 J	< 20.0	1,1 00	2,000	660	1,500	230	9,800
D04-01	2004 04 (Winter)		0. 32 J	7. 9	59. 0	< 2.0	< 5.0	< 10.0	2. 8	< 10.0	< 3.0	26000	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	8 4	< 10.0	< 400	< 100	7,800	1,400	2,200	49. 0	9,600

FWBZ

SWBZ

Table 3-4
Groundwater Sample Analytical Results at IR Site 3 Group: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																			Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWBZ	D04-01	2004 02 (Summer)	0.71 J	< 1.0	52.0	< 1.0	< 1.0	1.7	3.0	13.0	0.23 J	26,000	< 0.20	< 20.0	16.0	< 5.0	< 1.0	< 1.0	5.9 J	< 1.0	< 50.0	5,900 J	1,400	2,100	45.0	10,000
		2003 04 (Winter)	< 25.0	< 50.0	38.7 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	23,700	< 0.40	15.3 J	< 20.0	< 20.0	< 10.0	< 25.0	< 50.0	< 20.0	< 200	5,650	1,390	2,200	58.8	10,500
		2003 02 (Summer)	18.1 J	10.4 J	59.5 J	< 4.0	< 5.0	< 10.0	2.6 J	< 10.0	< 10.0	27,200	< 0.40	< 50.0	12.5 J	< 20.0	< 10.0	< 100	< 50.0	< 20.0	< 200	8,480	1,580 J	2,400	50.0 J	9,540 J
		2002 04 (Winter)	0.25 J	19.0	< 49.0	< 2.0	< 5.0	< 10.0	1.7 J	9.4 J	< 3.0	26,000	< 0.20	< 20.0	6.3 J	60.0	< 5.0	< 2.0	< 10.0	< 20.0	29.0 J	10,000	1,400	2,300	35.0 J	11,000
		2002 02 (Summer)	< 50.0	< 5.0	50.0	< 2.0	< 5.0	3.5 J	< 10.0	13.0	< 3.0 UJ	23,000	0.052 J	1.0 J	< 20.0	-	< 5.0	< 2.0 UJ	1.5 J	< 20.0	1,800	10,000	1,300	2,100	38.0	9,900
	D04-02	2004 04 (Winter)	0.18 J	8.5	53.0	< 2.0	0.40 J	1.9 J	5.5	< 10.0	< 3.0	18,000	< 0.20	< 20.0	1.2 J	< 5.0	< 5.0	< 100	< 10.0	15.0 J	< 100	8,000	1,200	1,600	24.0	9,000
		2004 02 (Summer)	0.75 J	< 1.0	57.0	< 1.0	< 1.0	1.6	6.5	14.0	0.20 J	20,000	< 0.20	< 20.0	17.0	< 5.0	< 1.0	< 1.0	2.4 J	< 1.0	< 50.0	8,500 J	1,500	1,900	27.0	10,000
		2003 04 (Winter)	< 10.0 UJ	< 50.0 UJ	46.3 J	< 4.0	< 5.0	< 10.0 UJ	< 10.0 UJ	< 10.0	< 10.0 UJ	14,900	-	23.8 J	< 20.0 UJ	< 20.0 UJ	< 10.0	-	< 50.0	< 20.0	< 200	5,590 J	1,610	2,120	32.6	9,600
		2003 02 (Summer)	< 50.0	8.3 J	54.6 J	< 4.0	< 5.0	< 10.0	2.7 J	< 10.0	< 10.0	19,400	< 0.40	< 50.0	2.2 J	< 20.0	< 10.0	< 100	< 50.0	< 20.0	< 200	8,570	1,560	2,080	84.6 J	8,290
		2002 04 (Winter)	0.18 J	20.0	58.0	< 2.0	0.055 J	< 10.0	2.4 J	8.2 J	< 3.0	17,000	< 0.20	< 20.0	6.9 J	78.0	< 5.0	< 2.0	< 10.0	< 20.0	27.0 J	15,000	1,400	2,000	26.0 J	9,200
		2002 02 (Summer)	< 50.0	< 5.0	53.0	< 2.0	< 5.0	3.1 J	< 10.0	10.0 J	< 3.0	16,000	< 0.20	1.3 J	< 20.0	-	< 5.0	< 2.0 UJ	1.4 J	< 20.0	1,800	11,000	1,400	1,900	23.0	8,800
	D04-03	2004 04 (Winter)	0.45 J	3.0 J	48.0	< 2.0	< 5.0	< 10.0	2.5	< 10.0	100 J	28,000	< 0.20	12.0 J	< 20.0	< 5.0	< 5.0	5.1	< 10.0	< 20.0	< 100	13,000	120	24.0	110	50.0
		2004 02 (Summer)	0.90 J	< 5.0	45.0	< 1.0	< 5.0	1.8 J	1.6	25.0	1.4	29,000	0.062 J	0.99 J	18.0	< 5.0	< 1.0	< 5.0	< 10.0	< 1.0	< 50.0	17,000	1,100	2,400	98.0	17,000
		2003 04 (Winter)	< 25.0 UJ	< 50.0	34.8 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	21,700	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 25.0 UJ	< 50.0	< 20.0	< 200	10,400	1,150	2,290	132	15,300
		2003 02 (Summer)	15.2 J	14.3 J	54.5 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	31,900	< 0.40	< 50.0	1.3 J	< 20.0	< 10.0	< 100	< 50.0	< 20.0	< 200	16,300	1,480 J	2,890	126 J	15,200 J
		2002 04 (Winter)	0.22 J	18.0	< 42.0	0.039 J	< 5.0	< 10.0	1.4 J	11.0	< 3.0	26,000	< 0.23	< 20.0	5.2 J	54.0	< 5.0	< 2.0	< 10.0	< 20.0	5.8 J	17,000	1,100	2,300	87.0 J	15,000
		2002 02 (Summer)	< 50.0	< 5.0	45.0	< 2.0	< 5.0	3.1 J	< 10.0	20.0	< 3.0 UJ	25,000	< 0.20	1.3 J	< 20.0	-	< 5.0	< 2.0 UJ	0.98 J	< 20.0	1,700	17,000	1,200	2,600	87.0	17,000
	D11-01	2004 04 (Winter)	0.32 J	< 5.0	57.0	< 2.0	< 5.0	< 10.0	28.0	< 10.0	< 3.0	23,000	< 0.20	< 20.0	17.0 J	< 5.0	< 5.0	10.0	3.4 J	< 20.0	9.0 J	1,100	860	1,500	39.0	12,000
		2004 02 (Summer)	0.56 J	< 8.1	44.0	0.33 J	< 5.0	1.2 J	33.0	< 10.0	0.18 J	24,000	< 0.20	< 20.0	35.0	< 5.0	< 5.0	< 1.0	< 10.0	21.0	< 50.0	340	980	1,800	42.0	13,000
		2003 04 (Winter)	< 5.0	< 50.0	46.1 J	< 4.0	< 5.0	< 10.0	27.1	< 10.0	< 10.0	22,200	< 0.40	22.0 J	32.8	< 20.0	< 10.0	< 25.0	< 50.0	< 20.0	< 200	661	991	1,770	58.3	13,200
		2003 02 (Summer)	< 50.0	10.7 J	58.4 J	< 4.0	0.91 J	< 10.0	31.0	< 10.0	< 10.0	20,800	< 0.40	< 50.0	29.3	< 20.0	< 10.0	< 100	< 50.0	< 20.0	< 200	793	793	1,470	63.4 J	8,420
		2002 04 (Winter)	0.27 J	10.0	53.0	0.051 J	0.63 J	< 10.0	28.0 J	6.4 J	< 3.0	25,000	< 0.24	< 20.0	27.0 J	43.0	< 5.0	< 2.7	2.4 J	15.0 J	8.0 J	1,500	870	1,900	36.0 J	14,000
		2002 02 (Summer)	< 50.0	14.0	42.0	< 2.0	< 5.0	12.0	32.0	< 10.0	< 3.0	21,000	< 0.20	< 20.0	< 20.0	63.0 J	< 5.0	0.25 J	< 10.0	< 20.0	< 100	110	830	1,500	33.0	11,000

Table 3-3

Groundwater Sample Analytical Results at IR Site 3 Group: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

Innovative
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Solutions, Inc.

Table 3-3

Groundwater Sample Analytical Results at IR Site 3 Group: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	372-MW1	2004 04 (Winter)	< 50.0	< 50.0	< 300	23.0 J	23.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	74.0 J	74.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50
	37-MJ-MW1	2004 04 (Winter)	230	170	< 300	170	570	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	67.0	67.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	130	130	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 290	< 190	130	130	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 290	< 190	298	298	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 200 UJ	< 300	< 200	480	480	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	640	640	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	470	470	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.5 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	450	450	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	1,000	1,000	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	398-MW4	2004 04 (Winter)	310	640	260 J	810	2,020	4.2	< 0.50	1.2	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	870	870	1.0	< 0.50	1.5	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	510	510	0.96	< 1.0	1.9	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	130 J	< 280	680	1,500	2,310	14.0	< 1.0	8.2	0.30 J	< 1.0	1.3 J	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 290	270	840	1,110	9.7	< 1.0	7.4	0.45 J	< 1.0	1.2 J	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190 UJ	< 280	< 190	490	490	1.0	< 1.0	2.9	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.21 J	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	1,000	1,000	4.0	< 0.50	7.2	< 0.50	< 0.50	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	470	470	2.8	< 0.50	2.5	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	570	570	1.8	< 0.50	4.7	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	340	340	1.8	< 0.50	3.4	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M03-04	2004 04 (Winter)	21,000	23,000	< 3,000	2,100	46,100	110	0.40 J	1.8	5.0	0.30 J	2.4 J	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	0.70	< 0.70
		2004 02 (Summer)	< 50.0	< 50.0	< 300	2,400	2,400	170	0.70	8.8	37.0	0.70	2.7	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	440	7,900	260	540	9,140	230	1.1	12.0	31.0	0.80 J	2.7	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	330	11,000	160 J	2,000	13,490	300 J	0.63 J	4.1	4.7	0.52 J	3.9	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	1,400 J	22,000	< 190	1,800	25,200	410	0.63 J	8.2	8.1	0.63 J	5.4	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50 UJ	< 1.0	< 0.50
		2003 02 (Summer)	280	4,500	< 190	2,700	17,300	360	1.8	49.0	35.0	1.2	4.3	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	4.3	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	63.0	< 300	2,900	2,963	300	1.3	38.0	35.0	1.8	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		2002 04 (Winter)	< 50.0	< 50.0	< 300	1,900	4,000	230	0.50 J	11.0	15.0	1.2	1.8	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70
		2002 03 (Fall)	< 50.0	< 50.0	< 300	3,200	6,400	550	1.2 J	77.0	51.0	2.7	5.6 J	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
		2002 02 (Summer)	< 50.0	81.0	< 300	4,500	9,177	440	11.0	140	420	22.0	3.5 J	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
	M03-05	2004 04 (Winter)	780	610	350	97.0	1,837	0.10 J	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.2	< 0.50	3.7	< 0.50	< 0.50	< 0.50	< 0.50	0.30 J
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 61.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.8	< 0.50	5.7	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Table 3-3
Groundwater Sample Analytical Results at IR Site 3 Group: Total Petroleum Hydrocarbons and Volatile Organic Compounds
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M03-05	2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.9	< 1.0	3.2	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 290	< 190	46.0 J	46.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.29 J	< 1.0	1.8	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	40.0 J	40.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 77.0	< 300	< 0.50	0.20 J	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.50 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M03-06	2004 04 (Winter)	350	< 50.0	110 J	65.0	525	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.80	0.40 J	0.90	0.50	< 0.50	< 0.50	1.6
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.90	0.50	1.3	1.1	< 0.50	< 0.50	3.1
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.6	0.35 J	0.86 J	1.5	< 0.50	< 1.0	2.2
		2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.25 J	1.1	0.41 J	1.4	0.71 J	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.3	0.86 J	1.2	2.3	< 0.50	< 1.0	4.5
		2003 02 (Summer)	< 200	< 300	< 200	< 50.0	< 300	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.2	0.43 J	0.51 J	0.58 J	< 0.50	< 1.0	2.2
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	12.0	0.70	1.1	21.0	< 0.50	< 0.50	19.0
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.5	0.70	0.40 J	2.0	< 0.50	< 0.50	4.2
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	0.10 J	< 0.50	< 0.50	< 0.50	0.20 J	2.6	0.90	0.80	2.8	< 0.50	< 0.50	3.6
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	0.20 J	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	8.3	1.9	1.0	22.0	< 0.50	< 0.50	5.3
	M03-07	2004 04 (Winter)	610	< 50.0	750	72.0	1,432	0.30 J	< 1.7	< 1.7	< 1.7	< 1.7	< 6.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 280	150 J	< 50.0	150	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190 UJ	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	0.20 J	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	1.0	< 0.50	< 0.50	< 0.50	< 2.0	0.10 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M03-09	2004 04 (Winter)	740	110	680	79.0	1,609	< 0.50	< 0.50	0.20 J	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	0.90	< 0.50	0.70	0.60	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	-	-	-	< 50.0	< 50.0	< 0.50	< 1.0	0.58 J	0.65 J	0.51 J	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	26.0 J	26.0	0.31 J	< 1.0	1.1	1.8	1.4	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	-	-	-	61.0	61.0	1.1	< 1.0	2.8	5.4	2.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50 UJ	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	47.0 J	47.0	0.46 J	< 1.0	1.9	3.6	1.3	< 2.0	< 5.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	-	-	-	65.0	65.0	0.50	< 0.50	1.5	3.0	0.80	< 2.0 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	100	100	0.90	< 0.50	1.7	2.6	1.1	1.6 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 54.0	< 300	0.60 J	< 1.7	0.80 J	1.2 J	0.40 J	3.7 J	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
	M03-10	2004 04 (Winter)	290	< 50.0	200 J	58.0	548	< 63.0	< 63.0	< 63.0	< 63.0	< 63.0	< 250	< 63.0	< 63.0	< 63.0	< 63.0	< 63.0	< 63.0	100	1,500	45.0 J	< 63.0	< 63.0	< 63.0	< 63.0	< 63.0
		2004 02 (Summer)	< 50.0	< 50.0	< 300	96.0	96.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 20.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	110	1,600	36.0	< 5.0	4.1 J	< 5.0	17.0	5.7
		2004 01 (Spring)	-	-	-	48.0 J	48.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	< 20.0	< 50.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	99.0	1,400	45.0	< 10.0	4.2 J	< 5.0	15.0	10.0
		2003 04 (Winter)	< 190	< 280	< 190	56.0	56.0	< 0.50	1.1	< 1.0	< 1.0	< 1.0	0.94 J	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	100	1,500	26.0	0.38 J	5.4	1.1	27.0	8.5
		2003 03 (Fall)	-	-	-	47.0 J	47.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	110	3,300	29.0	1.2	6.4	1.1	23.0	6.0
		2003 02 (Summer)	< 190 UJ	< 280	< 190	49.0 J	49.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	120	2,300	37.0	1.0	5.2	1.1	25.0	7.0
		2003 01 (Spring)	-	-	-	72.0	72.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 20.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	92.0 J	1,300	32.0	< 5.0	4.0 J	< 5.0	21.0	< 5.0
		2002 04 (Winter)	< 50.0	< 50.0	< 300	42.0 J	42.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 10.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5 UJ	73.0	680	67.0	< 2.5	2.5	< 2.5	11.0	14.0
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 66.0	< 300	< 13.0	< 13.0	4.0 J	15.0	< 13.0	< 50.0	< 13.0	< 13.0	< 13.0	< 13.0	< 13.0	< 13.0	130	2,400	29.0	< 13.0	< 13.0	< 13.0	34.0	4.9 J

Table 3-3

Groundwater Sample Analytical Results at IR Site 3 Group: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds												Commonly Detected Chlorinated Hydrocarbons									
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M03-11	2004 04 (Winter)	220	< 50.0	< 300	< 50.0	220	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	-	-	-	< 50.0	< 50.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	98.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	-	-	-	< 50.0	< 50.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	-	-	-	< 50.0	< 50.0	< 0.50	0.10 J	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	22.0 J	22.0	< 170	< 170	< 170	< 170	< 170	< 670	< 170	< 170	< 170	< 170	< 170	< 170 UJ	< 170	68.0 J	< 170	< 170	< 170	< 170	< 170	< 170
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 36.0	11.0 J	< 36.0	9.1 J	< 36.0	< 140	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0
	M03-12	2004 04 (Winter)	79.0	< 50.0	< 300	74.0	153	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	-	-	-	< 50.0	33.0	0.69	0.23 J	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0 UJ	< 280	0.54	0.20 J	< 1.0	< 1.0	< 1.0 UJ	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	-	-	-	< 50.0	< 50.0	0.20 J	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 200	< 300	< 200	< 50.0	< 300	0.28 J	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	-	-	-	< 50.0	< 50.0	0.40 J	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M03-13	2004 04 (Winter)	57.0	< 50.0	< 300	63.0	120	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	-	-	-	< 50.0	< 50.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	27.0 J	27.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	-	-	-	< 50.0	< 50.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 200	< 300	< 200	< 50.0	< 300	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	-	-	-	< 50.0	< 50.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 25.0	1.6 J	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	1.5 J	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3
	M03-14	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.80	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M03-15	2004 04 (Winter)	-	-	-	-	-	< 200	< 200	< 200	< 200	< 200	< 800	< 200	< 200	< 200	< 200	< 200	< 200	31,000	< 200	< 200	< 200	< 200	< 200	< 200	< 200
		2004 02 (Summer)	-	-	-	-	-	< 83.0	< 83.0	< 83.0	< 83.0	< 83.0	< 330	< 83.0	< 83.0	< 83.0	< 83.0	< 83.0	< 83.0	20,000	< 83.0	32.0 J	< 83.0	< 83.0	< 83.0	< 83.0	< 83.0
	M03-16	2004 04 (Winter)	-	-	-	-	-	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 8.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	340	0.50 J	3.3	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
		2004 02 (Summer)	-	-	-	-	-	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 6.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	280	0.50 J	2.4 J	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
	M03-17	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M04-05	2004 04 (Winter)	160	< 50.0	380	< 50.0	540	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.1	< 0.50	0.20 J	< 0.50	0.30 J	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.1	< 0.50	0.20 J	< 0.50	0.40 J	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.61 J	< 1.0	0.20 J	< 1.0	0.41 J	< 0.50	< 1.0	< 0.50

Table 3-3
Groundwater Sample Analytical Results at IR Site 3 Group: Total Petroleum Hydrocarbons and Volatile Organic Compounds
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons									
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M04-05	2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.4	< 1.0	< 1.0	< 1.0	0.47 J	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.98 J	< 1.0	< 1.0	< 1.0	0.33 J	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.92 J	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.80 J	< 0.50	< 0.50	< 0.50	0.30 J	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.3	< 0.50 J	0.60	< 0.50	0.90	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.6	< 0.50	0.20 J	< 0.50	0.60	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	480	260	230 J	< 50.0	970	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.4	< 0.50	< 0.50	< 0.50	0.40 J	< 0.50	< 0.50	< 0.50
	M04-06	2004 04 (Winter)	< 50.0	< 50.0	< 300	68.0	68.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0 UJ	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 2.0 UJ	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M07B-01	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	5.4	0.10 J	0.30 J	< 0.50	< 0.50	0.30 J
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.20 J	< 0.50	4.2	0.20 J	0.30 J	< 0.50	< 0.50	0.40 J
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.66 J	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.6	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	4.5	0.34 J	0.36 J	< 0.50	< 1.0	0.71
		2003 02 (Summer)	< 190 UJ	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	4.4	0.22 J	0.26 J	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	12.0 J	12.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50	5.3	0.20 J	0.40 J	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.20 J	< 0.50	5.4	0.30 J	0.50 J	< 0.50	< 0.50	0.50 J
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 UJ	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.6	0.30 J	0.40 J	< 0.50	< 0.50	0.40 J
	M11-01	2004 04 (Winter)	780	100	360	< 50.0	1,240	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.90	< 0.50	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	0.80
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.80	< 0.50	0.20 J	0.10 J	< 0.50	< 0.50	< 0.50	0.80
		2004 01 (Spring)	< 190	< 280	< 190	30.0 J	30.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	190	< 50.0	190	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.71 J	< 1.0	0.23 J	< 1.0	< 1.0	< 0.50	< 1.0	0.91
		2003 03 (Fall)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.60 J	< 1.0	0.32 J	< 1.0	< 1.0	< 0.50	< 1.0	0.76
		2003 02 (Summer)	140 J	< 280	< 190	< 50.0	140	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.75 J	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	0.57
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.4 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	13.0 J	13.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.60	< 0.50	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	0.80
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.80	< 0.50	0.30 J	0.20 J	< 0.50	< 0.50	< 0.50	0.80
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.90	< 0.50	< 0.50 J	0.20 J	< 0.50	< 0.50	< 0.50	0.90
	M11-04	2004 04 (Winter)	88.0	< 50.0	< 300	< 50.0	88.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.38 J	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50

Table 3-3
Groundwater Sample Analytical Results at IR Site 3 Group: Total Petroleum Hydrocarbons and Volatile Organic Compounds
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M11-04	2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	0.26 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	80.0	80.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 10.0	1,700	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5 UJ	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 UJ	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50	< 0.50	< 0.50
	M11-05	2004 04 (Winter)	1,800	110	830	< 50.0	2,740	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	0.10 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 200	< 300	< 200	< 50.0	< 300	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	210	< 280	< 190	< 50.0	210	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.10 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M11-06	2004 04 (Winter)	38.0 J	< 50.0	< 300	< 50.0	38.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.0	< 0.50	0.60	0.10 J	0.20 J	< 0.50	< 0.50	3.7
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.50 J	< 0.50	0.50	0.10 J	< 0.50	0.10 J	< 0.50	1.9
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.6	< 1.0	0.53 J	< 1.0	< 1.0	< 0.50	< 1.0	0.54
		2003 04 (Winter)	< 190	< 290	< 190	29.0 J	29.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.5	< 1.0	0.69 J	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.30 J	< 1.0	0.66 J	< 1.0	< 1.0	< 0.50	< 1.0	2.8
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.72 J	< 1.0	0.47 J	< 1.0	< 1.0	< 0.50	< 1.0	2.0
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.8 J	< 0.50	0.50 J	< 0.50	< 0.50	< 0.50	< 0.50	1.0
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.60	< 0.50	0.50	0.20 J	< 0.50	< 0.50 J	< 0.50	3.8
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.40 J	< 0.50	0.50	0.20 J	0.20 J	0.20 J	< 0.50	2.3
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 UJ	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.50 J	0.30 J	0.20 J	0.20 J	< 0.50	4.2
	MBG-3	2004 04 (Winter)	380	< 50.0	270 J	63.0	713	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 200 UJ	< 300 UJ	< 200 UJ	< 50.0	< 300	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 UJ	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	MW360-1	2004 04 (Winter)	420	140	360	980	1,900	< 13.0	< 13.0	< 13.0	< 13.0	< 13.0	< 50.0	< 13.0	< 13.0	190	4.5 J	43.0	< 13.0	2,000	7.6 J	320	74.0	12.0 J	< 13.0	< 13.0	< 13.0
		2004 02 (Summer)	25.0 J	150	< 300	1,200	1,375	1.4 J	< 6.3	< 6.3	< 6.3	< 6.3	< 25.0	< 6.3	< 6.3	260	6.3	55.0	2.8 J	1,900	6.6	220	48.0	13.0	< 6.3	< 6.3	1.6 J
		2004 01 (Spring)	< 190	< 280	< 190	1,300	1,300	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	< 20.0	< 50.0	< 10.0	240	5.4 J	54.0	2.5 J	2,100	8.5 J	220	61.0	13.0	< 5.0	< 10.0	3.8 J
		2003 04 (Winter)	< 190	< 280	< 190	1,200	2,500	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	1.1	200	5.5	43.0	2.3	1,200	6.5	190	42.0	13.0	< 0.50	< 1.0	1.9
		2003 03 (Fall)	< 200	< 290	< 200	1,400	1,400	< 0.50	< 1.0	< 1.0	< 1.0	0.22 J	< 2.0	< 5.0	1.2	260	5.5	56.0	2.5	2,400 J	9.3	190	48.0	14.0	< 0.50	< 1.0	1.8
		2003 02 (Summer)	< 190 UJ	< 280	< 190	1,000	1,000	< 0.50	< 1.0	< 1.0	< 1.0	0.26 J	< 2.0	< 5.0	1.2	220	4.9	40.0	2.4	1,800	6.2	140	28.0	13.0	< 0.50	< 1.0	1.9
		2003 01 (Spring)	< 50.0	100	< 300	960	1,060	4.7 J	< 6.3	< 6.3	< 6.3	< 6.3	< 25.0	< 6.3	1.6 J	220	3.2 J	47.0	3.1 J	2,100 J	9.2	130	21.0	12.0	< 6.3	< 6.3	3.6 J

Table 3-3

Groundwater Sample Analytical Results at IR Site 3 Group: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds												Commonly Detected Chlorinated Hydrocarbons									
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	MW360-1	2002 04 (Winter)	< 50.0	< 50.0	< 300	1,100	1,100	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 25.0	< 6.3	< 6.3	240	4.5 J	48.0	3.0 J	2,300	4.9 J	110	20.0	13.0	< 6.3	< 6.3	< 6.3
		2002 03 (Fall)	< 50.0	< 50.0	< 300	860	860	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 20.0	< 5.0	1.3 J	200	3.7 J	43.0	2.9 J	2,100	5.4	110	20.0	15.0	< 5.0	< 5.0	< 5.0
		2002 02 (Summer)	680	180	970	940	2,770	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 25.0	< 6.3	< 6.3	190	3.8 J	41.0	< 6.3	2,200	6.6	77.0	34.0	16.0	< 6.3	< 6.3	< 6.3
	MW360-2	2004 04 (Winter)	1,100	690	< 300	50.0	1,840	0.40 J	< 0.50	< 0.50	< 0.50	0.20 J	< 2.0	< 0.50	1.0	1.0	< 0.50	0.40 J	< 0.50	3.5	4.8	0.80	0.60	0.50	< 0.50	0.10 J	1.1
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	0.30 J	1.3	< 0.50	0.80	0.10 J	18.0	41.0	1.6	0.30 J	4.2	0.40 J	0.80	0.30 J
		2004 01 (Spring)	< 190	< 290	< 190	24.0 J	24.0	0.44 J	< 1.0	< 1.0	< 1.0	< 1.0	0.73 J	< 5.0	0.56 J	1.2	< 1.0	0.63 J	< 1.0	12.0	25.0	1.5	1.2	2.9	< 0.50	0.65 J	3.9
		2003 04 (Winter)	150 J	< 280	< 190	88.0	238	0.83	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 2.0	< 5.0	1.3	0.95 J	< 1.0	0.30 J	< 1.0	3.6	7.2	2.3	3.0	1.6	< 0.50	0.39 J	7.6
		2003 03 (Fall)	< 200 UJ	< 290 UJ	< 200 UJ	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	0.39 J	1.4	< 1.0	0.62 J	< 1.0	30.0	110	1.8	0.42 J	4.8	0.30 J	0.94 J	0.34 J
		2003 02 (Summer)	< 190 UJ	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	0.29 J	0.97 J	< 1.0	0.41 J	< 1.0	24.0	51.0	1.3	0.23 J	3.4	< 0.50	0.69 J	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	44.0 J	44.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	0.30 J	1.2	< 0.50	0.80	0.20 J	39.0 J	64.0	1.4	0.20 J	4.3	< 0.50	1.2	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	28.0 J	28.0	0.70	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	1.0	1.1	< 0.50	0.60	< 0.50	7.3	13.0	1.4	0.80	1.4	< 0.50	0.50	3.6
		2002 03 (Fall)	26.0 J	< 50.0	< 300	< 50.0	26.0	0.30 J	0.10 J	0.50 J	1.7	0.60	< 2.0	< 0.50	0.60	1.2	0.070 J	0.60	0.20 J	30.0	77.0	1.9	0.40 J	4.3	0.20 J	0.90	0.70
		2002 02 (Summer)	140	52.0	160 J	< 50.0	352	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0	< 1.0	1.3	< 1.0	< 1.0	< 1.0	29.0	71.0	1.1	< 1.0	3.3	< 1.0	1.3	< 1.0
	MW360-3	2004 04 (Winter)	79.0	< 50.0	150 J	< 50.0	229	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	120	< 50.0	220 J	< 50.0	340	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	MW360-4	2004 04 (Winter)	46.0 J	< 50.0	< 300	130	176	0.60 J	< 2.5	< 2.5	< 2.5	< 2.5	< 10.0	< 2.5	1.4 J	5.7	< 2.5	1.3 J	< 2.5	270	2.2 J	120	7.2	1.9 J	< 2.5	< 2.5	0.80 J
		2004 02 (Summer)	< 50.0	< 50.0	< 300	140	140	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0	1.2	5.0	< 1.0	1.1	< 1.0	180	1.7	93.0	9.0	1.4	< 1.0	< 1.0	2.3
		2004 01 (Spring)	< 190	< 280	120 J	90.0	210	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	1.1	5.1	< 1.0	0.89 J	< 1.0	310	1.8	98.0	3.6	2.1	< 0.50	< 1.0	2.4
		2003 04 (Winter)	< 190	< 280	690	80.0	770	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	1.1	4.0	< 1.0	0.90 J	< 1.0	200 J	1.6	110 J	7.7	1.4	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 200 UJ	< 290 UJ	< 200 UJ	23.0 J	23.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	1.6	6.3	< 1.0	1.4	< 1.0	440	3.7	180	7.0	3.2	< 0.50	< 1.0	1.7
		2003 02 (Summer)	< 190	< 280	< 190	150	310	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	1.4	5.6	< 1.0	1.2	< 1.0	330	2.6	150	8.0	2.6	< 0.50	< 1.0	3.6
		2003 01 (Spring)	< 50.0	< 50.0	< 300	170	170	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 3.3	< 0.80	1.1	5.1	< 0.80	1.1	< 0.80	330	1.9	110	4.8	2.4	< 0.80	< 0.80	3.0
		2002 04 (Winter)	< 50.0	< 50.0	< 300	130	130	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 2.9	< 0.70	1.0	4.3	< 0.70	1.3	1.3 J	220	1.1	71.0	5.0	1.6	< 0.70	< 0.70	0.60 J
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 72.0	< 300	0.10 J	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	2.0	4.0	0.10 J	1.5	< 0.50	170	1.4	91.0	14.0	1.4	< 0.50	< 0.50	3.5
		2002 02 (Summer)	100	< 50.0	96.0 J	190	386	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 5.0	< 1.3	1.6	5.4	< 1.3	1.8	< 1.3	380	2.1	130	14.0	2.5	< 1.3	< 1.3	8.7
	MW97-3	2004 04 (Winter)	94.0	< 50.0	150 J	24.0 J	268	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 200	< 290	< 200	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50

Table 3-3

Groundwater Sample Analytical Results at IR Site 3 Group: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds												Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	MW97-3	2003 02 (Summer)	< 190	< 290 UJ	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	**32.0 J**	< 50.0	**220 J**	< 50.0	**252**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	**0.40 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	**0.50 J**	**1.7**	**0.60**	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	WA-8	2004 04 (Winter)	< 250	**330**	< 1,500	**92.0**	**422**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	**23.0 J**	**23.0**	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 280	**220**	< 50.0	**220**	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	**32.0 J**	**32.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	**0.10 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.20 J**	< 0.50	< 0.50	< 0.50
SWBZ	D03-01	2004 04 (Winter)	< 50.0	< 50.0	< 300	**230**	**230**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	**180**	**180**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.90**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 200	< 300	< 200	**130**	**130**	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.23 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	**100**	**100**	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	**270**	**270**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	**110**	**110**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	D03-02	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	D03-03	2004 04 (Winter)	-	-	-	-	-	< 0.50	**0.10 J**	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	D03-04	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**3.1**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	D04-01	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	D04-02	2004 04 (Winter)	< 50.0	< 50.0	< 300	**99.0**	**99.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0 UJ	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Table 3-3
Groundwater Sample Analytical Results at IR Site 3 Group: Total Petroleum Hydrocarbons and Volatile Organic Compounds
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds												Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	**Event** **AWQC:**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWBZ	D04-02	2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	D04-03	2004 04 (Winter)	< 50.0	< 50.0	< 300	**22.0 J**	**22.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 200	< 300	< 200	< 50.0	< 300	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	**0.32 J**	< 1.0	< 1.0	< 1.0	**4.8**	< 1.0	**0.51 J**	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	**0.40 J**	**0.40 J**	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	D11-01	2004 04 (Winter)	**69.0**	< 50.0	**230 J**	< 50.0	**299**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 280	**180 J**	< 50.0	**180**	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50

Table 3-5
Groundwater Sampling Field Parameters at Installation Restoration Site 3 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	37-MJ-MW1	12/01/04	6.95	0.56	59
		07/02/04	6.56	1.56	7.0
		03/04/04	6.64	1.92	86
		12/12/03	7.29	0.49	166
		09/17/03	7.09	0.57	-46
		06/26/03	7.23	0.53	63
		04/11/03	7.20	0.46	143
		12/10/02	***8.68***	0.79	-107
		09/06/02	6.97	***18.50***	-118.1
		06/25/02	7.00	5.49	-105.7
First	372-MW1	12/03/04	7.14	1.68	211
		07/01/04	7.51	0.35	98
		12/15/03	7.60	3.30	91.6
		07/07/03	7.84	0.44	-102
		04/14/03	7.32	2.60	241
		07/11/02	7.29	1.02	0.0
First	398-MW4	12/02/04	7.17	0.14	51
		07/02/04	6.88	0.31	-15
		03/04/04	7.15	0.13	49
		12/12/03	7.11	0.30	-65
		09/17/03	7.19	0.34	-31
		06/26/03	7.69	0.16	77
		04/11/03	7.30	1.90	-146
		12/10/02	***8.87***	0.00	-153
		09/06/02	7.18	3.50	-151
		06/20/02	7.17	***15.10***	-124.9
First	M03-04	12/02/04	6.88	0.17	-18
		07/01/04	6.78	0.29	-21
		03/04/04	6.89	0.14	-289
		12/12/03	6.99	0.72	-169.2
		09/17/03	6.89	0.21	-101
		06/26/03	7.51	0.08	-17
		04/14/03	7.10	0.40	-58
		12/10/02	6.54	7.64	-157.6
		09/06/02	6.77	5.90	-151
		06/20/02	6.83	6.00	-136.5
First	M03-05	12/02/04	7.39	0.33	-24
		07/01/04	7.28	2.30	15
		12/12/03	7.81	0.28	56
		06/26/03	7.44	0.32	-163
		12/09/02	7.07	8.66	-169.5
		07/03/02	***5.85***	1.10	-117
First	M03-06	12/02/04	7.77	0.37	5.0
		07/02/04	7.91	2.40	105
		03/04/04	8.07	0.25	-36
		12/12/03	***8.53***	0.16	53
		09/18/03	8.12	0.16	-2.0

Table 3-5
Groundwater Sampling Field Parameters at Installation Restoration Site 3 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	M03-06	06/26/03	8.29	0.18	-145
		04/11/03	***9.66***	0.19	120
		12/11/02	7.62	***36.94***	-184.2
		09/06/02	8.22	0.40	-148.3
		07/03/02	***4.30***	1.60	-43
First	M03-07	12/02/04	6.61	0.43	-32
		07/02/04	6.50	0.21	-23
		12/12/03	6.92	0.15	-103
		06/26/03	7.50	0.11	-44
		12/11/02	6.34	***13.16***	-186.4
		06/20/02	6.85	0.70	-150.3
First	M03-09	12/02/04	***5.94***	0.23	266
		07/01/04	***5.99***	0.24	70
		03/04/04	***5.94***	0.10	-282
		12/12/03	***5.98***	0.30	60
		09/17/03	6.12	0.14	-283
		06/25/03	6.13	0.13	-178
		04/11/03	6.10	1.90	-218
		12/13/02	***3.90***	***9.10***	-25.5
		09/06/02	***5.86***	4.10	-11
First	M03-10	12/03/04	***8.64***	1.61	201
		07/06/04	***8.67***	4.40	127
		03/05/04	***8.73***	2.51	231
		12/19/03	***8.63***	0.83	-109.1
		09/18/03	***8.68***	0.25	105
		06/26/03	***9.33***	0.31	-172
		04/11/03	***8.73***	2.06	195
		12/13/02	8.17	***9.30***	35.3
		09/06/02	***8.82***	1.70	-29.2
First	M03-11	12/03/04	8.08	0.28	-27
		07/06/04	7.48	3.64	-66
		03/04/04	7.57	2.88	213
		12/12/03	7.58	0.30	-18
		09/18/03	7.59	0.31	-285
		06/25/03	7.70	0.35	-337
		04/11/03	7.42	2.40	-304
		12/13/02	***5.91***	***41.17***	-322.3
		09/09/02	7.60	***22.80***	-156
First	M03-12	12/02/04	***10.48***	0.23	94
		07/02/04	***11.00***	0.25	-108
		03/04/04	***11.71***	0.21	143
		12/15/03	***11.59***	0.49	181
		09/19/03	***9.78***	0.35	138
		06/25/03	***9.86***	0.25	118
		04/11/03	***11.40***	3.70	-7.0
		12/13/02	7.54	***9.99***	-277.2
		09/09/02	7.34	***28.20***	79

Table 3-5
Groundwater Sampling Field Parameters at Installation Restoration Site 3 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	M03-13	12/02/04	8.07	0.17	128
		07/01/04	7.81	5.03	-133
		03/04/04	8.18	6.70	260
		12/15/03	7.53	2.53	193
		09/23/03	7.34	0.30	75
		06/25/03	7.49	0.27	110
		04/11/03	7.73	***27.50***	10
		12/13/02	***5.92***	***11.72***	-239.1
		09/06/02	7.28	3.90	-40
First	M03-14	12/01/04	***8.51***	0.15	120
		06/30/04	***8.61***	0.31	-193
First	M03-15	12/01/04	6.17	0.36	116
		06/30/04	6.22	0.28	-55
First	M03-16	12/01/04	6.27	0.24	310
		06/30/04	6.19	0.19	-8.0
First	M03-17	12/01/04	6.27	0.40	149
		06/30/04	7.09	2.70	34
First	M04-05	12/03/04	6.83	1.91	206
		07/02/04	6.86	***22.90***	226
		03/04/04	7.03	1.32	-53
		12/15/03	7.02	2.07	101.4
		09/18/03	6.99	2.82	134
		06/25/03	6.92	1.35	104
		04/14/03	6.90	***17.30***	196
		12/09/02	6.87	0.20	117
		09/09/02	7.08	***14.10***	94.7
		06/21/02	7.05	***26.20***	36.1
First	M04-06	12/02/04	7.11	0.58	214
		07/02/04	6.63	0.33	159
		12/15/03	6.70	1.87	259
		06/26/03	6.74	0.77	-78
		01/08/03	7.27	0.66	-88
		06/21/02	6.75	2.27	61.9
First	M07B-01	12/01/04	7.08	0.38	-22
		06/30/04	8.19	2.30	88
		03/04/04	7.60	4.52	215
		12/15/03	7.53	2.36	221
		09/23/03	7.55	0.13	-52
		06/26/03	8.23	0.22	-134
		04/14/03	7.45	5.02	130
		12/09/02	7.16	5.36	-110.1
		09/06/02	7.54	3.50	-115
		06/20/02	7.58	***11.42***	-38.2
First	M11-01	12/01/04	6.99	0.47	-2.0
		06/30/04	7.01	0.46	-10
		03/04/04	7.13	1.14	193
		12/12/03	7.22	0.98	-46

Table 3-5
Groundwater Sampling Field Parameters at Installation Restoration Site 3 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	M11-01	09/18/03	7.09	0.15	-126
		06/25/03	7.08	0.16	-221
		04/11/03	7.28	0.28	164
		12/09/02	***9.23***	0.00	-168
		09/06/02	7.07	1.60	-161.2
		06/21/02	7.24	1.40	-107
First	M11-04	12/01/04	7.31	0.77	139
		06/30/04	7.16	1.40	53
		03/05/04	7.15	3.65	249
		12/12/03	7.22	1.04	165
		09/19/03	7.26	0.36	-41
		06/26/03	7.20	1.52	129
		04/11/03	7.36	1.68	158
		12/09/02	6.94	4.51	-62.2
		09/06/02	7.25	3.90	-104.2
		06/20/02	7.12	1.52	-52.6
First	M11-05	12/01/04	7.33	0.17	1.0
		06/30/04	8.21	2.70	-4.0
		03/04/04	7.20	0.51	173
		12/15/03	7.49	0.23	-82
		09/19/03	7.31	0.17	-119
		06/25/03	7.58	1.60	-173
		04/11/03	7.59	0.24	127
		12/09/02	***8.93***	0.00	-183
		09/09/02	7.36	3.50	-186
		06/20/02	7.67	3.00	-150
First	M11-06	12/01/04	7.54	0.49	65
		06/30/04	8.24	3.80	40
		03/04/04	7.68	2.90	202
		12/12/03	7.87	1.49	210
		09/18/03	7.52	0.17	-105
		06/26/03	8.26	0.24	100
		04/11/03	7.86	1.66	147
		12/09/02	***8.98***	0.00	-155
		09/09/02	7.63	***10.60***	-148
		06/20/02	7.86	1.50	-110
First	MBG-3	12/02/04	6.63	0.44	-28
		07/06/04	7.01	0.34	-105
		12/15/03	7.04	0.30	-14
		06/26/03	7.40	0.17	-229
		12/11/02	***9.18***	0.00	-170
		06/24/02	6.90	***-0.04***	-158.9
First	MW360-1	12/03/04	7.47	0.21	83
		07/06/04	6.76	0.29	144
		03/05/04	6.90	0.20	248
		12/12/03	6.93	0.92	12.4
		09/19/03	6.86	0.20	150

Table 3-5
Groundwater Sampling Field Parameters at Installation Restoration Site 3 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	MW360-1	06/26/03	7.08	0.74	-131
		04/11/03	6.87	0.18	217
		12/10/02	7.30	0.00	61
		09/09/02	6.92	3.80	143.2
		06/19/02	6.92	1.64	258.5
First	MW360-2	12/03/04	6.32	0.35	83
		07/02/04	6.29	2.50	167
		03/04/04	6.41	0.57	55
		12/15/03	6.77	0.26	-2.0
		09/19/03	6.28	0.17	26
		06/26/03	6.57	0.27	-162
		04/14/03	6.42	0.73	187
		12/09/02	7.79	0.00	-73
		09/09/02	6.42	7.60	-29.2
		06/19/02	6.44	2.70	13.6
First	MW360-3	12/03/04	6.91	0.25	198
		07/02/04	6.90	0.28	-142
		03/04/04	6.75	0.45	0.0
		12/12/03	6.88	0.35	250
		09/22/03	6.95	0.30	136
		06/25/03	7.25	0.15	-130
		04/14/03	7.02	0.70	202
		12/09/02	7.31	0.00	42
		09/09/02	7.06	2.90	65.6
		06/19/02	6.98	1.17	246.6
First	MW360-4	12/03/04	7.70	0.18	70
		07/02/04	7.23	0.14	31
		03/05/04	7.12	0.15	215
		12/12/03	7.23	0.26	63
		09/19/03	7.13	0.12	-20
		06/26/03	NM	0.14	-50
		04/14/03	7.26	0.45	193
		12/10/02	7.23	0.00	121
		09/09/02	7.21	1.30	48.2
		06/19/02	7.16	0.71	82.6
First	MW97-3	12/03/04	6.40	0.67	213
		07/06/04	7.10	0.43	-94
		03/08/04	6.52	1.51	376
		12/12/03	6.98	1.18	36.98
		09/22/03	6.74	0.26	191
		06/27/03	6.95	0.24	-212
		04/14/03	6.80	2.40	145
		12/10/02	7.92	0.00	-6.0
		09/06/02	6.89	5.50	-4.0
		07/03/02	6.33	1.90	29
First	WA-8	12/02/04	6.87	0.48	5.0
		07/07/04	6.79	0.36	-157

Table 3-5
Groundwater Sampling Field Parameters at Installation Restoration Site 3 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	WA-8	03/05/04	7.11	1.32	63
		12/12/03	6.99	0.16	-58
		09/23/03	6.95	0.18	-103
		06/26/03	7.03	NM	-96
		04/14/03	7.00	2.30	-95
		12/09/02	6.60	4.19	-86.5
		09/06/02	6.86	3.10	-113
		06/20/02	6.91	8.74	-112.3
Second	D03-01	12/02/04	6.51	0.21	75
		07/01/04	6.42	0.24	21
		12/12/03	6.62	0.61	-163.6
		06/26/03	7.17	0.17	52
		12/10/02	6.06	***9.37***	-100
		07/03/02	6.52	0.18	71.1
Second	D03-02	12/01/04	6.44	0.54	71
		07/02/04	6.50	3.80	202
Second	D03-03	12/06/04	***5.87***	0.16	46
		07/01/04	6.89	4.90	102
Second	D03-04	12/06/04	7.00	0.38	237
		07/01/04	6.76	3.50	190
Second	D04-01	12/02/04	6.85	0.36	49
		07/02/04	6.16	0.32	-124
		12/12/03	6.80	0.62	22
		06/25/03	7.07	0.27	-172
		12/10/02	***8.50***	3.64	-107
		07/03/02	6.97	0.13	-105.6
Second	D04-02	12/02/04	7.39	2.72	-25
		07/02/04	7.03	4.96	-56
		12/15/03	7.14	5.37	36
		06/26/03	7.07	3.98	80
		12/10/02	***8.61***	1.74	-100
		07/03/02	6.89	0.12	-107.6
Second	D04-03	12/03/04	7.10	0.20	47
		07/01/04	6.58	3.60	122
		12/12/03	6.83	0.43	***-925***
		06/25/03	6.94	2.17	-3.0
		12/10/02	6.35	5.80	-97.8
		07/03/02	6.83	0.35	-107.2
Second	D11-01	12/01/04	6.62	0.17	169
		06/30/04	6.54	0.21	-1.0
		12/12/03	6.46	0.26	131
		06/26/03	6.63	0.19	254
		12/10/02	6.12	3.98	7.6
		07/08/02	6.55	0.12	59.6

Table 3-5
Groundwater Sampling Field Parameters at Installation Restoration Site 3 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)

Notes:

Field parameters are measured during well purging, just prior to collection of the groundwater sample.

mg/L = milligrams per liter

ORP = oxidation-reduction potential

mV = millivolts

NM = not measured

Italicized results are outside expected range for parameter. Natural groundwater has the following expected ranges:

pH: between 6 and 8.5 standard units

DO: below approximately 9 mg/L

ORP: between approximately 600 and -400 mV

Table 3-6

Groundwater Sample Analytical Results at IR Site 3 Group: Natural Attenuation Parameters

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Innovative Technical Solutions, Inc.

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Groundwater Sample Analytical Results at IR Site 3 Group: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide	TDS
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide	Total Dissolved Solids
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	372-MW1	2004 04 (Winter)	< 0.0050	< 0.0050	0.020	< 0.050	< 0.050	14.0	31.0	160	160	< 1.0	< 1.0	< 0.040	190
		2004 02 (Summer)	< 0.010	< 0.010	0.083	0.010 J	< 0.050	8.2	12.0	61.0	61.0	< 1.0	< 1.0	< 0.040	150
		2003 04 (Winter)	< 0.0030	< 0.0030	0.015	0.75 J	< 1.0 UJ	8.4	20.3	76.7	76.7	< 5.0	-	< 1.0	-
		2003 02 (Summer)	< 0.0030	< 0.0030	0.034	0.21	< 0.10	9.8	17.6	65.1	-	-	-	< 1.0	-
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	< 0.050	< 0.050	7.1	7.9	78.0	78.0	< 1.0	< 1.0	< 0.040	-
	37-MJ-MW1	2004 04 (Winter)	< 0.0050	< 0.0050	0.14 J	< 0.050	< 0.050	13.0	17.0	210	210	< 1.0	< 1.0	< 0.040	310
		2004 02 (Summer)	< 0.010	< 0.010	0.070	< 0.050	< 0.050	8.5	2.0	94.0	94.0	< 1.0	< 1.0	< 0.040	150
		2003 04 (Winter)	< 0.0030	< 0.0030	0.081	< 0.10	< 0.10	6.8	2.5	208	208	< 5.0	-	< 1.0	-
		2003 02 (Summer)	0.0006 J	< 0.0030	0.23	< 0.10	< 0.10	12.0 J	5.5	79.6	-	-	-	< 1.0	-
		2002 04 (Winter)	< 0.010	< 0.010	0.52	< 0.050	< 0.050	4.4	1.7	230	230	< 1.0	< 1.0	< 0.040	-
		2002 02 (Summer)	< 0.010	< 0.010	0.65 J	< 0.050	< 0.050	4.8	4.6	120	120	< 1.0	< 1.0	< 0.040	-
	398-MW4	2004 04 (Winter)	< 0.0050	< 0.0050	2.2	< 0.050	< 0.10	640	1.3	460	460	< 1.0	< 1.0	0.16	1,500
		2004 02 (Summer)	< 0.010	< 0.010	1.5	< 0.10	< 0.25	1,300	7.2	820	820	< 1.0	< 1.0	0.10	2,710
		2003 04 (Winter)	0.0009 J	< 0.0030	0.28	< 1.0	< 1.0	1,090	15.2	959	959	< 5.0	-	< 1.0	-
		2003 02 (Summer)	0.0008 J	< 0.0030	0.57	< 0.10	< 1.0	11,300	17.3	765	-	-	-	< 1.0	-
		2002 04 (Winter)	< 0.010	< 0.010	1.1	< 0.10	< 0.10	1,400	18.0	830	830	< 1.0	< 1.0	< 0.040	-
		2002 02 (Summer)	< 0.010	< 0.010	0.75	< 0.25	< 0.25	1,400	27.0	810	810	< 1.0	< 1.0	< 0.040	-
	M03-04	2004 04 (Winter)	-	-	-	< 0.25	< 0.25	2,600	1.5 J	-	-	-	-	-	4,910
		2004 02 (Summer)	-	-	-	< 0.25	< 0.25	2,500	< 2.5	-	-	-	-	-	4,640
		2003 04 (Winter)	-	-	-	< 0.10	< 0.10	2,230	2.3	-	-	-	-	-	-
		2003 02 (Summer)	-	-	-	4.0	-	2,520	0.51	-	-	-	-	-	-
		2002 04 (Winter)	-	-	-	< 0.25	< 0.25	3,000	< 2.5	-	-	-	-	-	-
		2002 02 (Summer)	-	-	-	< 0.50	< 0.50	3,100	38.0	-	-	-	-	-	-

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Groundwater Sample Analytical Results at IR Site 3 Group: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide	TDS
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide	Total Dissolved Solids
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M03-05	2004 04 (Winter)	< 0.0050	< 0.0050	7.7	< 0.25	< 0.25	2,000	32.0	1,100	1,100	< 1.0	< 1.0	0.36	4,040
		2004 02 (Summer)	< 0.010	< 0.010	0.83	< 0.25	< 0.50	3,000	230	1,100	1,100	< 1.0	< 1.0	0.22	4,620
		2003 04 (Winter)	< 0.0030	< 0.0030	1.4	< 1.0	< 1.0	1,970	74.5	1,090	1,090	< 5.0	-	< 1.0	-
		2003 02 (Summer)	< 0.0030	< 0.0030	0.40	< 0.10	< 1.0	2,140	56.7	1,060	-	-	-	< 1.0	-
		2002 04 (Winter)	< 0.010	< 0.010	0.39	< 0.25	< 0.25	1,900	65.0	1,100	1,100	< 1.0	< 1.0	0.24	-
		2002 02 (Summer)	< 0.010	< 0.010	1.6	< 0.25	< 0.25	2,300	80.0	1,100	1,100	< 1.0	< 1.0	0.26	-
	M03-06	2004 04 (Winter)	< 0.0050	< 0.0050	1.0	< 0.050	< 0.050	61.0	57.0	440	440	< 1.0	< 1.0	0.34	920
		2004 02 (Summer)	< 0.010	< 0.010	0.60	< 0.050	< 0.050	48.0	62.0	430	350	76.0	< 1.0	0.30	1,530
		2003 04 (Winter)	0.0007 J	< 0.0030	0.34	< 0.10	< 0.10	79.6	70.6	1,310	1,310	< 5.0	-	< 1.0	-
		2003 02 (Summer)	0.0006 J	0.0011 J	0.50	< 0.10	< 0.10	66.0 J	76.5	442	-	-	-	< 1.0	-
		2002 04 (Winter)	< 0.010	< 0.010	0.61	< 0.050	< 0.050	74.0	60.0	500	500	< 1.0	< 1.0	0.25	-
		2002 02 (Summer)	< 0.010	< 0.010	0.48	< 0.050	< 0.050	65.0	71.0	480	480	< 1.0	< 1.0	0.38	-
	M03-07	2004 04 (Winter)	-	-	-	0.040 J	< 0.050	260	< 0.50	-	-	-	-	-	-
		2004 02 (Summer)	-	-	-	< 0.050	< 0.050	220	< 0.50	-	-	-	-	-	-
		2003 04 (Winter)	-	-	-	< 0.10	< 0.10	184	< 25.0	-	-	-	-	-	-
		2003 02 (Summer)	-	-	-	< 0.10	< 1.0	266	< 0.50	-	-	-	-	-	-
		2002 04 (Winter)	-	-	-	< 0.050	< 0.050	340	0.18 J	-	-	-	-	-	-
		2002 02 (Summer)	-	-	-	< 0.050	< 0.050	300	1.1	-	-	-	-	-	-
	M04-05	2004 04 (Winter)	< 0.0050	< 0.0050	0.036	3.6	< 0.050	12.0	34.0	380	380	< 1.0	< 1.0	< 0.040	460
		2004 02 (Summer)	< 0.010	< 0.010	0.025	3.4	< 0.050	12.0	32.0	350	350	< 1.0	< 1.0	< 0.040	490
		2003 04 (Winter)	< 0.0030	< 0.0030	0.0007 J	2.8 J	< 1.0 UJ	12.0	31.2	347	347	< 5.0	-	< 1.0	-
		2003 02 (Summer)	< 0.0030	< 0.0030	0.027	4.1	< 0.10	17.3 J	32.0	348	-	-	-	< 1.0	-
		2002 04 (Winter)	< 0.010	< 0.010	0.098	0.46	< 0.050	15.0	21.0	450	450	< 1.0	< 1.0	< 0.040	-

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Groundwater Sample Analytical Results at IR Site 3 Group: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide	TDS
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide	Total Dissolved Solids
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M04-05	2002 02 (Summer)	< 0.010	< 0.010	0.022	4.4	< 0.050	14.0	38.0	380	380	< 1.0	< 1.0	< 0.040	-
	M04-06	2004 04 (Winter)	-	-	-	7.9	< 0.050	41.0	120	-	-	-	-	-	840 J
		2004 02 (Summer)	-	-	-	2.0	< 0.050	25.0	95.0	-	-	-	-	-	460
		2003 04 (Winter)	-	-	-	6.7 J	< 1.0 UJ	56.9	143	-	-	-	-	-	-
		2003 02 (Summer)	-	-	-	6.3	< 0.10	28.5	89.7	-	-	-	-	-	-
		2002 04 (Winter)	-	-	-	2.1	< 0.050	20.0	87.0	-	-	-	-	-	-
		2002 02 (Summer)	-	-	-	1.7	< 0.050	19.0	64.0	-	-	-	-	-	-
	M07B-01	2004 04 (Winter)	-	-	-	< 0.050	< 0.050	160	37.0	-	-	-	-	-	650
		2004 02 (Summer)	-	-	-	< 0.050	< 0.050	200	35.0	-	-	-	-	-	720
		2003 04 (Winter)	-	-	-	< 1.0 UJ	< 1.0 UJ	32.2	25.7	-	-	-	-	-	-
		2003 02 (Summer)	-	-	-	< 0.10	< 0.10	83.7	29.2	-	-	-	-	-	-
		2002 04 (Winter)	-	-	-	< 0.050	< 0.050	210	40.0	-	-	-	-	-	-
		2002 02 (Summer)	-	-	-	< 0.050	< 0.050	110	27.0	-	-	-	-	-	-
	M11-01	2004 04 (Winter)	< 0.0050	< 0.0050	3.6	< 0.050	< 0.050	260	2.7	550	550	< 1.0	< 1.0	< 0.040	920 J
		2004 02 (Summer)	< 0.010	< 0.010	3.4	< 0.050	< 0.050	230	1.2	570	570	< 1.0	< 1.0	< 0.040	980
		2003 04 (Winter)	< 0.0030	< 0.0030	0.94	< 0.10	< 0.10	258	4.6	544	544	< 5.0	-	< 1.0	-
		2003 02 (Summer)	< 0.0030	< 0.0030	1.2	< 0.10	< 1.0	237	2.7	526	-	-	-	< 1.0	-
		2002 04 (Winter)	< 0.010	< 0.010	3.1	< 0.050	< 0.050	310	1.9	580	580	< 1.0	< 1.0	< 0.040	-
		2002 02 (Summer)	< 0.010	< 0.010	2.1	< 0.050	< 0.050	260	2.0	570	570	< 1.0	< 1.0	< 0.040	-
	M11-04	2004 04 (Winter)	-	-	-	0.14	< 0.050	8.9	17.0	-	-	-	-	-	290
		2004 02 (Summer)	-	-	-	0.57	< 0.050	14.0	21.0	-	-	-	-	-	350
		2003 04 (Winter)	-	-	-	4.9	< 0.10	32.1	134	-	-	-	-	-	-
		2003 02 (Summer)	-	-	-	2.8	< 0.10	37.0 J	87.9	-	-	-	-	-	-

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Groundwater Sample Analytical Results at IR Site 3 Group: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide	TDS
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide	Total Dissolved Solids
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number		Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M11-04	2002 04 (Winter)	-	-	-	< 0.050	< 0.050	11.0	39.0	-	-	-	-	-	-
		2002 02 (Summer)	-	-	-	1.3	< 0.050	17.0	72.0	-	-	-	-	-	-
	M11-05	2004 04 (Winter)	< 0.0050	< 0.0050	0.089 J	< 0.10	< 0.25	2,000	180	330	330	< 1.0	< 1.0	< 0.040	3,180 J
		2004 02 (Summer)	< 0.010	< 0.010	0.086	< 0.050	< 0.10	900	65.0	320	320	< 1.0	< 1.0	< 0.040	1,740
		2003 04 (Winter)	< 0.0030	< 0.0030	0.064	< 1.0 UJ	< 1.0 UJ	1,300	90.7	386	386	< 5.0	-	< 1.0	-
		2003 02 (Summer)	< 0.0030	< 0.0030	0.091	< 0.10	< 1.0	1,210	-	353	-	-	-	< 1.0	-
		2002 04 (Winter)	< 0.010	< 0.010	0.083	< 0.25	< 0.25	3,600	430	300	300	< 1.0	< 1.0	0.040	-
		2002 02 (Summer)	< 0.010	< 0.010	0.12	< 0.050	< 0.050	930	73.0	370	370	< 1.0	< 1.0	< 0.040	-
	M11-06	2004 04 (Winter)	-	-	-	0.030 J	< 0.050	340	47.0	-	-	-	-	-	900
		2004 02 (Summer)	-	-	-	0.050	< 0.050	440	58.0	-	-	-	-	-	1,060
		2003 04 (Winter)	-	-	-	0.22	< 0.10	171	39.6	-	-	-	-	-	-
		2003 02 (Summer)	-	-	-	< 0.10	< 1.0	293	39.4	-	-	-	-	-	-
		2002 04 (Winter)	-	-	-	< 0.050	< 0.050	240	22.0	-	-	-	-	-	-
		2002 02 (Summer)	-	-	-	< 0.050	< 0.050	160	23.0	-	-	-	-	-	-
	MBG-3	2004 04 (Winter)	< 0.0050	< 0.0050	6.1	< 0.050	< 0.050	22.0	1.6	820	820	< 1.0	< 1.0	0.060	700
		2004 02 (Summer)	< 0.010	< 0.010	8.1	< 0.050	< 0.050	20.0	1.5	570	570	< 1.0	< 1.0	0.060	630
		2003 04 (Winter)	< 0.0030	< 0.0030	2.0	< 1.0 UJ	< 1.0 UJ	22.9	6.2	572	572	< 5.0	-	< 1.0	-
		2003 02 (Summer)	< 0.0030	< 0.0030	5.1	< 0.10	< 0.10	28.6 J	2.1	565	-	-	-	< 1.0	-
		2002 04 (Winter)	< 0.010	< 0.010	7.3	< 0.050	< 0.050	24.0	0.66	550	550	< 1.0	< 1.0	0.070	-
		2002 02 (Summer)	< 0.010	< 0.010	5.3	< 0.050	< 0.050	21.0	< 0.50 J	530	530	< 1.0	< 1.0	< 0.040	-
	MW360-1	2004 04 (Winter)	-	-	-	0.020 J	< 0.050	490	190	-	-	-	-	-	1,920
		2004 02 (Summer)	-	-	-	0.030 J	< 0.050	490	180	-	-	-	-	-	2,070
		2003 04 (Winter)	-	-	-	0.15	< 0.10	493	185	-	-	-	-	-	-

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Groundwater Sample Analytical Results at IR Site 3 Group: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide	TDS
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide	Total Dissolved Solids
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	MW360-1	2003 02 (Summer)	-	-	-	0.24	< 1.0	491	219	-	-	-	-	-	-
		2002 04 (Winter)	-	-	-	0.22	< 0.10	610	190	-	-	-	-	-	-
		2002 02 (Summer)	-	-	-	0.32	< 0.050	630	210	-	-	-	-	-	-
	MW360-2	2004 04 (Winter)	< 0.0050	< 0.0050	4.7	< 0.050	< 0.050	52.0	5.0	240	240	< 1.0	< 1.0	< 0.040	320
		2004 02 (Summer)	< 0.010	< 0.010	0.13	< 0.10	< 0.25	1,100	150	430	430	< 1.0	< 1.0	< 0.040	1,980
		2003 04 (Winter)	< 0.0030	< 0.0030	2.1	< 1.0 UJ	< 1.0 UJ	12.4	4.0 J	225	225	< 5.0	-	< 1.0	-
		2003 02 (Summer)	< 0.0030	< 0.0030	0.066	< 0.10	< 1.0	1,180	171	403	-	-	-	< 1.0	-
		2002 04 (Winter)	< 0.010	< 0.010	4.4	< 0.050	< 0.050	370	46.0	300	300	< 1.0	< 1.0	0.090	-
		2002 02 (Summer)	< 0.010	< 0.010	0.38	< 0.050	< 0.050	1,200	120	360	360	< 1.0	< 1.0	< 0.040	-
	MW360-3	2004 04 (Winter)	-	-	-	0.050	< 0.050	42.0	40.0	-	-	-	-	-	760
		2004 02 (Summer)	-	-	-	< 0.050	< 0.050	26.0	25.0	-	-	-	-	-	860
		2003 04 (Winter)	-	-	-	< 1.0	< 1.0	25.3	26.2	-	-	-	-	-	-
		2003 02 (Summer)	-	-	-	< 0.10	< 0.10	40.6 J	28.4	-	-	-	-	-	-
		2002 04 (Winter)	-	-	-	0.090	< 0.050	38.0	29.0	-	-	-	-	-	-
		2002 02 (Summer)	-	-	-	< 0.050	< 0.050 J	39.0	32.0	-	-	-	-	-	-
	MW360-4	2004 04 (Winter)	-	-	-	0.030 J	< 0.050	20.0	50.0	-	-	-	-	-	340
		2004 02 (Summer)	-	-	-	0.020 J	< 0.050	18.0	46.0	-	-	-	-	-	410
		2003 04 (Winter)	-	-	-	< 1.0	< 1.0	14.2	38.2	-	-	-	-	-	-
		2003 02 (Summer)	-	-	-	0.12	< 0.10	33.6	73.2	-	-	-	-	-	-
		2002 04 (Winter)	-	-	-	< 0.050	< 0.050	26.0	66.0	-	-	-	-	-	-
		2002 02 (Summer)	-	-	-	< 0.050	< 0.050	25.0	61.0	-	-	-	-	-	-
	MW97-3	2004 04 (Winter)	-	-	-	0.63	0.030 J	15.0	52.0	-	-	-	-	-	430
		2004 02 (Summer)	-	-	-	2.3	0.020 J	20.0	68.0	-	-	-	-	-	420

Ta[illegible]3-6

Groundwater Sample Analytical Results at IR Site 3 Group: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide	TDS
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide	Total Dissolved Solids
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	MW97-3	2003 04 (Winter)	-	-	-	< 1.0	< 1.0	34.2	88.4	-	-	-	-	-	-
		2003 02 (Summer)	-	-	-	0.94 J	< 0.10	35.9 J	44.0	-	-	-	-	-	-
		2002 04 (Winter)	-	-	-	0.14	< 0.050	16.0	29.0	-	-	-	-	-	-
		2002 02 (Summer)	-	-	-	0.11	< 0.050	17.0	32.0	-	-	-	-	-	-
	WA-8	2004 04 (Winter)	< 0.0050	< 0.0050	4.1	< 0.050	< 0.050	460	0.44 J	980	980	< 1.0	< 1.0	0.13	1,730
		2004 02 (Summer)	< 0.010	< 0.010	1.5	< 0.050	< 0.050	550	8.0	880	880	< 1.0	< 1.0	< 0.040	1,990
		2003 04 (Winter)	< 0.0030	< 0.0030	0.48	< 1.0	< 1.0	473	< 5.0	1,040	1,040	< 5.0	-	< 1.0	-
		2003 02 (Summer)	< 0.0030	< 0.0030	0.23	< 0.10	< 1.0	412	33.2	647	-	-	-	< 1.0	-
		2002 04 (Winter)	< 0.010	< 0.010	0.69	< 0.10	< 0.10	560	16.0	970	970	< 1.0	< 1.0	< 0.040	-
		2002 02 (Summer)	< 0.010	< 0.010	0.11	< 0.050	< 0.050	590	47.0	800	800	< 1.0	< 1.0	< 0.040	-
SWBZ	D03-01	2004 04 (Winter)	-	-	-	< 1.3	< 2.5	20,000	2,300	-	-	-	-	-	29,600
		2004 02 (Summer)	-	-	-	< 1.3	< 2.5	19,000	2,200	-	-	-	-	-	32,900
		2003 04 (Winter)	-	-	-	-	-	15,600	1,830	-	-	-	-	-	-
		2003 02 (Summer)	-	-	-	< 1.0	-	15,700	1,980	-	-	-	-	-	-
		2002 04 (Winter)	-	-	-	< 1.0	< 1.0	19,000	2,200	-	-	-	-	-	-
		2002 02 (Summer)	-	-	-	< 1.0	< 1.0	19,000	2,000	-	-	-	-	-	-
	D04-01	2004 04 (Winter)	< 0.0050	< 0.0050	0.0070	< 1.3	< 2.5	22,000	3,100	240	240	< 1.0	< 1.0	< 0.040	33,400
		2004 02 (Summer)	< 0.010	< 0.010	< 0.010	< 1.3	< 2.5	21,000	2,900	230	230	< 1.0	< 1.0	< 0.040	32,500
		2003 04 (Winter)	< 0.0030	< 0.0030	0.0042	< 1.0	-	17,700	2,830	242	242	< 5.0	-	< 1.0	-
		2003 02 (Summer)	< 0.0030	< 0.0030	0.0047	< 1.0	< 50.0	22,000 J	2,870	238	-	-	-	< 1.0	-
		2002 04 (Winter)	< 0.010	< 0.010	< 0.010	< 1.0	< 1.0	21,000	3,000	250	250	< 1.0	< 1.0	< 0.040	-
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	< 1.0	< 1.0	21,000	3,000	250	250	< 1.0	< 1.0	< 0.040	-
	D04-02	2004 04 (Winter)	< 0.0050	< 0.0050	0.0060	< 1.3	< 2.5	21,000	2,700	220	220	< 1.0	< 1.0	< 0.040	30,000

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Groundwater Sample Analytical Results at IR Site 3 Group: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide	TDS
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide	Total Dissolved Solids
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWBZ	D04-02	2004 02 (Summer)	< 0.010	< 0.010	< 0.010	< 1.3	< 2.5	19,000	2,500	220	220	< 1.0	< 1.0	< 0.040	26,100
		2003 04 (Winter)	< 0.0030	< 0.0030	< 0.0030	< 1.0 UJ	-	18,700	3,020	213	213	< 5.0	-	< 1.0	-
		2003 02 (Summer)	< 0.0030	< 0.0030	0.0027 J	< 1.0	< 50.0	20,600 J	2,400	210	-	-	-	< 1.0	-
		2002 04 (Winter)	< 0.010	< 0.010	0.017	< 1.0	< 1.0	20,000	2,900	220	220	< 1.0	< 1.0	< 0.040	-
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	< 1.0	< 1.0	20,000	2,500	220	220	< 1.0	< 1.0	< 0.040	-
	D04-03	2004 04 (Winter)	-	-	-	< 2.5	< 5.0	31,000	4,200	-	-	-	-	-	46,400
		2004 02 (Summer)	-	-	-	< 2.5	< 5.0	29,000	4,100	-	-	-	-	-	50,600
		2003 04 (Winter)	-	-	-	< 1.0	-	13,100	2,070	-	-	-	-	-	-
		2003 02 (Summer)	-	-	-	< 1.0	< 200	32,100	5,110	-	-	-	-	-	-
		2002 04 (Winter)	-	-	-	< 2.5	< 2.5	30,000	4,300	-	-	-	-	-	-
		2002 02 (Summer)	-	-	-	< 1.0	< 1.0	29,000	4,000	-	-	-	-	-	-
	D11-01	2004 04 (Winter)	< 0.0050	< 0.0050	0.027 J	< 1.3	< 2.5	21,000	5,900	1,100	1,100	< 1.0	< 1.0	< 0.040	38,500
		2004 02 (Summer)	< 0.010	< 0.010	0.028	< 1.3	< 2.5	19,000	5,400	1,000	1,000	< 1.0	< 1.0	< 0.040	38,100
		2003 04 (Winter)	< 0.0030	< 0.0030	0.016	< 1.0	-	17,300	5,820	1,020	1,020	< 5.0	-	< 1.0	-
		2003 02 (Summer)	< 0.0030	< 0.0030	0.014	< 1.0	-	17,100	5,350	960	-	-	-	< 1.0	-
		2002 04 (Winter)	< 0.010	< 0.010	0.017	< 1.0	< 1.0	21,000	5,800	990	990	< 1.0	< 1.0	< 0.040	-
		2002 02 (Summer)	< 0.010	< 0.010	0.026	< 1.0	< 1.0	21,000	5,800	1,000	1,000	< 1.0	< 1.0	< 0.040	-

General Table Footnotes
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

ns a obreviations
Saltwater Ambient Water Quality Criteria, (U.S. EPA, 2002)
ckground value (Tetra Tech Environmental Management, Inc., November, 2001)
First Water-Bearing Zone
Installation Restoration Site
alifornia maximum contaminant level (U.S. EPA and California Department of Health Services, June 2003)
Methyl tert-butyl ether
t available (applicable to regulatory limits or background values)
olycyclic Aromatic Hydrocarbons
etrachloroethene
dium
lfate
ntium
Semivolatile Organic Compounds
Second Water-Bearing Zone
richloroethene
otal Dissolved Solids
otal Petroleum Hydrocarbons
olatile Organic Compounds
ound not analyzed

icrograms per liter
illi per liter
ico es per liter
parts per billion by volume

on Qualifiers
nated value.
detected at or above the indicated reporting limit.
detected at or above the indicated reporting limit. The reporting limit is an estimate.
analyte is rejected due to deficiencies in the ability to analyze the sample and meet QC criteria.
e analyte was not detected. The analyte is rejected due to deficiencies in the ability to
ze the sample and meet QC criteria.

d values are bolded.
d values greater than the MCL are shown in yellow highlighting
d values greater than the BV are shown in blue highlighting
d values greater than the both the BV and the MCL are shown in pink highlighting
PH (calculated) is the sum of all reported TPH results. Where all TPH results are less
eporting limits, the Total TPH value is represented by the highest reporting limit.

Figures

Site 3 Group
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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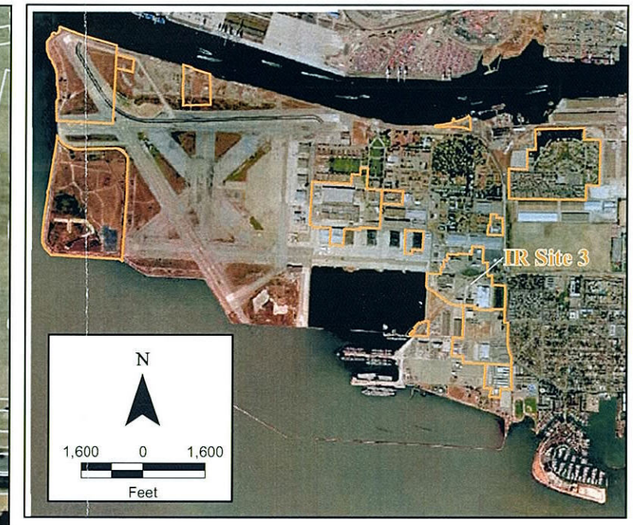
Technical
Solutions, Inc.



Legend

- First Water Bearing Zone (FWBZ) Wells
- Second Water Bearing Zone (SWBZ) Wells
- IR Site Boundary
- Facility

N

400 0 400

Feet

2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Site 3 Group\IR Site 3 Group Location Map_NAD83.mxd

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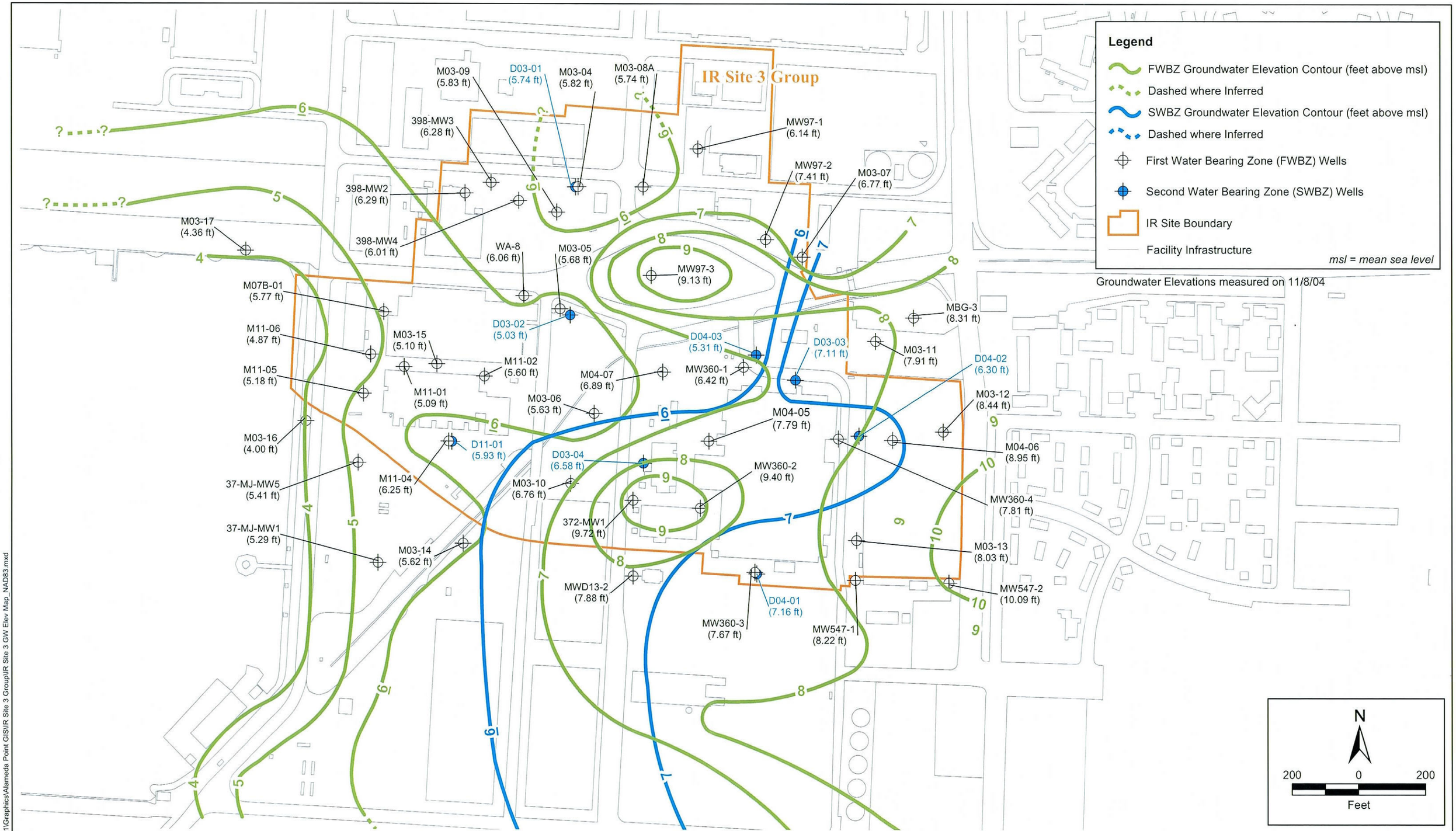
U.S. DEPARTMENT OF THE NAVY, BASE REALIGNMENT AND CLOSURE
PROGRAM MANAGEMENT OFFICE WEST
SAN DIEGO, CALIFORNIA
ALAMEDA POINT, ALAMEDA, CALIFORNIA

FIGURE 3-1
IR SITE 3 GROUP
SITE AND WELL LOCATION MAP



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ALAMEDA POINT, ALAMEDA, CALIFORNIA

FIGURE 3-2
IR SITE 3 GROUP
GROUNDWATER ELEVATION MAP
FALL/WINTER 2004

2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Site 3 Group\IR Site 3 GW Elev Map_NAD83.mxd

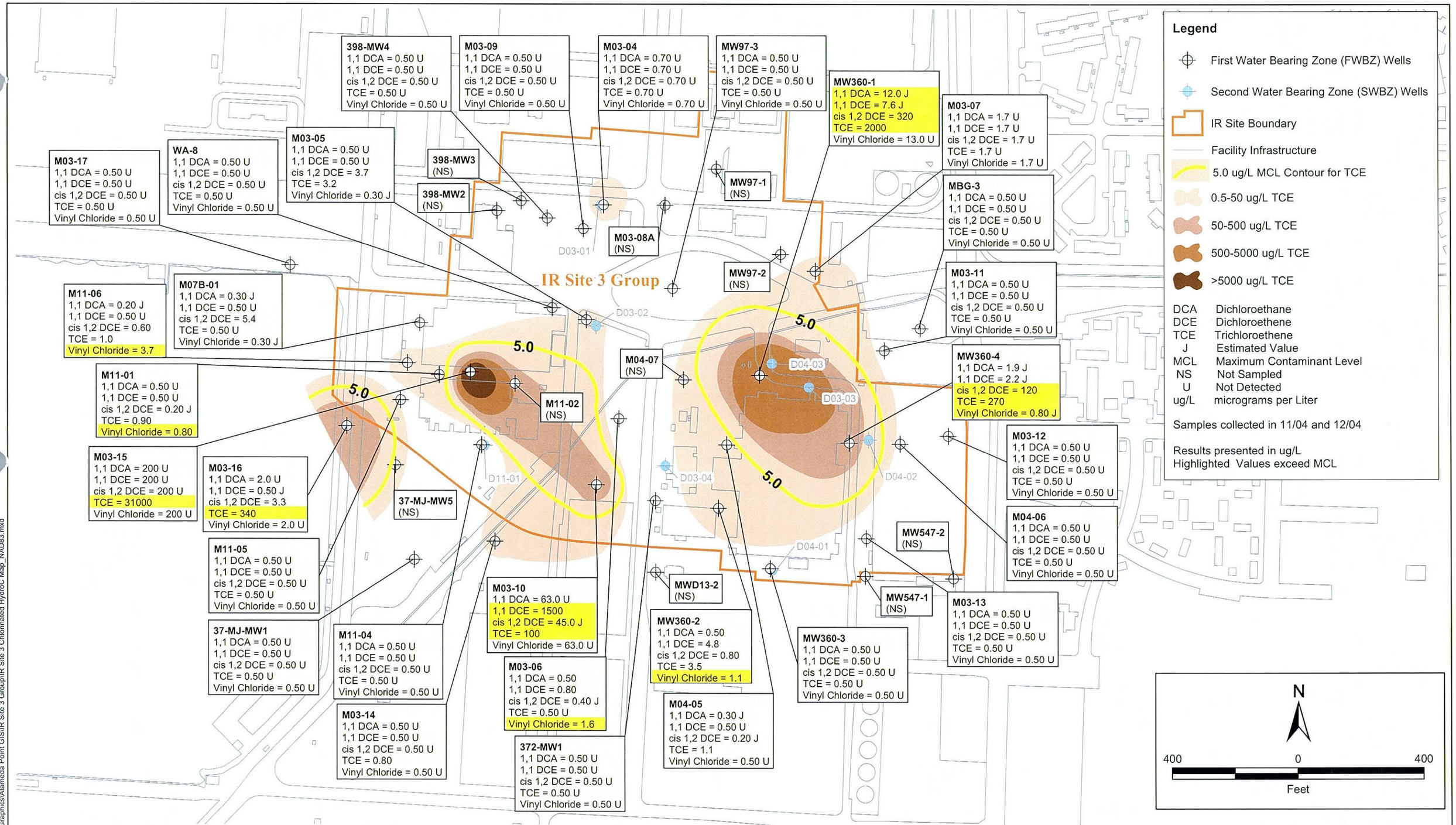

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FIGURE 3-3
IR SITE 3 GROUP
GROUNDWATER DISTRIBUTION OF SELECTED
CHLORINATED HYDROCARBONS ABOVE CRITERIA
FALL/WINTER 2004

2002 Projects\02-...\Graphics\Alameda Point GIS\IR Site 3 Group\IR Site 3 Chlorinated HydroC Map_NAD83.mxd

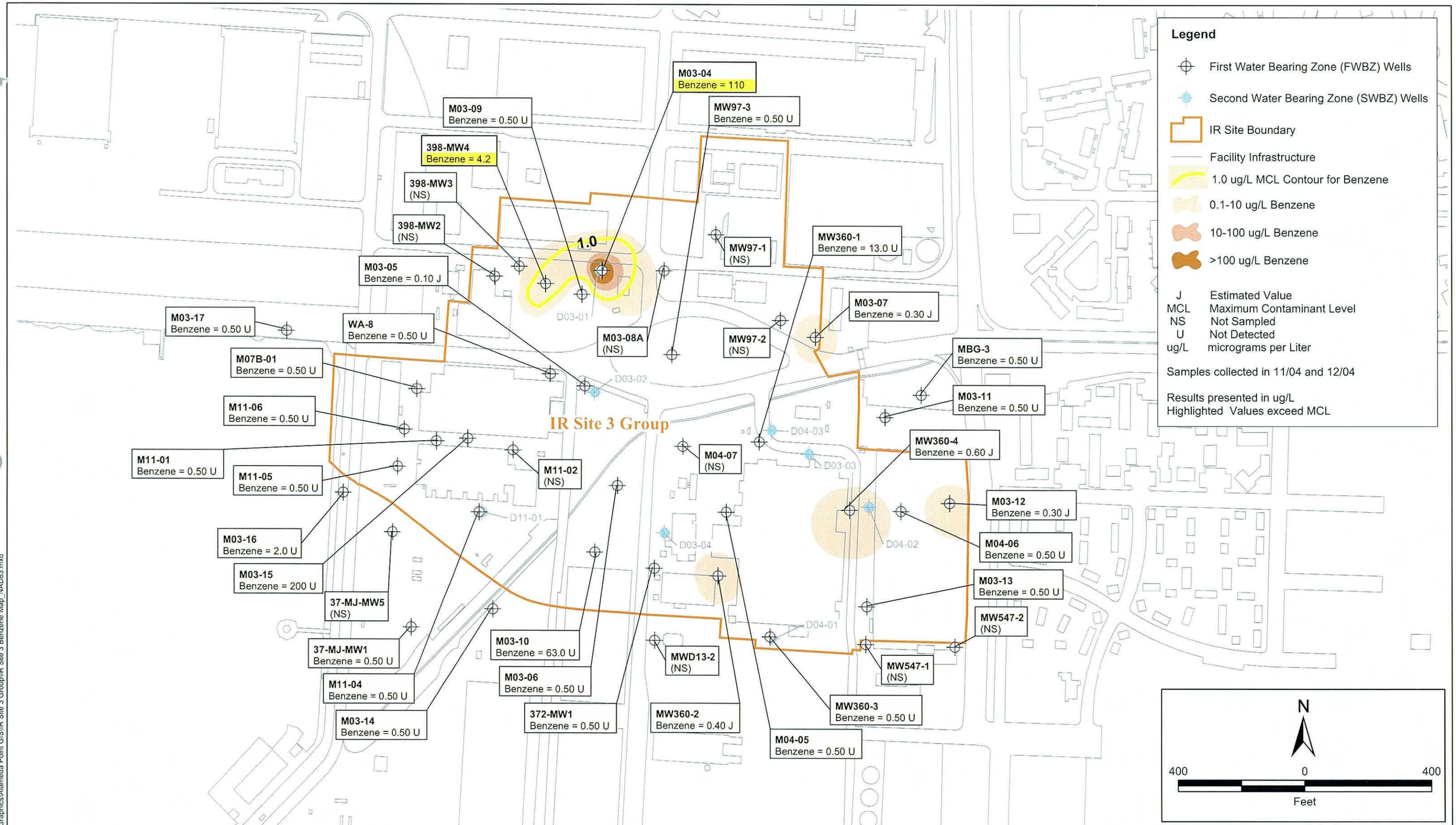

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FIGURE 3-4
IR SITE 3
GROUNDWATER DISTRIBUTION OF
BENZENE CONCENTRATIONS ABOVE CRITERIA
FALL/WINTER 2004

2002 Projects\02-11\Graphics\Alameda Point GIS\IR Site 3 Group\IR Site 3 Benzene Map_NAD83.mxd

Appendix A -
Analytical Data with Data Qualifiers and Reason Code Definitions

Site 3 Group
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

Innovative Technical Solutions, Inc.

N00236.003004
ALAMEDA POINT
SSIC NO. 5090.3.A.

ANALYTICAL DATA

THIS RECORD CONTAINS LARGE VOLUMES OF DATA AND IS NOT REQUIRED TO BE PHYSICALLY LOCATED WITH THE ADMINISTRATIVE RECORD DOCUMENT.

DUE TO EXTENSIVE VOLUME, THIS DATA WILL NOT BE IMAGED.

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N00236.003004
ALAMEDA POINT
SSIC NO. 5090.3.A.

FOLDER 2 OF 25

Site 5 Group

Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

Innovative Technical Solutions, Inc.

Tables

Site 5 Group
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

Innovative Technical Solutions, Inc.

Table 5-1
Groundwater Monitoring Summary, IR Site 5 Group - Fall/Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

				Organic Compounds						Inorganic Compounds		Natural Attenuation Parameters				
WATER-BEARING ZONE	SAMPLE LOCATION	GEOLOGICAL UNIT	SCREEN INTERVAL (FT. BGS)	TPH- E as Diesel, Jet Fuel, Motor Oil (EPA 8015B)	TPH-P as Gasoline (EPA 8015B)	VOCs (EPA 8260B)	SVOCs (EPA 8270C)	Polycyclic Aromatic Hydrocarbons (EPA 8310)	Pesticides (EPA 8081A)	Dissolved Metals (EPA 6010B/ 6020A/7470A)	Hexavalent Chromium (EPA 7196A)	Methane, Ethane, Ethene (RSK SOP 175)	Nitrate, Nitrite, Chloride, Sulfate (EPA 9056/300.0)	Alkalinity (EPA 310.1)	Sulfide (EPA 376.2)	Ferrous Iron by (Hach 8146)
Groundwater Monitoring Program Wells																
First	2MW8S	Fill	8.5 - 13.5	X	X	X	X	X	X	X	X	X	X	X	X	X
	M05-01	Fill	4 - 14	X	X	X				X	X	X	X	X	X	X
	M05-02	Fill	4 - 14			X										
	M05-05	Fill	4 - 14	X	X	X				X	X	X	X	X	X	X
	M05-06	Fill	3 - 13	X	X	X				X	X					
	M05-08	Fill-BSU	7 - 15	X	X	X				X	X	X	X	X	X	X
	M05-09	Fill	5 - 15	X	X	X				X	X	X	X	X	X	X
	M12-04	Fill-BSU	4 - 14	X	X	X				X	X	X	X	X	X	X
Second	D05-01	Merritt	60 - 70	X	X	X				X	X	X	X	X	X	X
	D05-03	Merritt-USA	57 - 67	X	X	X				X	X					
	D05-04	Lower Merritt	65 - 70			X							X	X	X	X
	D05-05	Lower Merritt	65 - 70			X							X	X	X	X
	D05-06	Lower Merritt	65.6 - 70.6			X							X	X	X	X
	D05-07	Lower Merritt	65 - 70			X							X	X	X	X
	D05-08	Lower Merritt	65 - 70			X							X	X	X	X
	D12-01	Merritt	60 - 70	X	X	X				X	X	X	X	X	X	X

Table 5-1
Groundwater Monitoring Summary, IR Site 5 Group - Fall/Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

				Organic Compounds						Inorganic Compounds		Natural Attenuation Parameters				
WATER-BEARING ZONE	SAMPLE LOCATION	GEOLOGICAL UNIT	SCREEN INTERVAL (FT. BGS)	TPH- E as Diesel, Jet Fuel, Motor Oil (EPA 8015B)	TPH-P as Gasoline (EPA 8015B)	VOCs (EPA 8260B)	SVOCs (EPA 8270C)	Polycyclic Aromatic Hydrocarbons (EPA 8310)	Pesticides (EPA 8081A)	Dissolved Metals (EPA 6010B/ 6020A/7470A)	Hexavalent Chromium (EPA 7196A)	Methane, Ethane, Ethene (RSK SOP 175)	Nitrate, Nitrite, Chloride, Sulfate (EPA 9056/300.0)	Alkalinity (EPA 310.1)	Sulfide (EPA 376.2)	Ferrous Iron by (Hach 8146)
Non-Program Wells, Water Level Only																
First	M05-03	Fill	4 - 12	-	-	-	-	-	-	-	-	-	-	-	-	-
	M05-04	Fill	5 - 15	-	-	-	-	-	-	-	-	-	-	-	-	-
	M10-01	Fill-BSU	4 - 14	-	-	-	-	-	-	-	-	-	-	-	-	-
	M10-02	Fill	3 - 13	-	-	-	-	-	-	-	-	-	-	-	-	-
	M10-03	Fill	3 - 13	-	-	-	-	-	-	-	-	-	-	-	-	-
	M116-E	Fill	10 - 20	-	-	-	-	-	-	-	-	-	-	-	-	-
	M117-E	Fill-BSU	8 - 18	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

X Well sampled for this parameter during Fall/Winter 2004 event.

\- Well not in analytical program.

Fill - Artificial Fill
BSU - Bay Sediment Unit
USA - Upper San Antonio Formation
Merritt - Merritt Sand

FT. BGS - Feet below ground surface
TPH - Total Petroleum Hydrocarbons
VOCs - Volatile Organic Compounds

(8260B) - U.S. Environmental Protection Agency analytical method
SVOCs - Semivolatile Organic Compound
RSK 175 - R.S. Kerr Laboratory Standard Operating Procedure 175

Table 5-2
Summary of Groundwater Level Measurements at Installation Restoration Site 5 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	2MW8S	12.64	12.64	11/08/04	7.31	5.33
		12.64	12.64	06/15/04	7.14	5.50
		12.64	12.64	03/01/04	6.73	5.91
		12.64	12.64	12/03/03	7.34	5.30
First	M05-01	12.28	11.88 *	11/08/04	7.16	4.72
		12.28	11.88 *	06/15/04	7.16	4.72
		12.28	11.88 *	03/01/04	6.50	5.38
		12.28	11.88 *	12/03/03	7.29	4.59
		12.28	11.88 *	09/16/03	7.21	4.67
		12.28	11.88 *	06/23/03	7.11	4.77
		12.28	11.88 *	04/07/03	7.11	4.77
		12.28	11.88 *	12/10/02	7.68	4.20
		12.28	11.88 *	09/10/02	7.75	4.13
		12.28	11.88 *	06/25/02	7.60	4.28
First	M05-02	11.47	11.47	11/08/04	6.92	4.55
		11.47	11.47	06/15/04	6.79	4.68
		11.47	11.47	03/01/04	6.30	5.17
		11.47	11.47	12/03/03	6.96	4.51
		11.47	11.47	09/16/03	6.97	4.50
		11.47	11.47	06/23/03	6.75	4.72
		11.47	11.47	04/07/03	6.65	4.82
First	M05-03 ‡	10.93	10.93 **	11/08/04	5.41	5.52
		10.93	10.93 **	06/15/04	5.28	5.65
		10.93	10.93 **	03/01/04	4.06	6.87
		10.93	10.93 **	12/03/03	4.90	6.03
		10.93	10.93 **	09/16/03	5.56	5.37
		10.93	10.93 **	06/23/03	4.82	6.11
		10.93	10.93 **	04/07/03	4.71	6.22
First	M05-04 ‡	11.54	11.54 **	11/08/04	6.07	5.47
		11.54	11.54 **	06/15/04	5.58	5.96
		11.54	11.54 **	03/01/04	5.21	6.38
		11.54	11.54 **	12/03/03	6.40	5.19
		11.54	11.54 **	09/16/03	6.19	5.40
		11.54	11.54 **	06/23/03	5.79	5.80
		11.54	11.54 **	04/07/03	5.84	5.75
First	M05-05	11.22	10.71 *	11/08/04	6.29	4.42
		11.22	10.71 *	06/15/04	6.32	4.39
		11.22	10.71 *	03/01/04	5.00	5.71
		11.22	10.71 *	12/03/03	6.30	4.41
		11.22	10.71 *	09/16/03	6.28	4.43
		11.22	10.71 *	06/23/03	6.30	4.41
		11.22	10.71 *	04/07/03	6.26	4.45
		11.22	10.71 *	12/10/02	7.04	3.67
		11.22	10.71 *	09/10/02	6.95	3.76
		11.22	10.71 *	06/25/02	6.90	3.81
First	M05-06	10.04	10.22 **	11/08/04	7.09	3.13
		10.04	10.22 **	06/15/04	7.10	3.12
		10.04	10.22 **	03/01/04	6.02	4.20

Table 5-2
Summary of Groundwater Level Measurements at Installation Restoration Site 5 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M05-06	10.04	10.22 **	12/03/03	7.04	3.18
		10.04	10.22 **	09/16/03	7.04	3.18
		10.04	10.22 **	06/23/03	6.96	3.26
		10.04	10.22 **	04/07/03	7.04	3.18
		10.04	10.22 **	04/07/03	7.04	3.18
		10.04	10.22 **	09/10/02	6.75	3.47
		10.04	10.22 **	09/10/02	6.75	3.47
First	M05-08	13.30	13.11 *	11/08/04	7.74	5.37
		13.30	13.11 *	06/15/04	7.70	5.41
		13.30	13.11 *	03/01/04	6.70	6.41
		13.30	13.11 *	12/03/03	7.96	5.15
		13.30	13.11 *	09/16/03	7.75	5.36
		13.30	13.11 *	06/23/03	7.37	5.74
		13.30	13.11 *	04/07/03	7.57	5.54
		13.30	13.11 *	12/10/02	8.70	4.41
		13.30	13.11 *	09/10/02	8.16	4.95
		13.30	13.11 *	07/10/02	8.22	4.89
First	M05-09	11.42	11.02 *	11/08/04	6.26	4.76
		11.42	11.02 *	06/15/04	6.26	4.76
		11.42	11.02 *	03/01/04	5.35	5.67
		11.42	11.02 *	12/03/03	6.37	4.65
		11.42	11.02 *	09/16/03	6.49	4.53
		11.42	11.02 *	06/23/03	6.53	4.49
		11.42	11.02 *	04/07/03	6.39	4.63
		11.42	11.02 *	12/10/02	7.04	3.98
		11.42	11.02 *	09/10/02	6.78	4.24
		11.42	11.02 *	06/25/02	8.24	2.78
First	M05-10	13.18	12.87 *	09/16/03	Abandoned	NC
		13.18	12.87 *	06/23/03	7.18	5.69
		13.18	12.87 *	04/07/03	7.16	5.71
		13.18	12.87 *	12/24/02	7.40 §	5.47
		13.18	12.87 *	09/10/02	7.44	5.43
		13.18	12.87 *	07/11/02	7.20	5.67
First	M10-01 ‡	10.35	10.39 **	11/08/04	4.55	5.84
		10.35	10.39 **	06/15/04	4.42	5.97
		10.35	10.39 **	03/01/04	3.50	6.89
		10.35	10.39 **	12/03/03	4.06	6.33
		10.35	10.39 **	09/16/03	4.31	6.08
		10.35	10.39 **	06/23/03	3.91	6.48
		10.35	10.39 **	04/07/03	3.71	6.68
First	M10-02 ‡	10.75	10.75 **	11/08/04	4.45	6.30
		10.75	10.75 **	06/15/04	4.21	6.54
		10.75	10.75 **	03/01/04	3.32	7.51
		10.75	10.75 **	12/03/03	4.18	6.65
		10.75	10.75 **	09/16/03	4.38	6.45
		10.75	10.75 **	06/23/03	3.90	6.93
		10.75	10.75 **	04/07/03	3.57	7.26
First	M10-03 ‡	9.98	10.04 **	11/08/04	4.15	5.89

Table 5-2
Summary of Groundwater Level Measurements at Installation Restoration Site 5 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M10-03 ‡	9.98	10.04 **	06/15/04	3.83	6.21
		9.98	10.04 **	03/01/04	2.80	7.24
		9.98	10.04 **	12/03/03	3.35	6.69
		9.98	10.04 **	09/16/03	3.61	6.43
		9.98	10.04 **	06/23/03	3.25	6.79
		9.98	10.04 **	04/08/03	3.96	6.08
First	M116-E ‡	9.40	9.40	11/08/04	4.31	5.09
		9.40	9.40	06/15/04	4.29	5.11
		9.40	9.40	03/01/04	NM	NC
		9.40	9.40	12/03/03	4.08	5.32
		9.40	9.40	09/16/03	4.50	4.90
		9.40	9.40	06/23/03	4.12	5.28
		9.40	9.40	04/07/03	NM	NC
First	M117-E ‡	10.55	10.55	11/08/04	5.43	5.12
		10.55	10.55	06/15/04	5.19	5.36
		10.55	10.55	03/01/04	4.30	6.25
		10.55	10.55	12/03/03	5.50	5.05
		10.55	10.55	09/16/03	6.42	4.13
		10.55	10.55	06/23/03	5.04	5.51
		10.55	10.55	04/07/03	5.04	5.51
First	M12-04	10.79	10.40 *	11/08/04	3.68	6.72
		10.79	10.40 *	06/15/04	3.78	6.62
		10.79	10.40 *	03/01/04	2.91	7.49
		10.79	10.40 *	12/03/03	3.85	6.55
		10.79	10.40 *	09/16/03	4.03	6.37
		10.79	10.40 *	06/23/03	3.71	6.69
		10.79	10.40 *	04/07/03	3.58	6.82
		10.79	10.40 *	12/10/02	4.44	5.96
		10.79	10.40 *	09/10/02	4.36	6.04
		10.79	10.40 *	06/25/02	4.05	6.35
Second	D05-01	12.17	12.02 *	11/08/04	6.54	5.48
		12.17	12.02 *	06/15/04	6.68	5.34
		12.17	12.02 *	03/01/04	6.03	5.99
		12.17	12.02 *	12/03/03	6.94	5.08
		12.17	12.02 *	09/16/03	6.78	5.24
		12.17	12.02 *	06/23/03	6.70	5.32
		12.17	12.02 *	04/07/03	6.91	5.11
		12.17	12.02 *	12/10/02	7.30	4.72
		12.17	12.02 *	09/10/02	7.29	4.73
		12.17	12.02 *	07/12/02	7.21	4.81
Second	D05-03	9.86	9.86	11/08/04	4.75	5.11
		9.86	9.86	06/15/04	4.82	5.04
		9.86	9.86	03/01/04	4.28	5.58
		9.86	9.86	12/03/03	4.55	5.31
		9.86	9.86	09/16/03	4.44	5.42
		9.86	9.86	06/23/03	3.89	5.97
		9.86	9.86	04/07/03	4.81	5.05
		9.86	9.86	09/10/02	5.30	4.56

Table 5-2
Summary of Groundwater Level Measurements at Installation Restoration Site 5 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
Second	D05-04	12.67	12.67	11/08/04	8.05	4.62
		12.67	12.67	06/15/04	8.19	4.48
Second	D05-05	12.07	12.07	11/08/04	7.43	4.64
		12.07	12.07	06/15/04	7.54	4.53
Second	D05-06	11.96	11.96	11/08/04	7.41	4.55
		11.96	11.96	06/15/04	7.54	4.42
Second	D05-07	11.69	11.69	11/08/04	7.02	4.67
		11.69	11.69	06/15/04	7.40	4.29
Second	D05-08	11.10	11.10	11/08/04	6.44	4.66
		11.10	11.10	06/15/04	6.56	4.54
Second	D12-01	10.96	10.76 *	11/08/04	5.75	5.01
		10.96	10.76 *	06/15/04	5.57	5.19
		10.96	10.76 *	03/01/04	5.11	5.65
		10.96	10.76 *	12/03/03	6.10	4.66
		10.96	10.76 *	09/16/03	6.00	4.76
		10.96	10.76 *	06/23/03	5.95	4.81
		10.96	10.76 *	04/07/03	6.22	4.54
		10.96	10.76 *	12/10/02	6.54	4.22
		10.96	10.76 *	09/10/02	6.56	4.20
		10.96	10.76 *	07/12/02	6.25	4.51

Notes:
BTOC = below top of casing
msl = mean sea level
NC = Groundwater elevation not calculated
NM = Water level not measured

* = Surveyed to NGVD 29 by Calvada Surveying in September 2002. Subsequently converted to NAVD 88 by Shaw Environmental, Inc. using the Corpscon software.
** = Converted from Mean Lower Low Water to NAVD 88 by Shaw Environmental, Inc. using the Tidal Datum Epoch (1960-1978) at Tidal Bench Mark 9414750
§ = Measured prior to purging well for sampling
‡ = Well used only for water level measurements. Not scheduled for sampling in the monitoring program.

Table 5-3

Groundwater Sample Analytical Results at IR Site 5 Group: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

Innovative
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Table 5-3
Groundwater Sample Analytical Results at IR Site 5 Group: Total Petroleum Hydrocarbons and Volatile Organic Compounds
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds												Commonly Detected Chlorinated Hydrocarbons									
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	2MW8S	2004 04 (Winter)	230 J	< 250	< 1,500	13,000	13,230	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0	< 200	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0	84.0	720	44.0 J	< 50.0	10,000	< 50.0	51,000	36.0 J
		2004 02 (Summer)	23.0 J	< 50.0	< 300	35,000	35,023	< 310	< 310	< 310	< 310	< 310	< 2,500	< 310	< 310	< 310	< 310	< 310	< 310	130 J	910	200 J	< 310	11,000	< 310	94,000	< 310
		2004 01 (Spring)	< 190	230 J	< 190	3,800	4,030	3.0 J	3.0 J	< 10.0	< 10.0	< 10.0	< 20.0	< 50.0	< 10.0	4.2 J	< 10.0	< 10.0	4.0 J	79.0	3,900	21.0	5.9 J	17,000	< 5.0	110,000	170
		2003 04 (Winter)	< 190	< 280	200	7,500	7,700	< 0.50	6.0	0.80 J	3.2	0.92 J	2.1 J	< 5.0	0.76 J	4.9	0.41 J	1.2	12.0	240	9,600 J	25.0	5.4	20,000	< 0.50 UJ	360,000	110
		2003 03 (Fall)	150 J	< 290	140 J	3,170	3,460	0.46 J	2.6	0.32 J	0.97 J	0.27 J	1.1 J	< 5.0	0.31 J	2.2	0.38 J	0.63 J	4.9	69.0 J	1,900	10.0	< 1.0	11,000	< 0.50	100,000	56.0 J
	M05-01	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50 UJ	< 1.0	< 0.50
		2003 02 (Summer)	< 200	< 300	< 200	< 50.0	< 300	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.6 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M05-02	2004 04 (Winter)	-	-	-	-	-	0.40 J	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	0.10 J	1.4	5.5	< 0.50	8.3	< 0.50	6.6	< 0.50	< 0.50	0.30 J
		2004 02 (Summer)	-	-	-	-	-	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	0.10 J	1.3	4.5	< 0.50	11.0	0.10 J	3.8	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	1.0	3.8	< 1.0	9.4	< 1.0	3.5	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	-	-	-	-	-	0.24 J	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0 UJ	1.5 J	5.6	< 1.0	19.0	< 1.0 UJ	4.5	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	-	-	-	-	-	0.26 J	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	1.4	6.5	< 1.0	22.0	1.1	5.1	< 0.50	< 1.0	< 0.50
	M05-05	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.10 J	0.50	< 0.50	0.40 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.40 J	< 0.50	0.40 J	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.34 J	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0 UJ	1.6 J	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	0.26 J	0.80 J	< 1.0 UJ	0.80 J	0.23 J	0.38 J	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 280 UJ	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.81 J	< 1.0	1.7	1.5	1.1	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.62 J	< 1.0	0.72 J	0.61 J	0.46 J	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	20.0 J	20.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.50 J	< 0.50	0.40 J	0.70	0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	109	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	6.7	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	0.60	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	0.10 J	< 0.50	< 0.50	< 0.50	< 0.50	0.10 J	0.70	< 0.50	2.0	1.9	1.4	0.10 J	< 0.50	3.0
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	0.40 J	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.60	< 0.50	1.9	2.2	1.9	< 0.50	< 0.50	5.9
	M05-06	2004 04 (Winter)	50.0 J	< 50.0	< 300	50.0 J	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0 UJ	< 300	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M05-08	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Table 5-3
Groundwater Sample Analytical Results at IR Site 5 Group: Total Petroleum Hydrocarbons and Volatile Organic Compounds
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M05-08	2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2.3**	< 1.0	< 1.0	**1.2**	< 0.50	**34.0**	< 0.50
		2003 03 (Fall)	< 190	< 280 UJ	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280 UJ	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	**19.0 J**	**19.0**	< 0.50	**0.20 J**	**0.40 J**	< 0.50	< 0.50 J	**22.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	**0.20 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M05-09	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 280 UJ	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280 UJ	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 2.0	< 0.50	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	**0.10 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M05-10	2003 02 (Summer)	< 190	< 280 UJ	< 190	**54.0**	**54.0**	**0.21 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	**1.0**	< 1.0	**0.34 J**	**0.23 J**	**1.9**	**2.3**	**2.4**	**0.20 J**	**35.0**	< 0.50	**0.67 J**	**0.85**
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**7.3**	< 0.50	< 0.50	**0.80**	< 0.50	**0.30 J**	< 0.50	**1.9**	**1.9**	**1.3**	< 0.50	**55.0**	< 0.50	**1.2**	**0.60**
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.70**	**0.40 J**	< 0.50 UJ	< 0.50 UJ	**18.0**	< 0.50	**3.0**	< 0.50
	M12-04	2004 04 (Winter)	**86.0**	< 50.0	**180 J**	< 50.0	**266**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50 J	< 0.50	< 0.50	**8.6**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.60 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
SWBZ	D05-01	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	D05-03	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	**0.60**	**0.20 J**	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.20 J**

Table 5-3

Groundwater Sample Analytical Results at IR Site 5 Group: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWBZ	D05-03	2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	**0.50**	**0.40 J**	**0.20 J**	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.10 J**
		2003 04 (Winter)	< 190	< 280	**140 J**	< 50.0	**140**	< 0.50	< 1.0	**0.84 J**	**0.94 J**	**0.46 J**	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	**1.1**	**0.69 J**	**0.70 J**	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0 UJ	< 300	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	**2.4**	**3.0**	**1.9**	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.70**
	D05-04	2004 04 (Winter)	-	-	-	-	-	**0.20 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50
	D05-05	2004 04 (Winter)	-	-	-	-	-	**0.10 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50
	D05-06	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.30 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**2.1**	< 0.50	**1.0**	< 0.50	**0.50**	< 0.50	**0.20 J**	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	D05-07	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	D05-08	2004 04 (Winter)	-	-	-	-	-	**0.50 J**	< 2.0	< 2.0	< 2.0	< 2.0	< 8.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**0.80 J**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	D12-01	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50 J	< 0.50	< 0.50	**12.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Table 5-4

Groundwater Sample Analytical Results at IR Site 5 Group: Semivolatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

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Table 5-4
Groundwater Sample Analytical Results at IR Site 5 Group: Semivolatile Organic Compounds (SVOCs)
Summer 2004 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Detected SVOCs		
			bis(2-Chloroethyl)ether	1,2-Dichlorobenzene	Phenol
		Units:	UG/L	UG/L	UG/L
		MCL:	**NA**	**600**	**NA**
		BV:	**NA**	**NA**	**NA**
Well Number	**Event**	***AWQC:***	**NA**	**NA**	**NA**
FWBZ	2MW8S	2004 04 (Winter)	**0.52 J**	**1.3 J**	**2.1 J**
		2004 02 (Summer)	< 9.5 J	**1.2 J**	< 9.5

Table 5-5

Groundwater Sample Analytical Results at IR Site 5 Group: Polycyclic Aromatic Hydrocarbons

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

Innovative
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Solutions, Inc.

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Groundwater Sample Analytical Results at IR Site 5 Group: Polycyclic Aromatic Hydrocarbons
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			PAHs															
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	2MW8S	2004 04 (Winter)	< 1.0	< 1.0	< 1.0	< 1.0	< 0.20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.21 J**	< 1.0
		2004 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	**0.25**	**0.090 J**

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Table 5-6

Groundwater Sample Analytical Results at IR Site 5 Group: Dissolved Metals

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

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Table 5-6
Groundwater Sample Analytical Results at IR Site 5 Group: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																				Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Hexavalent Chromium	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	50.0	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	NA	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2MW8S	2004 04 (Winter)		0.23 J	16.0	13.0	< 2.0	1.7 J	1.9 J	0.51 J	< 10.0	< 10.0	< 3.0	230	< 0.20	4.0 J	6.6 J	< 5.0	< 5.0	< 5.0	< 10.0	< 20.0	< 100	850	9.4	5.7	8.9	87.0
	2004 02 (Summer)		0.10 J	17.0	11.0	< 2.0	< 5.0	< 10.0	0.41 J	< 10.0	< 10.0	0.25 J	230	< 0.20	< 20.0	11.0 J	< 1.0	< 5.0	< 1.0	< 10.0	23.0	10.0 J	660	8.5	5.6	9.0	93.0
	2004 01 (Spring)		< 5.0	24.2 J	42.3 J	< 4.0	5.4	< 10.0	< 10.0	< 10.0	< 20.0	< 10.0	563	0.31 J	< 50.0	25.6	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	2,010	23.7	16.9	21.9 J	377
	2003 04 (Winter)		< 5.0	21.1 J	8.5 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 20.0 UJ	< 10.0	289	< 0.40	< 50.0	19.3 J	< 20.0	< 10.0	< 5.0	< 50.0	14.2 J	< 200	335	16.5	9.7	10.7	120
	2003 03 (Fall)		< 5.0	< 50.0	5.2 J	< 4.0	3.2 J	< 10.0	< 10.0	1.6 J	< 20.0	< 10.0	23.8	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	41.1 J	221	10.4	6.2	8.6 J	75.9
M05-01	2004 04 (Winter)		0.50 J	< 5.0	250	< 2.0	< 5.0	< 10.0	0.55 J	< 10.0	< 10.0	< 3.0	230	0.078 J	1.4 J	1.5 J	< 5.0	< 5.0	< 5.0	2.2 J	< 20.0	< 100	380	140	270	76.0	2,000
	2004 02 (Summer)		< 1.0	< 1.0	170	< 2.0	< 5.0	< 10.0	0.50 J	< 10.0	< 10.0	0.053 J	330	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 1.0	< 10.0	33.0	< 50.0	760	110	270	92.0	2,100
	2004 01 (Spring)		< 5.0	4.6 J	26.5 J	< 4.0	< 5.0	< 10.0	5.3 J	< 10.0	< 20.0	< 10.0	3.6 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	8.6 J	17.5 J	220	301	5.9	13.5	20.7 J	297
	2003 04 (Winter)		< 5.0	< 50.0	141	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 20.0	< 10.0	101 J	< 0.40	21.3 J	14.1 J	< 20.0	< 10.0	< 50.0 UJ	< 50.0	< 20.0	< 200	115	189	497	188	4,150
	2003 03 (Fall)		< 5.0	6.4 J	181	< 4.0	< 5.0	< 10.0	< 10.0	1.3 J	< 20.0	< 10.0	152	< 0.40	< 50.0	4.2 J	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	181	203	468	133 J	3,460
	2003 02 (Summer)		< 50.0	< 50.0	249	< 4.0	< 5.0	< 10.0	< 10.0	1.7 J	< 20.0 UJ	< 10.0	358	< 0.40	5.1 J	2.3 J	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	681	181	509	124	3,650 J
	2003 01 (Spring)		0.29 J	3.1 J	46.0	< 2.0	< 5.0	< 10.0	< 10.0	1.2 J	< 10.0 UJ	< 3.0	47.0	< 0.20	7.9 J	1.5 J	5.5	< 5.0	< 1.0	2.6 J	< 20.0	6.2 J	100	24.0	68.0	49.0	930
	2002 04 (Winter)		0.77 J	7.1	120	< 2.0	0.59 J	3.0 J	0.53 J	2.1 J	< 10.0	0.34 J	250	< 0.20	25.0	6.3 J	11.0 J	< 5.0	< 2.0	4.4 J	1.6 J	190	750 J	80.0	230	98.0	2,500
	2002 03 (Fall)		< 50.0	3.0 J	220	< 2.0	< 5.0	0.84 J	0.52 J	1.5 J	< 10.0	< 3.0	460	< 0.20	2.4 J	3.1 J	4.1 J	< 5.0	< 2.0	1.2 J	< 20.0	< 100	1,500	170	440	150	3,400
	2002 02 (Summer)		0.070 J	7.1	150	< 2.0	< 5.0	< 10.0	0.54 J	1.3 J	< 10.0	0.048 J	580	0.059 J	3.2 J	2.1 J	16.0	< 5.0	0.034 J	3.7 J	< 20.0	< 100	1,300	110	360	110	3,300
M05-05	2004 04 (Winter)		< 1.0	4.2 J	94.0	< 2.0	< 5.0	1.1 J	< 1.0	0.55 J	< 10.0	< 3.0	32.0	< 0.20	3.2 J	0.86 J	< 5.0	< 5.0	< 5.0	2.5 J	0.68 J	9.3 J	< 100	48.0 J	16.0	12.0	120
	2004 02 (Summer)		0.35 J	5.5	92.0	< 2.0	< 5.0	< 10.0	0.11 J	< 10.0	< 10.0	0.11 J	39.0	< 0.20	< 20.0	< 20.0	< 1.0	< 5.0	< 1.0	< 10.0	< 20.0	8.2 J	< 100	62.0	22.0	16.0	120
	2004 01 (Spring)		< 5.0	< 50.0	69.2 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 20.0	< 10.0	< 10.0	< 0.40	13.6 J	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	< 100	55.8	16.7	10.9 J	58.7
	2003 04 (Winter)		< 5.0	5.1 J	104	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 20.0 UJ	< 10.0	102	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	5.5 J	7.7 J	< 200	< 100	73.9	23.9	15.4	137
	2003 03 (Fall)		< 5.0	< 50.0	16.9 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 20.0 UJ	< 10.0	34.4	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	3.7 J	< 200	< 100	10.8	3.7	14.8 J	214
	2003 02 (Summer)		< 50.0	< 50.0	162	< 4.0	< 5.0	< 10.0	< 10.0	1.0 J	< 20.0	< 10.0	384	< 0.40	5.4 J	4.5 J	< 20.0	< 10.0	< 5.0	1.9 J	< 20.0	< 200	< 100	87.4	36.6	24.8	229 J
	2003 01 (Spring)		< 1.0	5.8	150	< 2.0	< 5.0	2.9 J	< 10.0	0.49 J	< 10.0 UJ	< 3.0	260	< 0.20	4.1 J	3.5 J	< 5.0	< 5.0	< 1.0	3.0 J	1.8 J	6.1 J	190	71.0	27.0	15.0	210
	2002 04 (Winter)		0.67 J	4.4 J	280	< 2.0	< 5.0	< 10.0	0.32 J	0.96 J	< 10.0	< 3.0	190	< 0.20	< 20.0	3.3 J	1.9 J	< 5.0	< 2.0	3.0 J	22.0 J	< 100	870	170	68.0	19.0	160
	2002 03 (Fall)		< 50.0	16.0	270	< 2.0	< 5.0	1.3 J	0.82 J	< 10.0	< 10.0	< 3.0	820	< 0.20	5.1 J	10.0 J	4.2 J	< 5.0	< 2.0	1.7 J	< 20.0	< 100	1,500	110	60.0	30.0	730
	2002 02 (Summer)		0.15 J	13.0	330	< 2.0	< 5.0	< 10.0	0.87 J	0.60 J	< 10.0	0.11 J	1,500	< 0.20	5.1 J	13.0 J	5.0 J	< 5.0	< 2.0	1.7 J	< 20.0	< 100	560	130	66.0	32.0	1,100
M05-06	2004 04 (Winter)		0.15 J	11.0	62.0	< 2.0	< 5.0	< 10.0	0.36 J	< 10.0	< 10.0	< 3.0	390	< 0.20	7.8 J	< 20.0	< 5.0	< 5.0	< 5.0	8.3 J	< 20.0	< 100	< 100	25.0	64.0	33.0	950
	2004 02 (Summer)		< 1.0	13.0	62.0	< 2.0	< 5.0	< 10.0	0.28 J	< 10.0	< 10.0	0.068 J	350	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 1.0	11.0	7.8 J	< 50.0	120	22.0	55.0	30.0	810
	2003 04 (Winter)		< 5.0	12.8 J	85.4 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 20.0	< 10.0	433 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0 UJ	6.3 J	< 20.0	< 200	89.0 J	27.7	66.7	37.8	1,090
	2003 02 (Summer)		< 50.0	10.9 J	74.2 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 20.0	< 10.0	443	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	7.4 J	8.7 J	< 200	61.0 J	27.9	64.8	30.1 J	891
	2003 01 (Spring)		< 1.0	7.2	90.0	< 2.0	< 5.0	< 10.0	< 10.0	0.80 J	< 10.0	< 3.0	450	< 0.20 UJ	7.1 J	1.3 J	3.8 J	< 5.0	< 1.0	4.3 J	1.7 J	< 100	< 100	29.0	71.0	35.0	940
	2002 03 (Fall)		< 50.0	7.9	83.0	< 2.0	< 5.0	0.74 J	0.32 J	< 10.0	< 10.0	< 3.0	440	< 0.20	7.3 J	1.2 J	4.6 J	< 5.0	< 2.0	6.3 J	< 20.0	< 100	< 150	26.0	62.0	34.0	1,000
M05-08	2004 04 (Winter)		< 1.0	32.0	75.0	< 2.0	< 5.0	0.59 J	0.088 J	0.84 J	< 10.0	0.29 J	200	< 0.20	2.8 J	3.5 J	4.4 J	< 5.0	< 5.0	1.0 J	8.2 J	4.9 J	540	17.0 J	15.0	13.0	220
	2004 02 (Summer)		0.080 J	43.0	86.0	0.44 J	< 5.0	< 10.0	0.11 J	< 10.0	< 10.0	0.40 J	350	< 0.20	< 20.0	1.4 J	< 5.0	< 5.0	< 1.0	< 10.0	22.0	< 50.0	850	22.0	21.0	15.0	290
	2004 01 (Spring)		< 5.0	36.1 J	112	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 20.0	< 10.0	434	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	9.7 J	< 200	985	36.9	25.8	16.8 J	298
	2003 04 (Winter)		< 5.0	39.6 J	141	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 20.0 UJ	< 10.0	519	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	5.0 J	< 200	1,190	42.5	27.1	18.9	301
	2003 03 (Fall)		< 5.0	8.0 J	14.0 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 20.0 UJ	< 10.0	57.8	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	5.2 J	< 200	120	4.1	2.8	15.0 J	281
	2003 02 (Summer)		< 50.0	33.3 J	163	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 20.0 UJ	< 10.0	687	< 0.40	< 50.0	4.2 J	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	51.1 J	1,540	50.5	32.5	25.7	263 J
	2003 01 (Spring)		< 1.0	32.0	130	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	< 3.0	500	< 0.20	< 20.0	4.7 J	< 5.0	< 5.0	< 1.0	< 10.0	2.4 J	< 100	1,100	37.0	26.0	16.0	240

FWBZ

Table 5-6
Groundwater Sample Analytical Results at IR Site 5 Group: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																			Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Hexavalent Chromium	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	50.0	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	NA	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M05-08	2002 04 (Winter)	< 50.0	30.0	120	< 2.0	< 5.0	< 10.0	0.13 J	0.63 J	< 10.0	0.033 J	310 J	< 0.20	2.0 J	3.8 J	< 5.0 J	< 5.0	< 2.0	< 10.0	3.0 J	< 100	970	26.0	21.0 J	16.0	210
		2002 03 (Fall)	< 50.0	33.0	130	< 2.0	< 5.0	0.59 J	< 10.0	< 10.0	< 10.0	< 3.0	530	< 0.20	2.1 J	4.2 J	< 5.0 UJ	< 5.0	< 2.6	0.80 J	< 20.0	< 100	1,300	40.0	26.0	15.0	250
		2002 02 (Summer)	< 50.0	29.0	130	< 2.0	< 5.0	< 10.0	0.11 J	< 10.0	< 10.0 UJ	1.2 J	530	< 0.20	< 20.0	< 20.0	1.5 J	< 5.0 UJ	< 2.0	< 10.0	< 20.0	84.0 J	1,300	36.0	27.0	17.0	250
	M05-09	2004 04 (Winter)	< 1.0	2.3 J	90.0	< 2.0	< 5.0	0.69 J	0.076 J	1.2 J	< 10.0	0.085 J	27.0	< 0.20	< 20.0	0.86 J	2.5 J	< 5.0	2.6 J	2.7 J	1.5 J	3.1 J	< 100	36.0 J	16.0	7.9	37.0
		2004 02 (Summer)	0.14 J	24.0	340	< 2.0	< 5.0	< 10.0	0.92 J	< 10.0	< 10.0	0.061 J	1,100	< 0.20	< 20.0	10.0 J	< 1.0	< 5.0	< 1.0	< 10.0	< 20.0	< 50.0	410	71.0	93.0	55.0	1,100
		2004 01 (Spring)	< 5.0	< 50.0	107	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 20.0	< 10.0	4.5 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	< 100	38.3	16.4	6.6 J	46.6
		2003 04 (Winter)	< 5.0	7.6 J	117	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 20.0 UJ	< 10.0	270	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	6.4 J	< 200	< 100	40.0	19.8	8.9	62.4
		2003 03 (Fall)	< 5.0	< 50.0	12.2 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 20.0 UJ	< 10.0	66.2	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	2.8 J	< 200	< 100	35.4	54.6	22.4 J	680
		2003 02 (Summer)	< 50.0	19.6 J	270	< 4.0	< 5.0	< 10.0	< 10.0	1.2 J	< 20.0 UJ	< 10.0	309	< 0.40	< 50.0	2.8 J	< 20.0	< 10.0	< 5.0	7.0 J	< 20.0	< 200	< 100	52.4	24.3	20.3	420 J
		2003 01 (Spring)	< 1.0	2.0 J	92.0	< 2.0	< 5.0	< 10.0	< 10.0	0.50 J	< 10.0 UJ	< 3.0	22.0	< 0.20	0.40 J	< 20.0	< 5.0	< 5.0	< 1.0	2.2 J	< 20.0	2.9 J	100	35.0	15.0	7.2	40.0
		2002 04 (Winter)	< 50.0	2.3 J	100	< 2.0	< 5.0	< 10.0	0.098 J	0.49 J	< 10.0	< 3.0	20.0	< 0.20	< 20.0	1.1 J	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0 UJ	< 100	< 200	35.0	15.0	6.8	46.0
		2002 03 (Fall)	< 50.0	2.4 J	91.0	< 2.0	< 5.0	1.1 J	< 10.0	0.78 J	< 10.0	< 3.0	13.0	< 0.20	0.60 J	1.0 J	< 5.0 UJ	< 5.0	< 2.0	3.6 J	< 20.0	< 100	< 100	32.0	13.0	7.7	53.0
		2002 02 (Summer)	0.24 J	< 5.0	80.0	< 2.0	< 5.0	< 10.0	0.047 J	0.44 J	< 10.0	0.039 J	9.8 J	< 0.20	0.80 J	1.0 J	< 5.0	< 5.0	0.13 J	3.7 J	0.91 J	< 100	< 100	30.0	12.0	7.2	57.0
	M05-10	2003 02 (Summer)	< 50.0	15.6 J	28.0 J	< 4.0	< 5.0	36.1	< 10.0	< 10.0	35.0	< 10.0	58.4	< 0.40	6.7 J	5.4 J	< 20.0	< 10.0	< 5.0	2.3 J	< 20.0	66.3 J	199	10.0	2.7	12.4	78.9 J
		2002 04 (Winter)	< 50.0	16.0	18.0	< 2.0	< 5.0	28.0	0.60 J	1.1 J	< 10.0	< 3.0	31.0	< 0.20	< 20.0	3.9 J	< 5.0	< 5.0	< 2.0	4.1 J	6.0 J	< 100	260	5.8	1.4	9.2	67.0
		2002 02 (Summer)	0.16 J	13.0 J	9.9 J	< 2.0	< 5.0	8.1 J	0.41 J	< 10.0	< 10.0	0.039 J	18.0	< 0.20	< 20.0	< 20.0	0.38 J	< 5.0	< 2.0	< 10.0	< 20.0	35.0 J	350	3.4	0.83	8.6	42.0
	M12-04	2004 04 (Winter)	< 1.0	1.1 J	93.0	< 2.0	< 5.0	0.45 J	0.18 J	0.78 J	< 10.0	< 3.0	160	< 0.20	1.8 J	1.5 J	< 5.0	< 5.0	< 5.0	1.3 J	1.7 J	< 100	< 100	37.0 J	19.0	11.0	170
		2004 02 (Summer)	< 1.0	< 1.0	55.0	< 2.0	< 5.0	< 10.0	0.17 J	< 10.0	20.0	0.067 J	110	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 1.0	< 10.0	28.0	< 50.0	65.0 J	25.0	15.0	9.6	120
		2003 04 (Winter)	< 5.0	5.5 J	62.6 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 20.0 UJ	< 10.0	94.8	< 0.40	< 50.0	< 20.0	5.0 J	< 10.0	< 5.0	< 50.0	< 20.0	< 200	< 100	29.5	14.2	9.8	121
		2003 02 (Summer)	< 50.0	< 50.0	87.4 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 20.0	< 10.0	163	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	< 100	37.0	19.0	11.9	116 J
		2002 04 (Winter)	< 50.0	< 5.0	120	< 2.0	0.061 J	< 10.0	0.39 J	1.0 J	< 10.0	0.092 J	190 J	< 0.20	1.2 J	< 20.0 UJ	< 5.0 UJ	< 5.0	< 2.0	< 10.0	7.2 J	46.0 J	< 310	56.0	27.0 J	10.0	73.0
		2002 02 (Summer)	0.089 J	1.9 J	50.0	< 2.0	< 5.0	< 10.0	0.15 J	0.83 J	< 10.0	0.028 J	88.0	< 0.20	1.8 J	1.0 J	0.42 J	< 5.0	< 2.0	2.4 J	4.2 J	3.2 J	64.0 J	21.0	10.0	9.0	95.0
SWBZ	D05-01	2004 04 (Winter)	0.17 J	13.0	49.0	< 2.0	0.82 J	2.9 J	11.0	< 10.0	< 10.0	< 3.0	6,100	0.083 J	4.1 J	10.0 J	< 5.0	< 5.0	< 5.0	2.4 J	6.7 J	< 100	570	720	1,500	90.0	7,200
		2004 02 (Summer)	0.38 J	< 1.0	55.0	< 2.0	< 5.0	0.79 J	10.0	< 10.0	< 10.0	0.21 J	7,100	< 0.20	< 20.0	13.0 J	< 1.0	< 5.0	< 1.0	1.3 J	17.0 J	10.0 J	1,000	920	1,800	110	8,200
		2004 01 (Spring)	< 5.0	6.3 J	44.3 J	< 4.0	< 5.0	< 10.0	5.7 J	< 10.0	< 20.0	< 10.0	5,540	< 1.0	35.6 J	12.8 J	< 20.0	< 10.0	< 10.0	< 50.0	< 20.0	< 200	695	920	1,620	116 J	8,370
		2003 04 (Winter)	< 5.0	< 50.0	48.7 J	< 4.0	< 5.0	< 10.0	7.2 J	< 10.0	< 20.0	< 10.0	4,940	< 0.40	< 50.0	13.9 J	7.3 J	< 10.0	< 25.0	5.1 J	< 20.0	< 200	416	664	1,550	130	7,550
		2003 03 (Fall)	10.8	< 50.0 UJ	57.3 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 20.0	< 10.0	6,860	< 0.40	< 50.0	1.4 J	< 20.0	< 10.0	< 100	< 50.0	< 20.0	< 200	5,400	955	1,840	106 J	6,890
		2003 02 (Summer)	22.9 J	< 50.0	53.8 J	< 4.0	< 5.0	< 10.0	9.6 J	1.7 J	< 20.0 UJ	< 10.0	6,480	< 0.40	< 50.0	10.1 J	< 20.0	< 10.0	< 100	< 50.0	< 20.0	< 200	739	916	1,800	101	7,410 J
		2003 01 (Spring)	< 1.0	4.5 J	57.0	< 2.0	< 5.0	< 10.0	8.7 J	4.1 J	< 10.0	< 3.0	6,400	< 0.20	1.6 J	12.0 J	< 5.0	< 5.0	< 1.0	< 10.0	< 20.0	8.1 J	2,200	780	1,400	87.0	8,000
		2002 04 (Winter)	< 50.0	< 5.0	61.0	< 2.0	< 5.0	2.5 J	12.0	9.2 J	< 10.0	0.047 J	6,900 J	< 0.20	1.5 J	26.0	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	< 100	5,400	1,000	1,900 J	110	9,300
		2002 03 (Fall)	< 50.0	< 5.0	57.0	< 2.0	< 5.0	0.58 J	11.0	5.4 J	< 10.0	< 3.0	5,400	< 0.20	1.6 J	16.0 J	< 5.0 UJ	< 5.0	< 2.0	0.93 J	< 20.0	< 100	3,200	840	1,600	89.0	7,600
		2002 02 (Summer)	< 50.0	8.0	51.0	< 2.0	< 5.0	9.3 J	11.0	< 10.0	< 10.0	< 3.0	5,300	< 0.20	< 20.0	< 20.0	25.0 J	< 5.0 UJ	< 2.0	< 10.0	< 20.0	< 100	370	830	1,600	89.0	7,600
	D05-03	2004 04 (Winter)	0.15 J	< 5.0	200	< 2.0	< 5.0	< 10.0	15.0	< 10.0	< 10.0	< 3.0	6,700	0.060 J	< 20.0	15.0 J	< 5.0	< 5.0	6.3	< 10.0	11.0 J	< 100	570	1,100	1,700	140	9,200
		2004 02 (Summer)	0.63 J	< 1.0	160	0.29 J	2.3 J	< 200	13.0	< 10.0	< 10.0	0.30 J	8,200	< 0.20	6.7 J	27.0	< 5.0	17.0	< 1.0	< 200	< 400	< 50.0	780	1,100	1,900	140	9,600
		2003 04 (Winter)	< 25.0	< 50.0	182	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 20.0 UJ	< 10.0	6,590	< 0.40	70.7	13.9 J	< 20.0	< 10.0	< 25.0	9.9 J	< 20.0	< 200	1,060	930	1,790	172	9,650
		2003 02 (Summer)	< 50.0	< 50.0	849	< 4.0	< 5.0	< 10.0	< 10.0	2.4 J	< 20.0 UJ	< 10.0	488	< 0.40	5.1 J	3.2 J	< 20.0	< 10.0	< 5.0	4.9 J	26.0	30.4 J	420	39.7	1.8	0.79	18.2 J
		2003 01 (Spring)	0.69 J	0.67 J	110	< 2.0	< 5.0	0.98 J	< 10.0	15.0	< 10.0	< 3.0	71.0	< 0.20	0.43 J	3.9 J	< 5.0	< 5.0	< 1.0	3.6 J	81.0 J	15.0 J	54.0 J	7.2	0.71	0.47 J	3.6
		2002 03 (Fall)	< 50.0	< 5.0	180	< 2.0	< 5.0	0.88 J	2.0 J	4.9 J	< 10.0	< 3.0	3,400	< 0.20	0.44 J	10.0 J	< 5.0 UJ	< 5.0	< 2.0	< 10.0	< 20.0	< 100	5,000	1,200	1,700	140	9,300

Table 5-6
Groundwater Sample Analytical Results at IR Site 5 Group: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																				Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Hexavalent Chromium	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	50.0	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	NA	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWBZ	D12-01	2004 04 (Winter)	< 1.0	< 1,000	130	< 400	< 1,000	< 2,000	16.0	< 2,000	< 10.0	< 600	16,000	< 0.20	< 4,000	< 4,000	< 1,000	< 1,000	< 1,000	< 2,000	< 4,000	< 20,000	< 20,000	1,100 J	1,800	170	9,900
		2004 02 (Summer)	0.69 J	< 1.0	110	< 40.0	< 100	< 200	15.0	< 10.0	< 10.0	0.44 J	17,000	< 0.20	< 20.0	< 400	3.4 J	< 100	< 1.0	< 200	< 400	< 50.0	470	1,100	1,900	180	12,000
		2003 04 (Winter)	< 25.0	< 50.0	119	< 4.0	< 5.0	< 10.0	7.2 J	< 10.0	< 20.0	< 10.0	12,000 J	0.23 J	< 50.0	20.2	< 20.0	< 10.0	< 50.0 UJ	< 50.0	< 20.0	< 200	285	1,190	1,830	220	12,300
		2003 02 (Summer)	< 50.0	7.4 J	143	< 4.0	< 5.0	< 10.0	18.7	1.2 J	< 20.0	< 10.0	15,200	< 0.40	< 50.0	25.5	< 20.0	< 10.0	< 100	< 50.0	< 20.0	< 200	378	1,100	1,980	181	11,200 J
		2002 04 (Winter)	0.48 J	< 5.0	< 260	< 2.0	0.28 J	< 10.0	17.0	14.0	< 10.0	0.090 J	17,000 J	< 0.20	0.87 J	33.0	< 5.0 UJ	< 5.0	0.59 J	< 10.0	< 20.0	59.0 J	4,700	1,200	1,800 J	170	< 0.50
		2002 02 (Summer)	0.26 J	< 5.0	120	< 2.0	< 5.0	< 10.0	18.0	< 10.0	< 10.0	0.036 J	12,000	< 0.20	< 20.0	16.0 J	-	< 5.0 UJ	< 2.0	< 10.0	12.0 J	3.9 J	67.0 J	870	1,700	150	11,000

Table 5-7

Groundwater Sample Analytical Results at IR Site 5 Group: Organochlorine Pesticides

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

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Table 5-7
Groundwater Sample Analytical Results at IR Site 5 Group: Organochlorine Pesticides
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Organochlorine Pesticides																				
			Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan Sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	0.20	0.10	0.10	NA	NA	NA	NA	NA	NA	NA	2.0	2.0	2.0	0.010	0.010	30.0	3.0
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ 2MW8S	2004 04 (Winter)		< 0.050	< 0.050	**0.30**	< 0.050	< 0.050	< 0.050	**0.0070 J**	< 0.10	< 0.10	**0.010 J**	**0.020 J**	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	**0.0090 J**	< 0.50	< 1.0
	2004 02 (Summer)		**0.090 J**	< 0.050	**0.20 J**	< 0.050	< 0.050	< 0.050	**0.010 J**	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.050	< 0.50	< 0.90

Table 5-8
Groundwater Sampling Field Parameters at Installation Restoration Site 5 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	2MW8S	11/29/04	7.24	0.12	61
		06/28/04	6.84	0.22	-298
		03/08/04	6.78	0.43	-101
		12/10/03	7.00	0.11	220
		10/07/03	7.89	0.34	244
First	M05-01	11/29/04	6.88	0.75	109
		06/28/04	6.97	1.88	-88
		03/08/04	7.55	2.14	57
		12/09/03	6.91	2.39	43
		09/17/03	6.91	1.03	-1.1
		06/27/03	6.98	1.29	122
		04/14/03	7.46	2.42	148
		12/20/02	7.11	7.50	55
		09/12/02	7.02	4.20	-83
		06/25/02	7.37	***110.00***	-70
First	M05-02	11/29/04	7.32	0.61	72
		06/25/04	7.15	0.94	-77
		03/08/04	7.49	0.88	101
		12/22/03	7.53	0.64	-20
		09/23/03	7.59	0.66	-151
First	M05-05	11/30/04	7.46	0.22	181
		06/28/04	7.44	2.20	-16
		03/09/04	7.33	4.08	13.8
		12/10/03	7.45	1.18	195
		09/18/03	7.39	1.16	95
		06/27/03	7.93	1.75	-6.0
		04/14/03	7.30	***16.70***	218
		12/24/02	7.45	4.38	64
		09/12/02	7.13	7.50	-29
		06/25/02	7.24	1.80	-64
First	M05-06	11/29/04	7.35	0.67	107
		06/28/04	7.32	0.99	-109
		12/09/03	7.38	0.31	46
		06/26/03	7.93	0.90	-360
		04/24/03	8.12	0.43	166
		09/12/02	7.61	3.50	-27.9
First	M05-08	11/30/04	6.78	0.43	98
		06/30/04	7.04	0.39	-128
		03/09/04	7.16	0.36	34
		12/10/03	7.14	0.36	-43
		09/18/03	7.16	0.25	-83
		06/27/03	7.17	0.25	96
		04/16/03	7.16	0.26	-2.0
		12/23/02	7.23	0.53	129
		09/12/02	7.13	4.70	-129
		07/10/02	6.89	7.40	-320
First	M05-09	11/30/04	7.04	2.85	196

Table 5-8
Groundwater Sampling Field Parameters at Installation Restoration Site 5 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	M05-09	06/28/04	7.09	0.35	-59
		03/08/04	7.30	4.70	-41
		12/10/03	7.27	2.36	142
		09/18/03	7.33	0.32	26
		06/27/03	7.37	1.29	191
		04/14/03	7.20	***29.10***	142
		12/24/02	6.87	5.72	135
		09/12/02	7.44	***24.90***	5.0
		06/25/02	7.45	3.90	91
First	M05-10		Not measured (abandoned)		
		03/27/03	7.79	0.35	163
		12/24/02	7.83	0.40	-84
		07/11/02	7.40	***19.90***	-66
First	M12-04	11/30/04	7.11	1.14	155
		06/28/04	7.03	0.51	-95
		12/10/03	7.24	0.71	335
		06/27/03	7.36	0.77	35
		12/17/02	7.47	1.22	27
		06/25/02	7.19	0.27	33
Second	D05-01	11/29/04	6.59	0.14	101
		06/28/04	6.70	0.98	-86
		03/09/04	6.78	0.22	-267
		12/10/03	6.56	0.24	117
		09/17/03	6.76	0.44	65
		06/27/03	6.84	0.17	0.0
		04/14/03	6.86	0.37	190
		12/23/02	NM	NM	NM
		09/12/02	6.58	3.20	-41
		07/12/02	6.70	0.28	14.6
Second	D05-03	11/29/04	6.56	0.23	115
		06/28/04	6.50	0.18	-117
		12/10/03	6.51	0.28	3.7
		06/27/03	8.22	0.16	59
		04/23/03	7.06	7.33	220
		09/12/02	6.79	***21.50***	-70.2
Second	D05-04	11/29/04	6.77	0.39	47
		06/28/04	6.78	0.38	-129
Second	D05-05	11/30/04	6.64	0.32	-234
		06/28/04	6.64	0.33	-98
Second	D05-06	11/30/04	6.72	0.33	-165
		06/29/04	6.78	0.31	-26
Second	D05-07	11/30/04	6.66	0.39	-55
		06/29/04	6.80	0.44	-1.0
Second	D05-08	11/30/04	6.74	0.28	-211
		06/29/04	6.80	0.30	11
Second	D12-01	11/30/04	6.57	0.17	1.4
		06/28/04	6.35	0.23	-124

Table 5-8
Groundwater Sampling Field Parameters at Installation Restoration Site 5 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
Second	D12-01	12/09/03	6.61	0.24	126
		06/27/03	6.62	1.60	-227
		12/23/02	6.79	NM	-97
		07/12/02	6.52	0.31	293

Notes:

Field parameters are measured during well purging, just prior to collection of the groundwater sample.

mg/L = milligrams per liter

ORP = oxidation-reduction potential

mV = millivolts

NM = not measured

Italicized results are outside expected range for parameter. Natural groundwater has the following expected ranges:

pH: between 6 and 8.5 standard units

DO: below approximately 9 mg/L

ORP: between approximately 600 and -400 mV

Table 5-9

Groundwater Sample Analytical Results at IR Site 5 Group: Natural Attenuation Parameters

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

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Groundwater Sample Analytical Results at IR Site 5 Group: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	2MW8S	2004 04 (Winter)	0.16	0.073	6.7	< 0.050	< 0.050	60.0	11.0	140	140	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	0.10	0.10	7.0	0.010 J	< 0.050	62.0	14.0	180	180	< 1.0	< 1.0	< 0.040
		2004 01 (Spring)	0.16	0.46	2.8	-	-	-	-	-	-	-	-	-
		2003 04 (Winter)	0.14	0.23	3.5	< 0.10	< 0.10	113	15.2	155	155	< 5.0	-	< 1.0
		2003 03 (Fall)	0.033	0.079	1.3	< 0.10	< 0.10	62.1	19.8	114	-	-	-	< 1.0
	M05-01	2004 04 (Winter)	< 0.0050	< 0.0050	2.4	< 0.25	< 0.50	4,000	430	450	450	< 1.0	< 1.0	0.12
		2004 02 (Summer)	< 0.010	< 0.010	1.7	< 0.25	< 0.50	3,400	380	490	490	< 1.0	< 1.0	0.060
		2003 04 (Winter)	< 0.0030	< 0.0030	0.28	< 1.0	-	7,830	1,050	303	303	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.64	< 1.0	< 10.0 UJ	7,250	782	349	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	0.35	< 0.25	< 0.50	3,300	420	290	290	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	2.2 J	< 0.25	< 0.25	5,200	480	540	540	< 1.0	< 1.0	0.29
	M05-05	2004 04 (Winter)	< 0.0050	< 0.0050	0.48	0.29	< 0.050	180	28.0	220	220	< 1.0	< 1.0	0.11
		2004 02 (Summer)	< 0.010	< 0.010	< 0.010	1.0	< 0.050	120	35.0	170	170	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.012	1.0	< 0.10	241	57.1	225	225	< 5.0	-	< 1.0
		2003 02 (Summer)	0.0016 J	< 0.0030	0.048	0.99	< 1.0	443	58.5	229	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	0.023	1.2 J	< 0.050	590	82.0	170	170	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	1.2 J	0.67	< 0.10	1,100	100	320	320	< 1.0	< 1.0	< 0.040
	M05-08	2004 04 (Winter)	< 0.0050	< 0.0050	2.3	0.25	< 0.050	200	20.0	240	240	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	2.2	0.040 J	< 0.050	300	16.0	280	280	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	1.8	0.31	< 0.10	316	32.5	245	245	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.81	< 0.10	< 1.0	475	16.8	311	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	1.0	0.17	< 0.050	300	34.0	250	250	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	0.57	0.15	< 0.050	370	31.0	240	240	< 1.0	< 1.0	-

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Groundwater Sample Analytical Results at IR Site 5 Group: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M05-09	2004 04 (Winter)	< 0.0050	< 0.0050	0.0060	0.11	< 0.050	33.0	20.0	180	180	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	9.8	< 0.10	< 0.25	1,500	0.36 J	710	710	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.015	0.15	< 0.10	54.7	28.8	220	220	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	2.0	0.27	< 1.0	595	12.2	370	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	< 0.010	0.040 J	< 0.050	38.0	22.0	240	240	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	0.080	< 0.050	19.0	20.0	200	200	< 1.0	< 1.0	< 0.040
	M05-10	2003 02 (Summer)	0.0035	< 0.0030	0.78	0.15 J	< 0.10	43.7 J	17.0	158	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	0.63	0.11 J	< 0.050	29.0	19.0	130	130	< 1.0	< 1.0	0.070
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	0.090	< 0.050 J	13.0	20.0	59.0	59.0	< 1.0	< 1.0	< 0.040
	M12-04	2004 04 (Winter)	< 0.0050	< 0.0050	0.041	0.63	< 0.050	220	50.0	180	180	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	0.022	0.57	< 0.050	120	40.0	190	190	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.020	0.78	< 0.10	120	43.7	197	197	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.041	0.49	< 0.10	86.9	38.5	158	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	0.066	0.77	< 0.050	170	46.0	130	130	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	0.028 J	0.64	< 0.050	79.0	35.0	160	160	< 1.0	< 1.0	< 0.040
SWBZ	D05-01	2004 04 (Winter)	< 0.0050	< 0.0050	0.0070	< 1.3	< 2.5	17,000	2,500	860	860	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	< 0.010	< 1.3	< 2.5	16,000	2,400	1,000	1,000	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.0089	< 1.0	< 1.0	3,000	391	1,080	1,080	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.0033	< 1.0	< 50.0 UJ	18,600	2,510	867	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	< 0.010	< 1.3	< 1.3	16,000	2,700	850	850	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	< 0.50	< 0.50	16,000	2,300	910	910	< 1.0	< 1.0	< 0.040
	D05-04	2004 04 (Winter)	-	-	-	< 1.3	< 2.5	20,000	2,900	680	680	< 1.0	< 1.0	0.060
		2004 02 (Summer)	-	-	-	< 1.3	< 2.5	19,000	3,000	660	660	< 1.0	< 1.0	0.23

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Groundwater Sample Analytical Results at IR Site 5 Group: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWBZ	D05-05	2004 04 (Winter)	-	-	-	< 1.3	< 2.5	19,000	3,200	640	640	< 1.0	< 1.0	5.3
		2004 02 (Summer)	-	-	-	< 1.3	< 2.5	19,000	3,200	600	600	< 1.0	< 1.0	0.37
	D05-06	2004 04 (Winter)	-	-	-	< 1.3	< 2.5	20,000	3,500	610	610	< 1.0	< 1.0	0.090
		2004 02 (Summer)	-	-	-	< 1.3	< 2.5	20,000	3,400	560	560	< 1.0	< 1.0	< 0.040
	D05-07	2004 04 (Winter)	-	-	-	< 1.3	< 2.5	21,000	3,300	560	560	< 1.0	< 1.0	0.090
		2004 02 (Summer)	-	-	-	< 1.3	< 2.5	20,000	3,100	510	510	< 1.0	< 1.0	< 0.040
	D05-08	2004 04 (Winter)	-	-	-	< 1.3	< 2.5	21,000	3,300	580	580	< 1.0	< 1.0	11.0
		2004 02 (Summer)	-	-	-	< 1.3	< 2.5	20,000	3,100	550	550	< 1.0	< 1.0	< 0.040
	D12-01	2004 04 (Winter)	< 0.0050	< 0.0050	0.0030 J	< 1.3	< 2.5	24,000	2,500	770	770	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	< 0.010	< 1.3	< 2.5	23,000	2,500	810	810	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.0044	< 1.0	-	24,300 J	2,240	866	866	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.0015 J	< 1.0	< 50.0 UJ	26,000	2,590	780	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	< 0.010	< 2.5	< 2.5	23,000	2,500	800	800	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	< 0.50	< 0.50	23,000	2,600	790	790	< 1.0	< 1.0	< 0.040

General Table Footnotes
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Acronyms and abbreviations

AWQC: Saltwater Ambient Water Quality Criteria, (U.S. EPA, 2002)
BV: Background value (Tetra Tech Environmental Management, Inc., November, 2001)
FWBZ: First Water-Bearing Zone
IR Site: Installation Restoration Site
MCL: California maximum contaminant level (U.S. EPA and California Department of Health Services, June 2003)
MTBE: Methyl tert-butyl ether
NA: Not available (applicable to regulatory limits or background values)
PAH: Polycyclic Aromatic Hydrocarbons
PCE: Tetrachloroethene
Ra: Radium
SO_4: Sulfate
Sr: Strontium
SVOC: Semivolatile Organic Compounds
SWBZ: Second Water-Bearing Zone
TCE: Trichloroethene
TDS: Total Dissolved Solids
TPH: Total Petroleum Hydrocarbons
VOC: Volatile Organic Compounds
-: compound not analyzed

Units

µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: pico curies per liter
PPBV: parts per billion by volume

Validation Qualifiers

J: Estimated value.
U: Not detected at or above the indicated reporting limit.
UJ: Not detected at or above the indicated reporting limit. The reporting limit is an estimate.
R: The analyte is rejected due to deficiencies in the ability to analyze the sample and meet QC criteria.
UR: The analyte was not detected. The analyte is rejected due to deficiencies in the ability to analyze the sample and meet QC criteria.

Notes

Detected values are bolded.
Detected values greater than the MCL are shown in yellow highlighting
Detected values greater than the BV are shown in blue highlighting
Detected values greater than the both the BV and the MCL are shown in pink highlighting
Total TPH (calculated) is the sum of all reported TPH results. Where all TPH results are less than reporting limits, the Total TPH value is represented by the highest reporting limit.

Figures

Site 5 Group
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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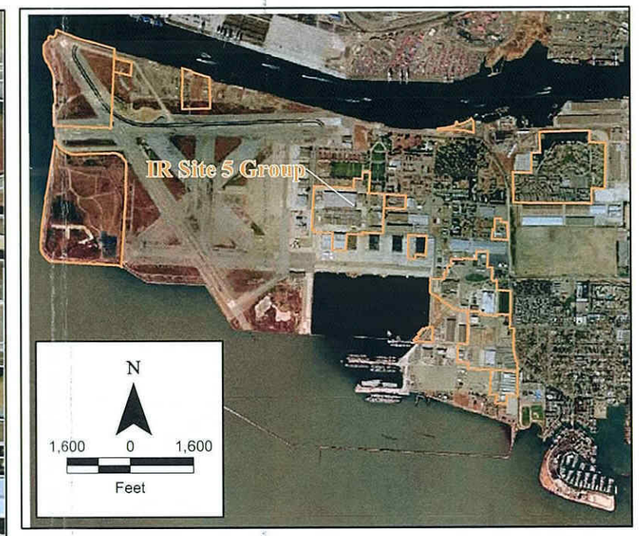

Legend

- First Water Bearing Zone (FWBZ) Wells
- Second Water Bearing Zone (SWBZ) Wells
- IR Site Boundary
- Facility

N

400 0 400

Feet

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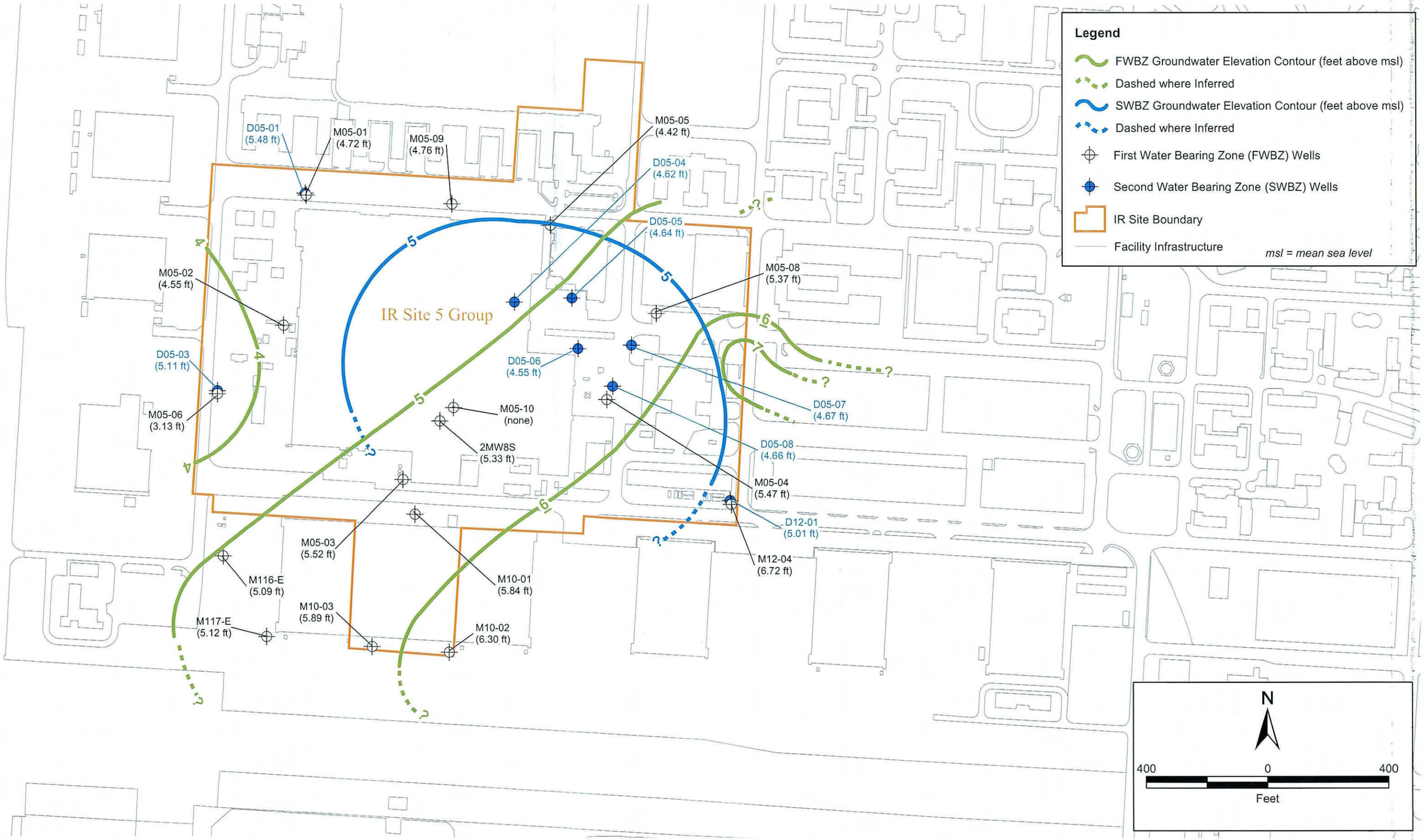
SAN DIEGO, CALIFORNIA
ALAMEDA POINT, ALAMEDA, CALIFORNIA

FIGURE 5-1
IR SITE 5 GROUP
SITE AND WELL LOCATION MAP

2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Site 5 Group\IR Site 5 Group Location Map_NAD83.mxd



2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Site 5 Group\IR Site 5 Group GW Elev Map_NAD83.mxd

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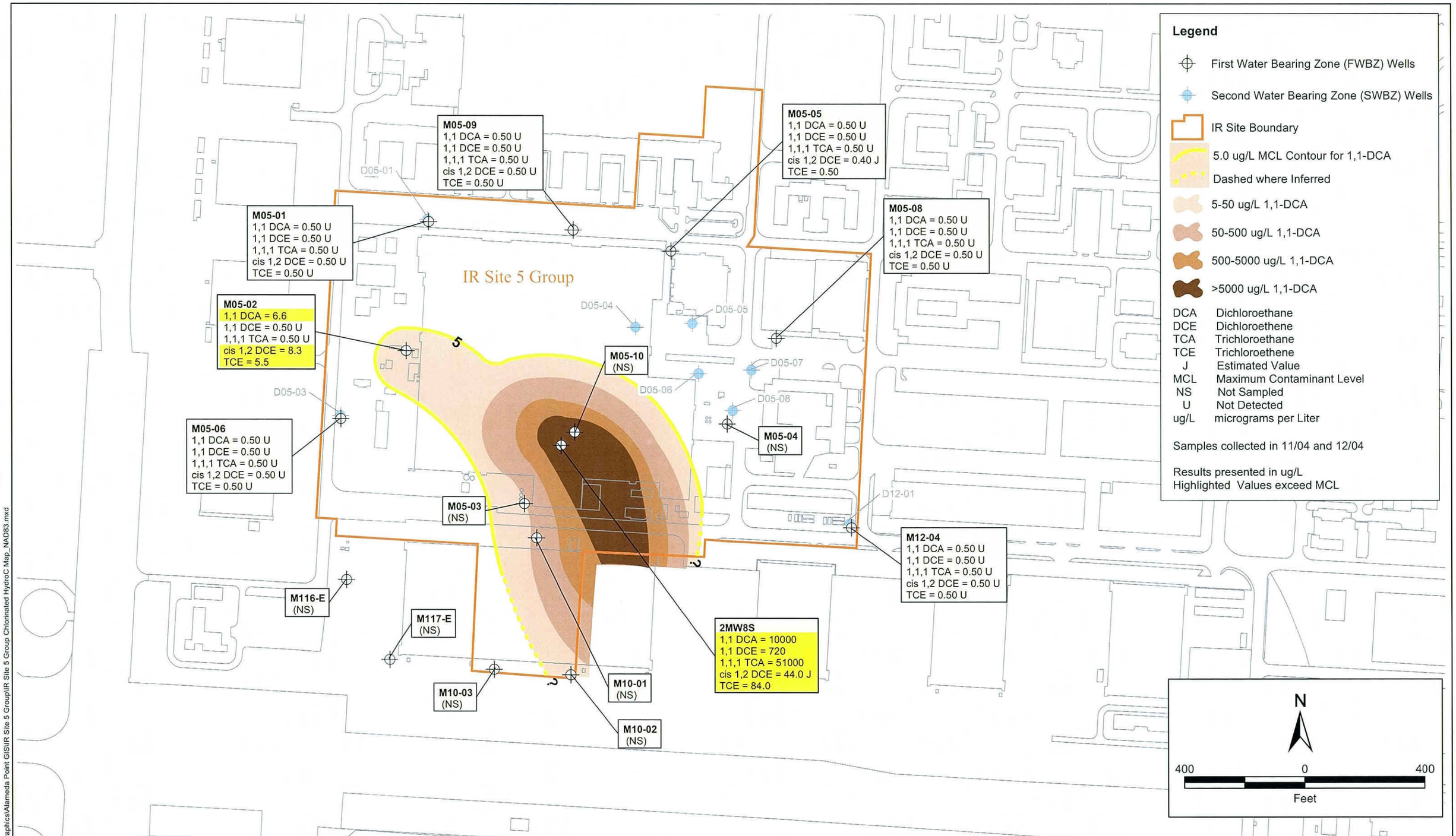
PROGRAM MANAGEMENT OFFICE WEST
SAN DIEGO, CALIFORNIA
ALAMEDA POINT, ALAMEDA, CALIFORNIA

FIGURE 5-2
IR SITE 5 GROUP
GROUNDWATER ELEVATION MAP
FALL/WINTER 2004



Innovative Technical Solutions, Inc.

U.S. DEPARTMENT OF THE NAVY, BASE REALIGNMENT AND CLOSURE
PROGRAM MANAGEMENT OFFICE WEST
SAN DIEGO, CALIFORNIA
ALAMEDA POINT, ALAMEDA, CALIFORNIA

FIGURE 5-3
IR SITE 5 GROUP
GROUNDWATER DISTRIBUTION OF SELECTED
CHLORINATED HYDROCARBONS ABOVE CRITERIA
FALL/WINTER 2004

2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Site 5 Group\IR Site 5 Group Chlorinated HydroC Map_NAD83.mxd

Appendix A -
Analytical Data with Data Qualifiers and Reason Code Definitions

Site 5 Group
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

Innovative Technical Solutions, Inc.

N00236.003004
ALAMEDA POINT
SSIC NO. 5090.3.A.

ANALYTICAL DATA

THIS RECORD CONTAINS LARGE VOLUMES OF DATA AND IS NOT REQUIRED TO BE PHYSICALLY LOCATED WITH THE ADMINISTRATIVE RECORD DOCUMENT.

DUE TO EXTENSIVE VOLUME, THIS DATA WILL NOT BE IMAGED.

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

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Site 6

Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

Innovative
Technical
Solutions, Inc.

Tables

Site 6
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

Innovative Technical Solutions, Inc.

Table 6-1
Groundwater Monitoring Summary, IR Site 6 - Fall/Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

				Organic Compounds					Inorganic Compounds	Natural Attenuation Parameters				
WATER-BEARING ZONE	SAMPLE LOCATION	GEOLOGICAL UNIT	SCREEN INTERVAL (FT. BGS)	TPH- E as diesel, jet fuel, motor oil (EPA 8015B)	TPH-P as gasoline (EPA 8015B)	VOCs (EPA 8260B)	1,4-Dioxane (EPA 8270 SIM)	SVOCs (EPA 8270C)	Dissolved Metals (EPA 6010B/ 6020A/7470A)	Methane, Ethane, Ethene (RSK SOP 175)	Nitrate, Nitrite, Chloride, Sulfate (EPA9056/300.0)	Alkalinity (EPA 310.1)	Sulfide (EPA 376.2)	Ferrous Iron by (Hach 8146)
Groundwater Monitoring Program Wells														
First	13-MW-03	Unknown	3 - 18			X	X							
	M06-01	Fill	4 - 9.5			X	X							
	M06-02	Fill	4 - 10			X	X							
	M06-03	Fill	4 - 10	X	X	X	X		X	X	X	X	X	X
	M06-05	Fill	4 - 10	X	X	X	X		X	X	X	X	X	X
	M06-06	Fill	3 - 13	X	X	X	X		X	X	X	X	X	X
	M06-07	Fill	4 - 13.5			X	X	X		X	X	X	X	X
Non-Program Wells, Water Level Only														
First	M06-04	Fill	4 - 9	-	-	-	-	-	-	-	-	-	-	-

Notes:

X Well sampled for this parameter during Fall/Winter 2004 event.

\- Well not in analytical program.

Fill - Artificial Fill
BSU - Bay Sediment Unit
USA - Upper San Antonio Formation
Merritt - Merritt Sand

FT. BGS - Feet below ground surface
TPH - Total Petroleum Hydrocarbons
VOCs - Volatile Organic Compounds
SVOCs - Semivolatile Organic Compound
(8260B) - U.S. Environmental Protection Agency analytical method
RSK 175 - R.S. Kerr Laboratory Standard Operating Procedure 175

Table 6-2
Summary of Groundwater Level Measurements at Installation Restoration Site 6
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	13-MW-03	9.09	9.09	11/08/04	3.06	6.03
		9.09	9.09	06/17/04	3.44	5.65
		9.09	9.09	03/02/04	2.73	6.36
		9.09	9.09	12/02/03	3.31	5.78
		9.09	9.09	09/16/03	3.56	5.53
		9.09	9.09	06/23/03	3.29	5.80
		9.09	9.09	04/07/03	3.13	5.96
First	M06-01	10.39	10.41 **	11/08/04	3.99	6.42
		10.39	10.41 **	06/17/04	3.96	6.45
		10.39	10.41 **	03/02/04	3.41	7.00
		10.39	10.41 **	12/02/03	4.05	6.36
		10.39	10.41 **	09/16/03	4.10	6.31
		10.39	10.41 **	06/23/03	3.91	6.50
		10.39	10.41 **	04/07/03	3.95	6.46
First	M06-02	10.68	10.70 **	11/08/04	4.24	6.46
		10.68	10.70 **	06/17/04	4.35	6.35
		10.68	10.70 **	03/02/04	3.82	6.88
		10.68	10.70 **	12/02/03	4.26	6.44
		10.68	10.70 **	09/16/03	4.41	6.29
		10.68	10.70 **	06/23/03	4.19	6.51
		10.68	10.70 **	04/07/03	4.04	6.66
First	M06-03	11.75	11.20 *	11/08/04	4.82	6.38
		11.75	11.20 *	06/17/04	4.87	6.33
		11.75	11.20 *	03/02/04	4.41	6.79
		11.75	11.20 *	12/02/03	4.81	6.39
		11.75	11.20 *	09/16/03	4.98	6.22
		11.75	11.20 *	06/23/03	4.81	6.39
		11.75	11.20 *	04/07/03	4.72	6.48
		11.75	11.20 *	12/11/02	4.90	6.30
		11.75	11.20 *	06/24/02	5.88	5.32
First	M06-04 ‡	10.50	10.52 **	11/08/04	3.09	7.43
		10.50	10.52 **	06/17/04	3.19	7.33
		10.50	10.52 **	03/02/04	3.02	7.50
		10.50	10.52 **	12/02/03	3.05	7.47
		10.50	10.52 **	09/16/03	3.32	7.20
		10.50	10.52 **	06/23/03	3.24	7.28
		10.50	10.52 **	04/07/03	3.10	7.42
First	M06-05	11.24	10.86 *	11/08/04	4.31	6.55
		11.24	10.86 *	06/17/04	4.37	6.49
		11.24	10.86 *	03/02/04	3.90	6.96
		11.24	10.86 *	12/02/03	4.29	6.57
		11.24	10.86 *	09/16/03	4.45	6.41
		11.24	10.86 *	06/23/03	4.29	6.57
		11.24	10.86 *	04/07/03	3.85	7.01
		11.24	10.86 *	12/11/02	4.54	6.32
		11.24	10.86 *	09/03/02	4.53	6.33
		11.24	10.86 *	06/24/02	5.44	5.42
First	M06-06	11.24	10.94 *	11/08/04	4.13	6.81

Table 6-2
Summary of Groundwater Level Measurements at Installation Restoration Site 6
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M06-06	11.24	10.94 *	06/17/04	4.09	6.85
		11.24	10.94 *	03/02/04	3.47	7.47
		11.24	10.94 *	12/02/03	4.15	6.79
		11.24	10.94 *	09/16/03	4.30	6.64
		11.24	10.94 *	06/23/03	4.91	6.03
		11.24	10.94 *	04/07/03	3.63	7.31
		11.24	10.94 *	12/11/02	4.38	6.56
		11.24	10.94 *	09/03/02	4.32	6.62
		11.24	10.94 *	06/24/02	4.06	6.88
First	M06-07	10.51	10.94	11/08/04	4.04	6.90
		10.51	10.94	06/17/04	3.85	7.09

Notes:
BTOC = below top of casing
msl = mean sea level

* = Surveyed to NGVD 29 by Calvada Surveying in September 2002. Subsequently converted to NAVD 88 by Shaw Environmental, Inc. using the Corpscon software.
** = Converted from Mean Lower Low Water to NAVD 88 by Shaw Environmental, Inc. using the Tidal Datum Epoch (1960-1978) at Tidal Bench Mark 9414750
‡ = Well used only for water level measurements. Not scheduled for sampling in the monitoring program.

Table 6-3

Groundwater Sample Analytical Results at IR Site 6: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Innovative Technical Solutions, Inc.

Table 6-3
Groundwater Sample Analytical Results at IR Site 6: Total Petroleum Hydrocarbons and Volatile Organic Compounds
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	13-MW-03	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	-	-	-	-	-	< 0.50	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	M06-01	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.50**	**3.2**	< 0.50	**8.0**	**1.0**	< 0.50	< 0.50	< 0.50	**2.5**
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.70**	**3.2**	< 0.50	**8.0**	**0.40 J**	< 0.50	< 0.50	< 0.50	**1.1**
		2004 01 (Spring)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.25 J**	**2.4**	< 1.0	**7.3**	**0.96 J**	< 1.0	< 0.50	< 1.0	**3.0**
		2003 04 (Winter)	-	-	-	-	-	< 0.50	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0 UJ	**0.56 J**	**3.5**	< 1.0	**12.0**	**1.0 J**	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.78 J**	< 1.0	**3.2**	**0.53 J**	< 1.0	< 0.50	< 1.0	**2.0**
	M06-02	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	**0.60**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**1.6**	**0.40 J**	**11.0**	**5.2**	**0.80**	< 0.50	< 0.50	**0.40 J**
		2004 02 (Summer)	-	-	-	-	-	**0.10 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	**0.10 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**1.4**	**0.30 J**	**9.4**	**5.0**	**0.80**	< 0.50	< 0.50	**0.90**
		2004 01 (Spring)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.9**	**0.38 J**	**8.4**	**3.9**	**0.88 J**	< 0.50	**0.26 J**	**1.5**
		2003 04 (Winter)	-	-	-	-	-	< 0.50	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	**1.5**	**0.42 J**	**12.0**	**4.6 J**	**0.86 J**	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.46 J**	**0.52 J**	**14.0**	**7.0**	**1.2**	< 0.50	< 1.0	**3.4**
	M06-03	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.20 J**	< 0.50	**6.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.30 J**	< 0.50	**8.4**	**0.10 J**	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.26 J**	< 1.0	**10.0**	< 1.0	**0.24 J**	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 200	< 300	< 200	< 50.0	< 300	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**6.8**	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.30 J**	< 0.50	**6.3**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50	**5.9**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M06-05	2004 04 (Winter)	**120**	**64.0**	< 300	< 50.0	**184**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**1.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.90**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	**25.0 J**	**25.0**	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.3**	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0 UJ	< 1.0	**1.6**	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.1**	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.6**	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	**1.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.80**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0 J	< 300	**0.10 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.70**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.90**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M06-06	2004 04 (Winter)	**84.0**	< 50.0	< 300	< 50.0	**84.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**1.3**	**3.4**	**0.70**	**6.9**	**0.90**	**0.80**	< 0.50	< 0.50	**0.40 J**
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**1.2**	**2.3**	**0.60**	**4.5**	**0.70**	**0.80**	< 0.50	< 0.50	**0.40 J**
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.1**	**2.0**	**0.30 J**	**2.3**	**0.28 J**	**0.43 J**	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 200	< 290	< 200	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.5**	**3.6**	**0.79 J**	**6.9**	**0.83 J**	**0.91 J**	< 0.50	< 1.0	**0.53**
		2003 03 (Fall)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.0 J**	**2.0**	**0.71 J**	**5.5**	**1.1**	**1.6**	< 0.50	< 1.0	**0.75**
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.7**	**2.0**	**0.72 J**	**5.2**	**0.47 J**	**0.63 J**	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**1.8**	**2.0**	**0.50**	**3.9**	**0.30 J**	**0.40 J**	< 0.50	< 0.50	< 0.50

Innovative Technical Solutions, Inc.

Table 6-3

Groundwater Sample Analytical Results at IR Site 6: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ M06-06	2002 04 (Winter)		< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.8	2.5	1.0	5.1	0.20 J	0.90	< 0.50	< 0.50	< 0.50
	2002 03 (Fall)		48.0 J	< 50.0	240 J	28.0 J	316	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.2	5.8	3.1	19.0	1.1	3.6	0.20 J	< 0.50	1.4
	2002 02 (Summer)		< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.8	4.9	3.0	17.0	1.1	3.4	< 0.50	< 0.50	1.5
M06-07	2004 04 (Winter)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2004 02 (Summer)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	0.10 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.30 J	0.20 J	< 0.50	< 0.50

Table 6-4

Groundwater Sample Analytical Results at IR Site 6: Semivolatile Organic Compounds

Summer 2002 through Winter 2004

**Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California**

**Innovative
Technical
Solutions, Inc.**

Table 6-4
Groundwater Sample Analytical Results at IR Site 6: Semivolatile Organic Compounds (SVOCs)
Summer 2004 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Detected SVOCs
			Benzoic acid
		Units:	UG/L
		MCL:	**NA**
		BV:	**NA**
	Well Number	**Event** ***AWQC:***	**NA**
FWBZ	M06-07	2004 04 (Winter)	< 48.0
		2004 02 (Summer)	**6.3 J**

Table 6-5

Groundwater Sample Analytical Results at IR Site 6: Dissolved Metals

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Innovative Technical Solutions, Inc.

Table 6-5
Groundwater Sample Analytical Results at IR Site 6: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																		Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M06-03	2004 04 (Winter)		0.19 J	< 5.0	340	< 2.0	< 5.0	< 10.0	0.28 J	< 10.0	< 3.0	220	< 0.20	4.9 J	< 20.0	< 5.0	< 5.0	< 5.0	< 10.0	< 20.0	< 100	150	86.0	62.0	41.0	1,300
	2004 02 (Summer)		0.26 J	4.9	430	< 1.0	< 5.0	1.2	0.36 J	1.3	0.12 J	220	0.090 J	< 20.0	2.5	3.7	< 5.0	< 1.0	3.5	2.5	5.5 J	120	120	78.0	54.0	1,500
	2003 04 (Winter)		< 5.0	< 50.0	385	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	221 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0 UJ	< 50.0	< 20.0	< 200	274	118	77.6	53.6	1,470
	2003 02 (Summer)		< 50.0	< 50.0	501	< 4.0	< 5.0	< 10.0	< 10.0	1.9 J	< 10.0	276	< 0.40	6.1 J	2.1 J	< 20.0	< 10.0	< 100	1.6 J	< 20.0	< 200	262	134	90.1	120	1,340 J
	2002 04 (Winter)		< 50.0	5.0 J	440	< 2.0	< 5.0	< 10.0	0.32 J	0.80 J	< 3.0	270	< 0.20	3.0 J	2.1 J	4.5 J	< 5.0	< 2.0	3.8 J	< 20.0 UJ	10.0 J	670	120	78.0	46.0	1,400
	2002 02 (Summer)		0.11 J	6.0	520 J	< 2.0	< 5.0	11.0	0.52 J	0.78 J	0.026 J	280	0.070 J	2.5 J	1.9 J	7.9	1.0 J	< 2.0	4.2 J	< 20.0	3.4 J	530	170	98.0	55.0	1,600
M06-05	2004 04 (Winter)		0.13 J	9.5	180	< 2.0	< 5.0	< 10.0	0.34 J	< 10.0	< 3.0	370	< 0.20	5.5 J	1.4 J	< 5.0	< 5.0	< 5.0	< 10.0	< 20.0	< 100	460	38.0	37.0	30.0	900
	2004 02 (Summer)		0.23 J	9.3	200	< 1.0	< 5.0	1.2	0.20 J	0.89 J	0.15 J	430	0.12 J	< 20.0	3.6	2.6	< 5.0	0.26 J	1.2	7.3	5.5 J	400	42.0	36.0	34.0	970
	2003 04 (Winter)		< 5.0 UJ	< 50.0	121	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0 UJ	191	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	< 20.0	< 200	280	31.3	24.8	25.0	694
	2003 02 (Summer)		< 50.0	8.8 J	122	< 4.0	< 5.0	1.4 J	< 10.0	< 10.0	< 10.0	220	< 0.40	8.1 J	5.5 J	< 20.0	< 10.0	< 5.0	< 50.0	115	97.8 J	323	20.9	21.8	23.7	642 J
	2002 04 (Winter)		0.43 J	8.8	120	< 2.0	< 5.0	< 10.0	0.25 J	1.3 J	0.088 J	260 J	< 0.20	6.7 J	3.0 J	< 5.0 UJ	< 5.0	< 2.0	< 10.0	7.4 J	5.8 J	380	29.0	18.0	19.0	710
	2002 02 (Summer)		0.10 J	11.0	250 J	< 2.0	< 5.0	5.1 J	0.23 J	0.34 J	0.040 J	540	< 0.20	5.4 J	1.5 J	3.0 J	1.8 J	< 2.0	2.3 J	3.0 J	3.3 J	980	45.0	44.0	33.0	890
M06-06	2004 04 (Winter)		0.10 J	5.1	69.0	< 2.0	< 5.0	< 10.0	0.25 J	< 10.0	1.4 J	150	< 0.20	4.9 J	< 20.0	< 5.0	< 5.0	< 5.0	< 10.0	6.4 J	< 100	330	31.0	14.0	23.0	160
	2004 02 (Summer)		0.16 J	11.0	72.0	< 2.0	< 5.0	0.43 J	0.20 J	< 10.0	0.22 J	140	< 0.20	3.7 J	0.73 J	< 5.0	< 5.0	< 1.0	< 10.0	9.3 J	< 50.0	260	31.0	14.0	24.0	170
	2003 04 (Winter)		< 5.0	5.7 J	73.6 J	< 4.0	2.5 J	< 10.0	< 10.0	< 10.0	< 10.0	179 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	< 20.0	< 200	244	33.1	15.3	26.6	164
	2003 02 (Summer)		< 50.0	< 50.0	59.5 J	< 4.0	< 5.0	< 10.0	< 10.0	1.1 J	< 10.0	53.4	< 0.40	5.5 J	1.5 J	< 20.0	< 10.0	< 5.0	2.7 J	< 20.0	< 200	< 100	27.5	12.3	22.5	107 J
	2002 04 (Winter)		< 50.0	< 5.0	99.0	< 2.0	0.16 J	3.1 J	0.28 J	1.1 J	0.22 J	74.0 J	< 0.20	3.1 J	< 20.0 UJ	< 5.0 UJ	< 5.0	< 2.0	4.2 J	5.9 J	110	350	39.0	17.0	21.0	160
	2002 02 (Summer)		0.085 J	4.1 J	130 J	< 2.0	< 5.0	2.1 J	0.18 J	0.70 J	0.070 J	100	0.44	3.5 J	1.3 J	1.3 J	0.64 J	< 2.0	3.3 J	1.2 J	4.0 J	170	34.0	18.0	31.0	240

FWBZ

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Table 6-6
Groundwater Sampling Field Parameters at Installation Restoration Site 6
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	13-MW-03	11/24/04	7.06	0.14	192
		06/29/04	7.43	0.12	-305
		03/08/04	7.23	0.11	186
		12/22/03	7.56	0.29	114
		09/23/03	7.21	0.26	-268
First	M06-01	11/24/04	7.07	0.40	46
		06/29/04	7.09	0.29	-11
		03/08/04	7.04	0.24	104
		12/22/03	7.05	0.26	-184
		09/22/03	7.10	0.30	9.0
First	M06-02	11/24/04	7.57	0.33	134
		06/29/04	7.79	0.40	51
		03/05/04	7.79	2.31	136
		12/22/03	7.72	1.20	-71
		09/22/03	7.86	0.40	1.69
First	M06-03	11/29/04	7.19	0.39	-33
		06/29/04	7.13	0.27	-246
		12/09/03	7.26	0.29	121
		06/27/03	7.53	0.20	-11
		12/23/02	7.02	1.50	-112.8
		06/24/02	7.47	2.10	-100
First	M06-05	11/29/04	7.74	0.57	27
		06/29/04	7.42	0.46	-190
		03/05/04	7.88	0.72	101
		12/08/03	7.75	0.51	103
		09/22/03	7.73	0.64	51
		06/27/03	7.77	0.21	-110
		04/09/03	7.90	3.90	-38
		12/23/02	7.51	4.05	-131.2
		09/05/02	7.51	6.20	-159
		06/24/02	7.71	1.60	-143
First	M06-06	11/29/04	7.22	0.31	33
		06/29/04	7.36	0.27	22
		03/05/04	7.40	1.55	286
		12/09/03	7.56	0.24	178
		09/22/03	7.53	0.37	5.0
		06/27/03	7.78	0.86	202
		04/10/03	7.60	***13.70***	162
		12/23/02	7.29	5.65	24.1
		09/05/02	7.46	1.30	4.4
		06/24/02	7.55	2.20	-62
First	M06-07	11/29/04	7.15	0.26	162
		06/30/04	7.59	0.13	-319

Notes:

Field parameters are measured during well purging, just prior to collection of the groundwater sample.

mg/L = milligrams per liter

ORP = oxidation-reduction potential

Table 6-6
Groundwater Sampling Field Parameters at Installation Restoration Site 6
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)

mV = millivolts

Italicized results are outside expected range for parameter. Natural groundwater has the following expected ranges:

pH: between 6 and 8.5 standard units

DO: below approximately 9 mg/L

ORP: between approximately 600 and -400 mV

Table 6-7

Groundwater Sample Analytical Results at IR Site 6: Natural Attenuation Parameters

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

Innovative Technical Solutions, Inc.

Table 5-7

Groundwater Sample Analytical Results at IR Site 6: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M06-03	2004 04 (Winter)	< 0.0050	< 0.0050	3.4	< 0.25	< 0.25	1,800	280	600	600	< 1.0	< 1.0	0.90
		2004 02 (Summer)	< 0.010	< 0.010	3.6	< 0.25	< 0.25	2,000	280	730	730	< 1.0	< 1.0	0.62
		2003 04 (Winter)	< 0.0030	< 0.0030	1.7	< 1.0	< 1.0	1,720	253	746	746	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.96	0.22	< 1.0	2,000	321	703	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	1.8	0.57	< 10.0	1,900	240	670	670	< 1.0	< 1.0	0.12
		2002 02 (Summer)	< 0.010	< 0.010	0.61	< 0.25	< 0.25	2,300	270	730	730	< 1.0	< 1.0	0.060
	M06-05	2004 04 (Winter)	< 0.0050	< 0.0050	7.3	0.060	< 0.10	1,000	25.0	620	620	< 1.0	< 1.0	0.23
		2004 02 (Summer)	< 0.010	< 0.010	3.4	< 0.10	< 0.10	1,100	77.0	730	730	< 1.0	< 1.0	0.22
		2003 04 (Winter)	< 0.0030	< 0.0030	2.2	< 1.0	< 1.0	674	65.6	605	605	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.71	< 0.10	< 1.0	978	44.9	592	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	2.4	0.90	< 0.050	620	80.0	470	470	< 1.0	< 1.0	0.14
		2002 02 (Summer)	< 0.010	< 0.010	4.2	< 0.10 J	< 0.10	1,100	36.0	650	650	< 1.0	< 1.0	0.15
	M06-06	2004 04 (Winter)	< 0.0050	< 0.0050	6.3	0.070	< 0.050	180	27.0	260	260	< 1.0	< 1.0	0.040
		2004 02 (Summer)	< 0.010	< 0.010	3.3	0.030 J	< 0.050	160	31.0	230	230	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	0.0015 J	2.8	< 1.0	< 1.0	151	34.5	274	274	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.65	0.36	< 0.10	120	33.5	217	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	0.12	1.0	< 0.050	190	33.0	220	220	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	0.82	0.18	< 0.050	300	31.0	240	240	< 1.0	< 1.0	< 0.040
	M06-07	2004 04 (Winter)	< 0.0050	< 0.0050	3.6	0.020 J	< 0.050	200	16.0	220	220	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	2.1	< 0.050	< 0.050	500	14.0	390	390	< 1.0	< 1.0	< 0.040

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Table 6-8
Groundwater Sample Analytical Results at IR Site 6: 1,4-Dioxane
Fall/Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			1,4-Dioxane
		Units:	UG/L
		MCL:	NA
		BV:	NA
	Well Number	**Event** *AWQC:*	NA
FWBZ	13-MW-03	2004 04 (Winter)	**0.18 J**
	M0601	2004 04 (Winter)	**0.41 J**
	M0602	2004 04 (Winter)	**1.9**
	M0603	2004 04 (Winter)	**1.0**
	M0605	2004 04 (Winter)	<0.9
	M0606	2004 04 (Winter)	**3.6**
	M0607	2004 04 (Winter)	<0.9

General Table Footnotes
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Acronyms and abbreviations

AWQC: Saltwater Ambient Water Quality Criteria, (U.S. EPA, 2002)
BV: Background value (Tetra Tech Environmental Management, Inc., November, 2001)
FWBZ: First Water-Bearing Zone
IR Site: Installation Restoration Site
MCL: California maximum contaminant level (U.S. EPA and California Department of Health Services, June 2003)
MTBE: Methyl tert-butyl ether
NA: Not available (applicable to regulatory limits or background values)
PAH: Polycyclic Aromatic Hydrocarbons
PCE: Tetrachloroethene
Ra: Radium
SO_4: Sulfate
Sr: Strontium
SVOC: Semivolatile Organic Compounds
SWBZ: Second Water-Bearing Zone
TCE: Trichloroethene
TDS: Total Dissolved Solids
TPH: Total Petroleum Hydrocarbons
VOC: Volatile Organic Compounds
-: compound not analyzed

Units

µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: pico curies per liter
PPBV: parts per billion by volume

Validation Qualifiers

J: Estimated value.
U: Not detected at or above the indicated reporting limit.
UJ: Not detected at or above the indicated reporting limit. The reporting limit is an estimate.
R: The analyte is rejected due to deficiencies in the ability to analyze the sample and meet QC criteria.
UR: The analyte was not detected. The analyte is rejected due to deficiencies in the ability to analyze the sample and meet QC criteria.

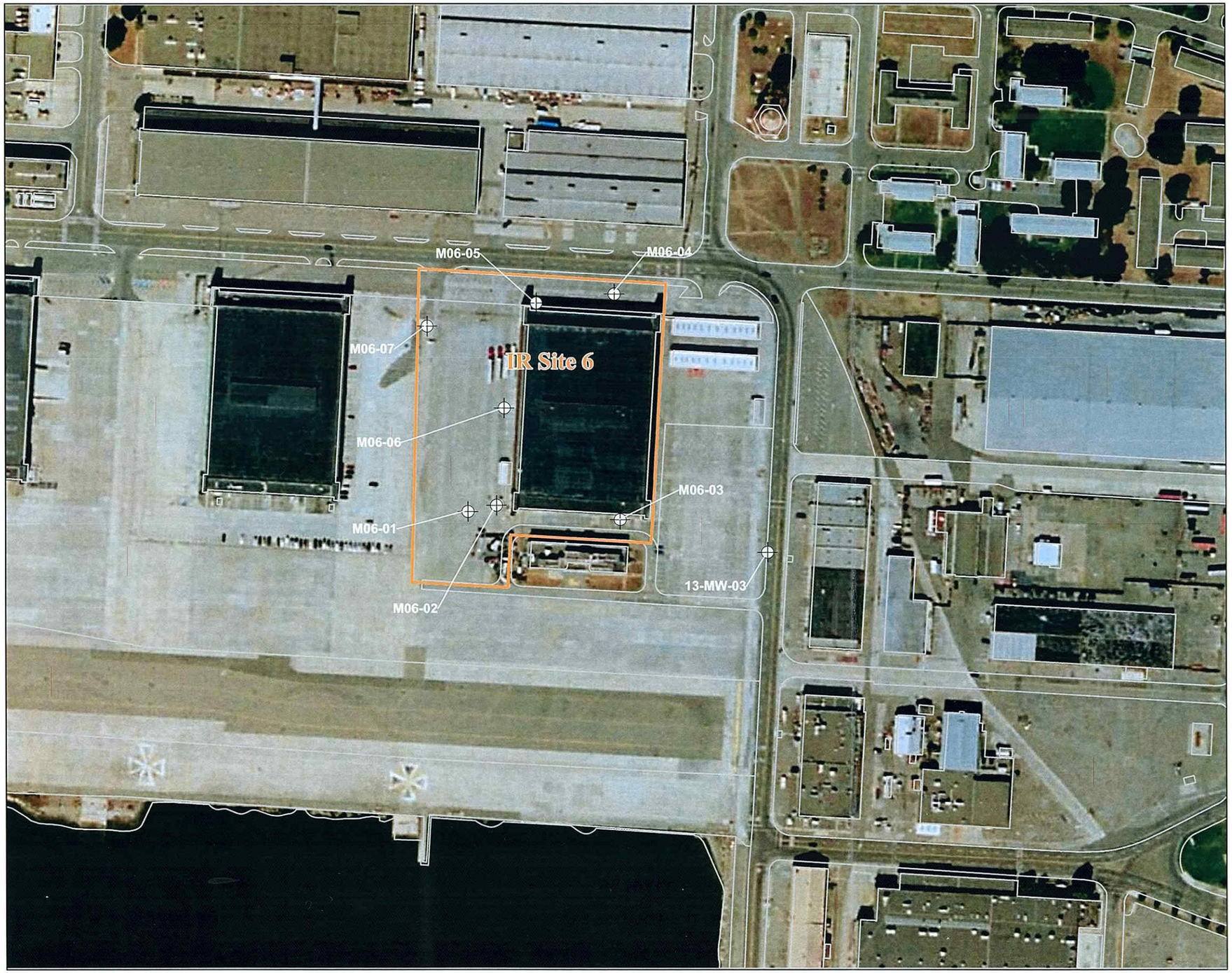
Notes

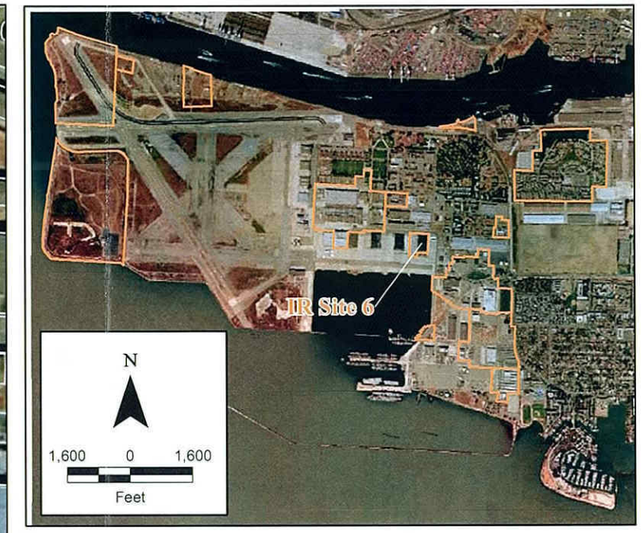
Detected values are bolded.
Detected values greater than the MCL are shown in yellow highlighting
Detected values greater than the BV are shown in blue highlighting
Detected values greater than the both the BV and the MCL are shown in pink highlighting
Total TPH (calculated) is the sum of all reported TPH results. Where all TPH results are less than reporting limits, the Total TPH value is represented by the highest reporting limit.

Figures

Site 6
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

Innovative Technical Solutions, Inc.





Legend

- First Water Bearing Zone (FWBZ) Wells
- IR Site Boundary
- Facility

N

200 0 200

Feet

2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Site 6\IR Site 6 Location Map_NAD83.mxd

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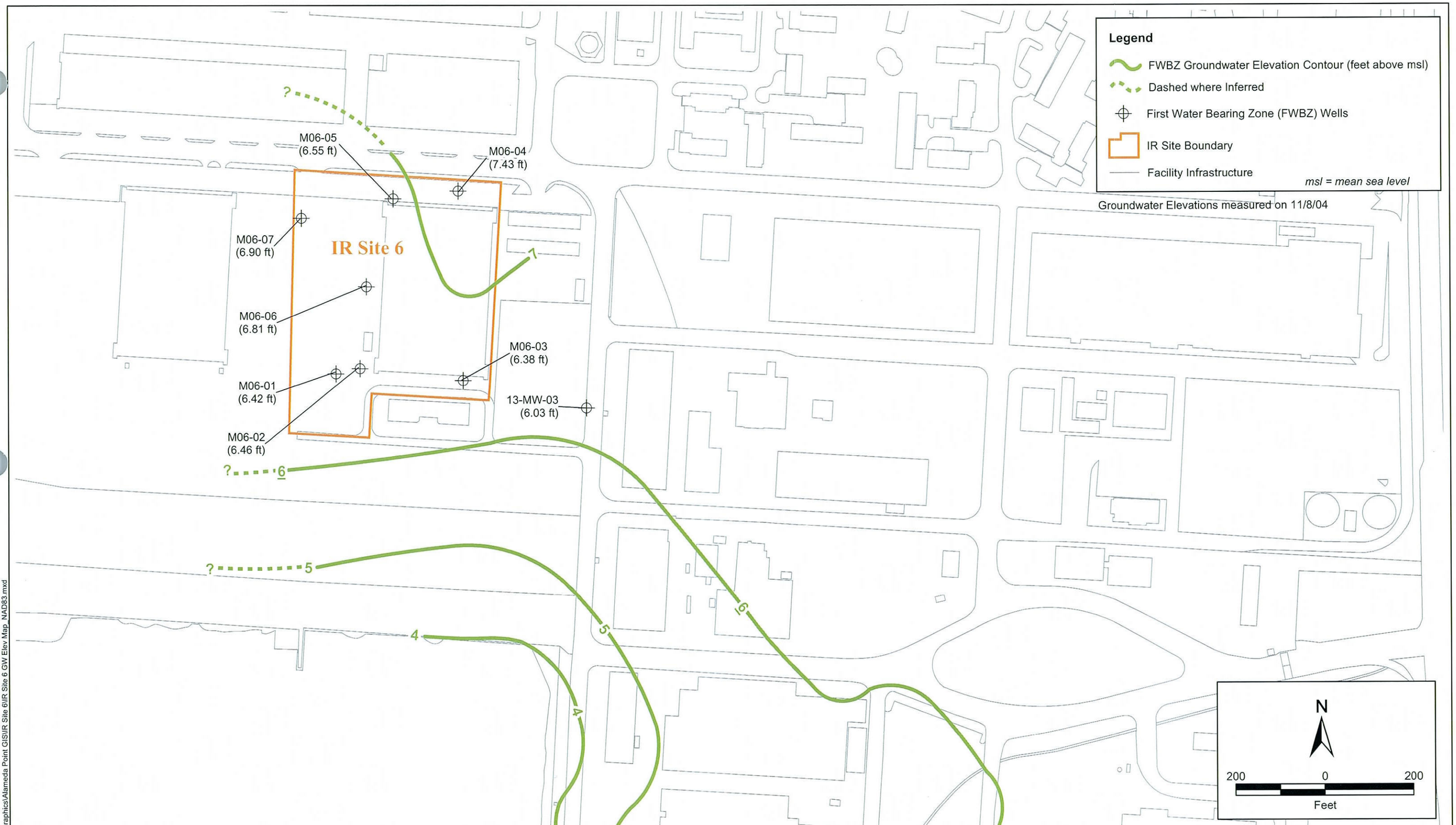
SAN DIEGO, CALIFORNIA
HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA

FIGURE 6-1
IR SITE 6
SITE AND WELL LOCATION MAP



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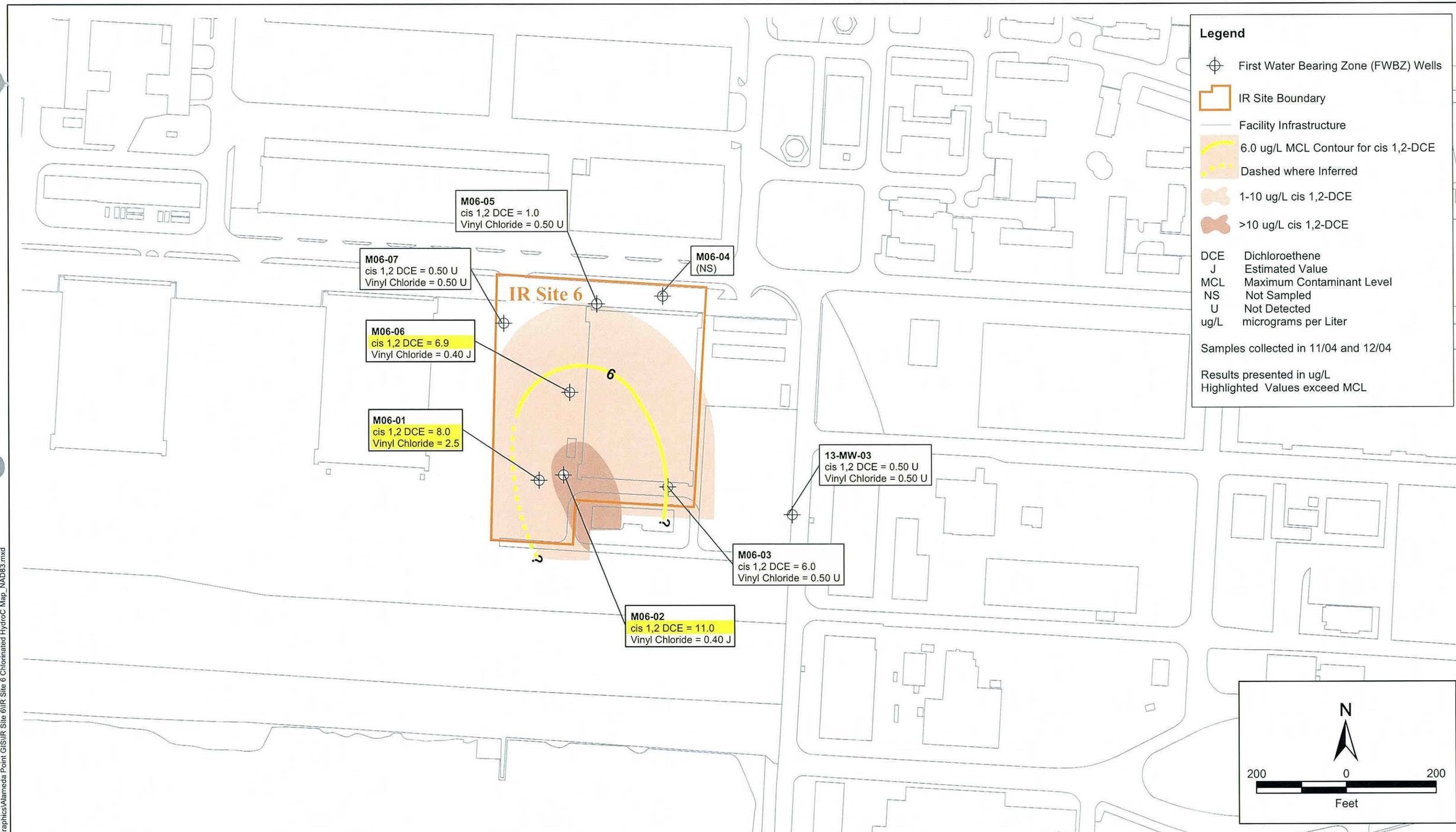
ALAMEDA POINT, ALAMEDA, CALIFORNIA

FIGURE 6-2
IR SITE 6
GROUNDWATER ELEVATION MAP
FALL/WINTER 2004

2002 Projects\02-1...\Graphics\Alameda Point GIS\IR Site 6\IR Site 6 GW Elev Map_NAD83.mxd



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ALAMEDA POINT, ALAMEDA, CALIFORNIA

FIGURE 6-3
IR SITE 6
GROUNDWATER DISTRIBUTION OF SELECTED
CHLORINATED HYDROCARBONS ABOVE CRITERIA
FALL/WINTER 2004

2002 Projects\02-1 \Graphics\Alameda Point GIS\IR Site 6\IR Site 6 Chlorinated HydroC Map_NAD83.mxd

Appendix A -
Analytical Data with Data Qualifiers and Reason Code Definitions

Site 6
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

Innovative Technical Solutions, Inc.

N00236.003004
ALAMEDA POINT
SSIC NO. 5090.3.A.

ANALYTICAL DATA

THIS RECORD CONTAINS LARGE VOLUMES OF DATA AND IS NOT REQUIRED TO BE PHYSICALLY LOCATED WITH THE ADMINISTRATIVE RECORD DOCUMENT.

DUE TO EXTENSIVE VOLUME, THIS DATA WILL NOT BE IMAGED.

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

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Site 7

Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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Tables

Site 7
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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Table 7-1
Groundwater Monitoring Summary, IR Site 7 - Fall/Winter 2004
Basewide Groundwater Mo nitoring Program, Alameda Point, Alameda, California

				Organic Compounds				Inorganic Compounds	Natural Attenuation Parameters				
WATER-BEARING ZONE	SAMPLE LOCATION	GEOLOGICAL UNIT	SCREEN INTERVAL (FT. BGS)	TPH- E as diesel, jet fuel, motor oil (EPA 8015B)	TPH-P as gasoline (EPA 8015B)	VOCs (EPA 8260B)	Polycyclic Aromatic Hydrocarbons (EPA 8310)	Dissolved Metals (EPA 6010B/ 6020A/7470A)	Methane, Ethane, Ethene (RSK SOP 175)	Nitrate, Nitrite, Chloride, Sulfate (EPA9056/300.0)	Alkalinity (EPA 310.1)	Sulfide (EPA 376.2)	Ferrous Iron by (Hach 8146)
Groundwater Monitoring Program Wells													
First	M07A-01	Fill-BSU	3 - 9.5	X	X	X	X	X	X	X	X	X	X
	M07A-02	Fill-BSU	5 - 15.5	X	X	X	X	X	X	X	X	X	X
	M07A-03	Fill-BSU	7 - 15.5	X	X	X	X	X	X	X	X	X	X
	M07A-05	Fill-BSU	5.5 - 15	X	X	X	X	X	X	X	X	X	X
	M07A-07	Fill-BSU	3 - 10	X	X	X	X	X	X	X	X	X	X
	M07A-08	Fill-BSU	2.5 - 11	X	X	X	X	X	X	X	X	X	X
	M07A-09	Fill-BSU	2.5 - 11	X	X	X	X	X	X	X	X	X	X
	M07A-10	Fill-BSU	2.5 - 10.5			X	X						
	M07A-11	Fill-BSU	2.5 - 10.5			X	X						
Second	D07A-01	USA	58 - 68	X	X	X	X	X	X	X	X	X	X
	D07A-02	USA	50 - 60	X	X	X	X	X	X	X	X	X	X
	D07A-03	Merritt-USA	50 - 60	X	X	X	X	X	X	X	X	X	X

Notes:
- X — Well sampled for this parameter during Fall/Winter 2004 event.
- \- — Well not in analytical program.

Fill - Artificial Fill
BSU - Bay Sediment Unit
USA - Upper San Antonio Formation
Merritt - Merritt Sand

FT. BGS - Feet below ground surface
TPH - Total Petroleum Hydrocarbons
VOCs - Volatile Organic Compounds
(8260B) - U.S. Environmental Protection Agency analytical method
RSK 175 - R.S. Kerr Laboratory Standard Operating Procedure 175

Table 7-2
Summary of Groundwater Level Measurements at Installation Restoration Site 7
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M07A-01	10.6	10.13 *	11/11/04	3.11	7.02
		10.6	10.13 *	06/15/04	2.73	7.40
		10.6	10.13 *	03/01/04	NF	NC
		10.6	10.13 *	12/02/03	NF	NC
		10.6	10.13 *	09/15/03	NA	NC
		10.6	10.13 *	06/23/03	NA	NC
		10.6	10.13 *	04/07/03	2.26	7.87
		10.6	10.13 *	12/11/02	NM	NC
		10.6	10.13 *	09/10/02	3.22	6.91
		10.6	10.13 *	07/15/02	2.90	7.23
First	M07A-02	10.6	9.90 *	11/11/04	5.31	4.59
		10.6	9.90 *	06/15/04	4.40	5.50
		10.6	9.90 *	03/01/04	4.72	5.18
		10.6	9.90 *	12/02/03	4.31	5.59
		10.6	9.90 *	09/15/03	4.12	5.78
		10.6	9.90 *	06/23/03	4.46	5.44
		10.6	9.90 *	04/07/03	3.38	6.52
		10.6	9.90 *	12/11/02	3.74	6.16
		10.6	9.90 *	09/10/02	2.69	7.21
		10.6	9.90 *	06/21/02	4.32	5.58
First	M07A-03	10.3	9.88 *	11/11/04	6.70	3.18
		10.3	9.88 *	06/15/04	3.62	6.26
		10.3	9.88 *	03/01/04	5.02	4.86
		10.3	9.88 *	12/02/03	5.70	4.18
		10.3	9.88 *	09/15/03	4.23	5.65
		10.3	9.88 *	06/23/03	3.02	6.86
		10.3	9.88 *	04/07/03	3.16	6.72
		10.3	9.88 *	12/11/02	5.45	4.43
		10.3	9.88 *	09/10/02	3.15	6.73
		10.3	9.88 *	06/24/02	2.95	6.93
First	M07A-05	9.5	9.34	11/11/04	2.98	6.36
		9.5	9.34	06/15/04	3.35	5.99
		9.5	9.34	03/01/04	1.48	7.86
		9.5	9.34	12/02/03	4.23	5.11
		9.5	9.34	09/15/03	4.87	4.47
		9.5	9.34	06/23/03	3.50	5.84
		9.5	9.34	04/07/03	NA	NC
		9.5	9.34	12/11/02	3.82	5.52
		9.5	9.34	09/10/02	4.04	5.30
		9.5	9.34	06/24/02	3.20	6.14
First	M07A-07	9.9	9.70 *	11/11/04	3.77	5.93
		9.9	9.70 *	06/15/04	3.28	6.42
		9.9	9.70 *	03/01/04	3.76	5.94
		9.9	9.70 *	12/02/03	NF	NC
		9.9	9.70 *	09/15/03	4.40	5.30
		9.9	9.70 *	06/23/03	3.64	6.06
		9.9	9.70 *	04/07/03	2.43	7.27
		9.9	9.70 *	12/11/02	5.50	4.20

Table 7-2
Summary of Groundwater Level Measurements at Installation Restoration Site 7
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M07A-07	9.9	9.70 *	09/10/02	4.63	5.07
		9.9	9.70 *	06/21/02	3.41	6.29
First	M07A-08	7.8	7.55 *	11/11/04	0.04	7.51
		7.8	7.55 *	06/15/04	1.85	5.70
		7.8	7.55 *	03/01/04	0.24	7.31
		7.8	7.55 *	12/02/03	0.42	7.13
		7.8	7.55 *	09/15/03	3.21	4.34
		7.8	7.55 *	06/23/03	2.18	5.37
		7.8	7.55 *	04/07/03	1.29	6.26
		7.8	7.55 *	12/11/02	0.50	7.05
		7.8	7.55 *	09/10/02	2.61	4.94
		7.8	7.55 *	06/21/02	2.58	4.97
First	M07A-09	8.7	8.39 *	11/11/04	1.02	7.37
		8.7	8.39 *	06/15/04	2.35	6.04
		8.7	8.39 *	03/01/04	0.89	7.50
		8.7	8.39 *	12/02/03	0.85	7.54
		8.7	8.39 *	09/15/03	3.30	5.09
		8.7	8.39 *	06/23/03	4.00	4.39
		8.7	8.39 *	04/07/03	1.78	6.61
		8.7	8.39 *	12/11/02	1.25	7.14
		8.7	8.39 *	09/10/02	2.70	5.69
		8.7	8.39 *	06/21/02	2.77	5.62
First	M07A-10	8.13	8.13	11/11/04	1.12	7.01
		8.13	8.13	06/15/04	2.42	5.71
First	M07A-11	7.38	7.38	11/11/04	1.39	5.99
		7.38	7.38	06/15/04	2.19	5.19
Second	D07A-01	5.9	6.11 *	11/11/04	1.00	5.11
		5.9	6.11 *	06/15/04	0.79	5.32
		5.9	6.11 *	03/01/04	0.12	5.99
		5.9	6.11 *	12/02/03	1.43	4.68
		5.9	6.11 *	09/15/03	1.50	4.61
		5.9	6.11 *	06/23/03	1.23	4.88
		5.9	6.11 *	04/07/03	1.36	4.75
		5.9	6.11 *	12/18/02	1.33	4.78
		5.9	6.11 *	09/10/02	2.00	4.11
		5.9	6.11 *	07/03/02	1.80	4.31
Second	D07A-02	10.5	10.29 *	11/11/04	3.02	7.27
		10.5	10.29 *	06/15/04	2.83	7.46
		10.5	10.29 *	03/01/04	1.84	8.45
		10.5	10.29 *	12/02/03	3.31	6.98
		10.5	10.29 *	09/15/03	3.40	6.89
		10.5	10.29 *	06/23/03	3.12	7.17
		10.5	10.29 *	04/07/03	3.14	7.15
		10.5	10.29 *	12/11/02	3.58	6.71
		10.5	10.29 *	09/10/02	3.80	6.49
		10.5	10.29 *	07/08/02	3.56	6.73
Second	D07A-03	10.6	10.30 *	11/11/04	2.73	7.57
		10.6	10.30 *	06/15/04	3.13	7.17

Table 7-2
Summary of Groundwater Level Measurements at Installation Restoration Site 7
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
Second	D07A-03	10.6	10.30 *	03/01/04	1.62	8.68
		10.6	10.30 *	12/02/03	3.17	7.13
		10.6	10.30 *	09/15/03	3.30	7.00
		10.6	10.30 *	06/23/03	3.03	7.27
		10.6	10.30 *	04/07/03	3.16	7.14
		10.6	10.30 *	12/11/02	3.76	6.54
		10.6	10.30 *	09/10/02	3.90	6.40
		10.6	10.30 *	07/03/02	3.70	6.60

Notes:
BTOC = below top of casing
msl = mean sea level
NA = Monitoring well not accessible
NC = Groundwater elevation not calculated
NF = Monitoring well not found
NM = Water level not measured

* = Surveyed to NGVD 29 by Calvada Surveying in September 2002. Subsequently converted to NAVD 88 by Shaw Environmental, Inc. using the Corpscon software.

Table 7-3

Groundwater Sample Analytical Results at IR Site 7: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Innovative Technical Solutions, Inc.

Table 7-3

Groundwater Sample Analytical Results at IR Site 7: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds												Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M07A-01	2004 04 (Winter)	1,200	94.0	820	< 50.0	2,114	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 200	< 290	< 200	< 50.0	< 290	< 0.50 UJ	< 1.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 2.0	< 5.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M07A-02	2004 04 (Winter)	2,600	300	880	< 50.0	3,780	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 2.0 UJ	< 5.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280 UJ	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M07A-03	2004 04 (Winter)	2,600	370	640	< 50.0	3,610	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	42.0 J	< 50.0	250 J	< 50.0	292	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 290	< 190	< 50.0	< 290	< 0.50 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 2.0	< 5.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	190	< 280	280	< 50.0	470	< 0.50 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 2.0	< 5.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	300	< 280	130 J	< 50.0	430	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	1.0 J	< 0.50	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M07A-05	2004 04 (Winter)	1,300	230	500	< 50.0	2,030	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.2 J	1.4	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	0.20 J	1.8	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	130 J	< 280	130 J	< 50.0	260	< 0.50 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 2.0 UJ	0.74 J	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	160 J	< 290	< 200	< 50.0	160	0.28 J	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	0.96 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	1.7	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 UJ	2.5 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M07A-07	2004 04 (Winter)	14,000	2,400	1,900	< 50.0	18,300	0.40 J	< 0.50	0.60	0.40 J	0.30 J	9.9	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	210	100	< 300	< 50.0	310	0.20 J	< 0.50	0.50 J	0.30 J	0.20 J	5.9	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	750	< 280	270	< 50.0	1,020	0.22 J	< 1.0 UJ	0.57 J	0.49 J	0.35 J	4.1	< 5.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 280	< 190	< 50.0	< 280	0.30 J	< 1.0	0.47 J	0.34 J	0.29 J	6.4	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	220	< 290	< 190	< 50.0	220	< 0.50	< 1.0	0.40 J	< 1.0	0.26 J	4.3	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	310	130	130 J	< 50.0	570	0.20 J	< 0.50	0.40 J	0.20 J	0.40 J	4.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	170	94.0	170 J	< 50.0	434	< 0.50 J	0.30 J	0.40 J	0.30 J	< 0.50	5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	230	70.0	130 J	< 50.0	430	0.40 J	0.10 J	0.40 J	0.30 J	0.20 J	< 4.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	0.20 J	< 0.50	< 0.60	< 0.50	< 0.50	5.3 J	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50	< 0.50	< 0.50
	M07A-08	2004 04 (Winter)	770	67.0	700	< 50.0	1,537	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	3.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	9.8	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	12.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50

Table 7-3
Groundwater Sample Analytical Results at IR Site 7: Total Petroleum Hydrocarbons and Volatile Organic Compounds
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M07A-08	2003 04 (Winter)	< 190	< 280	**140 J**	< 50.0	**320**	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**53.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**13.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**4.8 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	**1.4**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	**2.8**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	**31.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 UJ	**15.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M07A-09	2004 04 (Winter)	**820**	**57.0**	**530**	< 50.0	**1,407**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	**6.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	**3.6**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**30.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	**23.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**0.65 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	**120 J**	< 280	< 190	< 50.0	**120**	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	**4.0**	< 0.50	**1.8**	< 0.50	**0.30 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	**0.90**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	**35.0 J**	< 50.0	< 300	< 50.0	**35.0**	< 0.50	**0.40 J**	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	**370**	**67.0**	**450**	< 50.0	**887**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 2.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M07A-10	2004 04 (Winter)	-	-	-	-	-	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 6.7	**190**	**0.40 J**	**0.90 J**	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	**1.0**	**1.0**	**1.9**	< 0.50	**0.30 J**	< 0.50	< 0.50	< 0.50	**0.20 J**	< 0.50	**0.30 J**	< 0.50	< 0.50	< 0.50
	M07A-11	2004 04 (Winter)	-	-	-	-	-	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 6.7	**22.0**	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	**42.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
SWBZ	D07A-01	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	**0.80**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	**1.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 290	**240**	< 50.0	**240**	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	**2.5 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 290 UJ	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**2.9 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	**4.4**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	**5.4**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	D07A-02	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 290 UJ	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50
	D07A-03	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 2.0	< 5.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280 UJ	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Table 7-3

Groundwater Sample Analytical Results at IR Site 7: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	**NA**	**NA**	**NA**	**NA**	**NA**	**1.0**	**150**	**300**	**1,750**	**1,750**	**NA**	**13.0**	**70.0**	**600**	**NA**	**5.0**	**5.0**	**5.0**	**6.0**	**6.0**	**10.0**	**5.0**	**0.50**	**200**	**0.50**
		BV:	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
Well Number	**Event**	**AWQC:**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
WB D07A-03	2002 02 (Summer)		< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Table 7-4

Groundwater Sample Analytical Results at IR Site 7: Polycyclic Aromatic Hydrocarbons

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

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Table 7-4
Groundwater Sample Analytical Results at IR Site 7: Polycyclic Aromatic Hydrocarbons
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			PAHs															
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ																		
M07A-01	2004 04 (Winter)		< 1.0	< 1.0	< 1.0	< 1.0	< 0.20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.12 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
M07A-02	2004 04 (Winter)		< 1.0	< 1.0	< 1.0	< 1.0	< 0.20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.093 J**	< 1.0	< 1.0	< 1.0	< 1.0	**0.88 J**
M07A-03	2004 04 (Winter)		< 1.0	< 1.0	< 1.0	< 1.0	< 0.20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.83 J**
M07A-05	2004 04 (Winter)		< 1.0	< 1.0	**0.084 J**	< 1.0	< 0.20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.23 J**	< 1.0	< 1.0	< 1.0	< 1.0	**1.1**
M07A-07	2004 04 (Winter)		< 1.0	< 1.0	**0.65 J**	< 1.0	< 0.20	< 1.0	< 1.0	< 1.0	**0.12 J**	< 1.0	< 1.0	< 1.0	< 1.0	**5.4**	**0.95 J**	**2.0**
M07A-08	2004 04 (Winter)		< 1.0	< 1.0	< 1.0	< 1.0	< 0.20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.77 J**
M07A-09	2004 04 (Winter)		< 1.0	< 1.0	< 1.0	< 1.0	< 0.20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
M07A-10	2004 04 (Winter)		< 1.0	< 1.0	**0.067 J**	< 1.0	< 0.20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
M07A-11	2004 04 (Winter)		< 1.0	< 1.0	< 1.0	< 1.0	< 0.20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SWBZ																		
D07A-01	2004 04 (Winter)		< 1.0	< 1.0	< 1.0	< 1.0	< 0.20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
D07A-02	2004 04 (Winter)		< 1.0	< 1.0	< 1.0	< 1.0	< 0.20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
D07A-03	2004 04 (Winter)		< 1.0	< 1.0	< 1.0	< 1.0	< 0.20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Table 7-5

Groundwater Sample Analytical Results at IR Site 7: Dissolved Metals

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

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Table 7-5
Groundwater Sample Analytical Results at IR Site 7: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																		Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M07A-01	2004 04 (Winter)		0.37 J	6.6	550	0.90 J	< 5.0	< 10.0	0.98 J	< 10.0	< 3.0	2,000	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 5.0	11.0	< 20.0	< 100	13,000	100	25.0	100	41.0
	2004 02 (Summer)		3.0	12.0	520	< 1.0	< 5.0	2.5 J	1.2	1.9	0.17 J	1,900	< 0.20	1.2 J	12.0	< 5.0	< 1.0	< 5.0	6.8 J	< 1.0	< 50.0	17,000	370	450	110	3,800
	2004 01 (Spring)		< 5.0	8.1 J	446	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	1,870 J	< 1.0	< 50.0	10.4 J	< 20.0	< 10.0	< 10.0	6.1 J	118	< 200	15,400 J	310 J	364	96.0	2,830
	2002 02 (Summer)		0.20 J	< 5.0	630	< 2.0	< 5.0	< 10.0	1.2 J	< 10.0	< 3.0	2,200	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 2.0	6.8 J	< 20.0	5.1 J	16,000	360	420	110	3,300
M07A-02	2004 04 (Winter)		0.47 J	3.3 J	200	< 2.0	< 5.0	17.0	3.6	< 10.0	< 3.0	< 10.0	< 0.20	1.3 J	1.9 J	< 5.0	< 5.0	< 5.0	17.0	8.8 J	< 100	< 100	450	1,300	350	< 100
	2004 02 (Summer)		0.42 J	< 15.0	570	0.38 J	< 5.0	6.5 J	4.6	< 10.0	0.34 J	450	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 1.0	9.4 J	28.0	< 50.0	4,400	590	1,300	290	9,600
	2003 04 (Winter)		< 5.0 UJ	< 50.0	323	< 4.0	< 5.0	6.1 J	< 10.0	< 10.0	< 10.0 UJ	161	-	< 50.0	< 20.0	< 20.0	< 10.0	-	18.2 J	< 20.0	< 200	36.9 J	395	1,160	398	9,100
	2003 02 (Summer)		< 50.0	< 50.0	557	< 4.0	< 5.0	12.5	2.2 J	< 10.0	< 10.0	313	< 0.40	< 50.0	2.5 J	< 20.0	< 10.0	< 100	14.9 J	< 20.0	< 200	719	635	1,540	374	10,000 J
	2002 04 (Winter)		0.31 J	-	610	< 2.0	< 50.0 UJ	9.2 J	4.2 J	2.9 J	0.26 J	520	< 0.20	< 200	9.8 J	< 5.0	< 50.0	< 2.0	13.0 J	< 20.0	< 100	2,200	520	1,100	260	9,400
	2002 02 (Summer)		0.39 J	< 5.0	510	< 2.0	< 5.0	18.0	4.2 J	7.8 J	< 3.0	760	< 0.20	< 20.0	9.6 J	< 5.0	< 5.0	< 2.0	14.0	< 20.0	< 100	13,000	500	1,100	210	8,100
M07A-03	2004 04 (Winter)		< 1.0	< 1,000	400	< 400	< 1,000	< 2,000	4.2	< 2,000	< 600	320 J	< 0.20	< 4,000	< 4,000	< 1,000	< 1,000	< 1,000	< 2,000	< 4,000	< 20,000	< 20,000	340 J	940	280	7,200
	2004 02 (Summer)		2.5	< 8.4	420	0.54 J	< 5.0	5.1 J	4.3	< 10.0	0.13 J	870	< 0.20	< 20.0	3.0 J	< 5.0	1.4 J	< 1.0	11.0	25.0	< 50.0	12,000	390	1,200	280	9,300
	2003 04 (Winter)		< 5.0	< 50.0	344	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	300	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 25.0	16.1 J	< 20.0	< 200	45.9 J	314	999	383	9,150
	2003 02 (Summer)		< 50.0	< 50.0	413	< 4.0	< 5.0	8.4 J	3.7 J	< 10.0	< 10.0	448	< 0.40 UJ	< 50.0	2.8 J	< 20.0	< 10.0	< 100	12.8 J	< 20.0	< 200	623	415	1,220	302 J	8,300
	2002 04 (Winter)		0.46 J	< 5.0	410	0.024 J	< 5.0	8.7 J	4.0 J	9.1 J	< 3.0	560	< 0.20	< 20.0	11.0 J	< 5.0	< 5.0	< 2.0	15.0	< 20.0	< 100	12,000	330	990	270	7,900
	2002 02 (Summer)		0.22 J	< 5.0	390 J	< 2.0	< 5.0	21.0	3.8 J	3.9 J	0.038 J	470	< 0.20	< 20.0	5.1 J	< 5.0	1.6 J	< 2.0	22.0	< 20.0	7.0 J	4,100	400	1,200	260	9,200
M07A-05	2004 04 (Winter)		0.41 J	< 1,000	300	< 400	< 1,000	< 2,000	3.2	< 2,000	< 600	< 2,000	< 0.20	< 4,000	< 4,000	< 1,000	< 1,000	< 1,000	< 2,000	< 4,000	< 20,000	< 20,000	490 J	1,300	400	9,700
	2004 02 (Summer)		0.73 J	< 1.0	590	< 1.0	< 1.0	14.0	3.4	7.6	0.46 J	280	0.13 J	< 20.0	9.5	< 5.0	< 1.0	0.32 J	13.0	< 1.0	2.5 J	930 J	400	1,200	280	10,000
	2003 04 (Winter)		< 25.0 UJ	< 50.0	277	< 4.0	< 5.0	7.7 J	< 10.0	< 10.0	< 10.0 UJ	13.4	0.24 J	< 50.0	< 20.0	5.6 J	< 10.0	-	22.3 J	< 20.0	< 200	< 100	442	1,850	586	14,400
	2003 02 (Summer)		< 50.0	19.8 J	394	< 4.0	1.0 J	4.1 J	2.3 J	< 10.0	< 10.0	424 J	< 0.40	< 50.0	11.9 J	< 20.0	< 10.0	< 100	7.7 J	< 20.0	< 200	19,000	392 J	1,270 J	269 J	8,660 J
	2002 04 (Winter)		0.42 J	-	730	< 2.0	< 50.0 UJ	10.0	3.3 J	4.4 J	0.18 J	170	< 0.20	< 200	17.0 J	< 5.0	< 50.0	< 2.0	14.0 J	< 20.0	48.0 J	1,700	470	1,500	310	13,000
	2002 02 (Summer)		0.45 J	< 5.0	280 J	< 2.0	< 5.0	21.0	3.3 J	5.2 J	0.11 J	51.0	< 0.20	0.58 J	6.6 J	< 5.0	0.29 J	0.27 J	31.0	< 20.0	7.2 J	1,200	450	1,400	310	12,000
M07A-07	2004 04 (Winter)		0.56 J	24.0	1,100	< 2.0	1.3 J	3.3 J	4.0	< 10.0	< 3.0	920	< 0.20	< 20.0	7.6 J	< 5.0	< 5.0	< 5.0	3.6 J	12.0 J	< 100	32,000	230	850	200	7,500
	2004 02 (Summer)		2.6	31.0	1,100	< 2.0	< 5.0	3.9 J	4.0	< 10.0	0.56 J	1,100	< 0.20	< 20.0	8.5 J	< 5.0	2.3 J	0.80 J	5.8 J	17.0 J	< 50.0	28,000	58.0	200	250	1,800
	2003 02 (Summer)		< 50.0	23.8 J	1,360	< 4.0	2.2 J	2.2 J	3.4 J	1.6 J	< 10.0	854	< 0.40	< 50.0	8.8 J	< 20.0	< 10.0	< 100	3.3 J	< 20.0	< 200	42,900	259 J	991	209	7,560 J
	2002 04 (Winter)		0.38 J	-	< 830	< 2.0	< 100 UJ	3.1 J	3.9 J	6.7 J	0.87 J	950	< 0.20	< 400	12.0 J	< 5.0	< 100	< 2.0	1.0 J	< 20.0	85.0 J	28,000 J	250	870	200	7,600
	2002 02 (Summer)		0.52 J	< 5.0	630	< 2.0	< 5.0	8.9 J	3.8 J	4.0 J	1.7 J	860	< 0.20	< 20.0	9.2 J	< 5.0	< 5.0	< 2.0	3.0 J	< 20.0	5.3 J	1,800	210	780	170	6,600
M07A-08	2004 04 (Winter)		0.22 J	< 5.0	140	< 2.0	< 5.0	< 10.0	0.72 J	< 10.0	< 3.0	1,500	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 5.0	< 10.0	< 20.0	< 100	2,100	200	240	58.0	1,900
	2004 02 (Summer)		0.23 J	5.4	89.0	< 1.0	< 5.0	0.77 J	0.35 J	5.5	0.21 J	630	0.061 J	3.1 J	2.8	< 5.0	< 1.0	< 5.0	2.5 J	16.0	2.0 J	700	86.0	93.0	40.0	1,300
	2003 04 (Winter)		< 5.0 UJ	< 50.0	138	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0 UJ	1,280	-	< 50.0	< 20.0	< 20.0	< 10.0	-	< 50.0	< 20.0	< 200	1,630	157	166	50.7	1,430
	2003 02 (Summer)		< 50.0	< 50.0	376	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	2,520	< 0.40 UJ	< 50.0	2.8 J	< 20.0	< 10.0	< 100	< 50.0	< 20.0	< 200	4,700	267	299	64.7 J	2,020
	2002 04 (Winter)		< 50.0	-	< 240	< 2.0	< 50.0 UJ	0.84 J	2.1 J	3.2 J	0.11 J	5,400	< 0.20	< 200	7.0 J	< 5.0	< 50.0	< 2.0	< 10.0 UJ	7.0 J	< 100	7,800	560	590	120	3,700
	2002 02 (Summer)		< 50.0	< 5.0	330	< 2.0	< 5.0	1.4 J	0.39 J	1.5 J	< 3.0	1,900	< 0.20	< 20.0	3.3 J	< 5.0	< 5.0	< 2.0	1.6 J	< 20.0	12.0 J	7,100	190	210	55.0	1,600
M07A-09	2004 04 (Winter)		0.71 J	< 5.0	130	< 2.0	< 5.0	< 10.0	0.93 J	3.6 J	< 3.0	190	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 5.0	< 10.0	< 20.0	< 100	1,400	280	390	87.0	2,800
	2004 02 (Summer)		0.92 J	< 5.0	48.0	< 1.0	< 5.0	0.76 J	0.58 J	11.0	2.0	260	0.053 J	3.3 J	5.2	< 5.0	< 1.0	< 5.0	2.5 J	10.0	4.7 J	1,700	81.0	1,400	45.0	1,400
	2003 04 (Winter)		< 5.0 UJ	< 50.0	65.2 J	< 4.0	< 5.0	< 10.0	< 10.0	10.3	< 10.0 UJ	250	-	< 50.0	< 20.0	< 20.0	< 10.0	-	6.3 J	< 20.0	< 200	2,020	136	180	50.0	1,500
	2003 02 (Summer)		14.9 J	41.2 J	353	< 4.0	1.1 J	5.5 J	3.7 J	< 10.0	< 10.0	1,010 J	< 0.40	5.2 J	< 20.0	< 20.0	< 10.0	< 100	29.5 J	< 20.0	< 200	21,400	503 J	1,400 J	360 J	8,960 J
	2002 04 (Winter)		0.51 J	-	< 250	< 2.0	< 130 UJ	2.5 J	1.3 J	4.3 J	0.30 J	490	< 0.20	< 500 UJ	6.4 J	< 5.0	< 130	< 2.0	1.5 J	< 20.0	26.0 J	4,900	300	480	120	3,600

FWBZ

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Table 7-5
Groundwater Sample Analytical Results at IR Site 7: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																		Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WB	M07A-09	2002 02 (Summer)	1.6 J	< 5.0	360	< 2.0	0.21 J	19.0	3.3 J	14.0	4.5	1,100	< 0.20	< 20.0	13.0 J	< 5.0	1.8 J	< 2.0	19.0	< 20.0	1,300	19,000	360	970	270	7,600
	D07A-01	2004 04 (Winter)	0.14 J	< 5.0	290	< 2.0	< 5.0	< 10.0	1.2	< 10.0	< 3.0	7,800	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	4.3 J	< 10.0	< 20.0	< 100	9,100	910	1,100	46.0	3,500
		2004 02 (Summer)	0.21 J	< 5.0	280	< 2.0	< 5.0	0.78 J	1.1	< 10.0	0.097 J	8,600	< 0.20	< 20.0	0.84 J	< 5.0	< 5.0	< 1.0	< 10.0	9.0 J	< 50.0	9,100	960	1,100	46.0	3,900
		2003 04 (Winter)	< 5.0	< 50.0	382	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	6,860 J	< 0.40	< 50.0	< 20.0	5.9 J	< 10.0	< 25.0 UJ	< 50.0	< 20.0	< 200	8,170	750	957	63.4	3,740
		2003 02 (Summer)	< 50.0	< 50.0	557	< 4.0	< 5.0	< 10.0	< 10.0	1.7 J	< 10.0	8,960	< 0.40	< 50.0	1.4 J	< 20.0	< 10.0	< 100	< 50.0	< 20.0	< 200	10,700	1,050	1,240	96.8	3,860 J
		2002 04 (Winter)	< 50.0	-	610	< 2.0	< 50.0 UJ	1.2 J	1.5 J	3.0 J	0.17 J	7,800	< 0.20	< 200	8.6 J	< 5.0	< 50.0	< 2.0	< 10.0 UJ	< 20.0	< 100	11,000	840	1,000	62.0	3,700
		2002 02 (Summer)	0.093 J	< 5.0	880	< 2.0	< 5.0	14.0 J	1.4 J	4.2 J	< 3.0 UJ	8,000	< 0.20	1.2 J	10.0 J	-	< 5.0	< 2.0	3.4 J	< 20.0	17.0 J	9,300	940	1,100	63.0	4,200
SWBZ	D07A-02	2004 04 (Winter)	< 1.0	< 500	2,000	< 200	< 500	< 1,000	9.0	< 1,000	< 300	7,400	< 0.20	< 2,000	< 2,000	< 500	< 500	< 500	< 1,000	< 2,000	< 10,000	17,000	750 J	1,100	38.0	4,000
		2004 02 (Summer)	0.15 J	< 1.0	1,900	< 1.0	< 5.0	1.0	9.2	6.9	0.26 J	7,100	0.053 J	< 20.0	19.0	< 1.0	< 5.0	< 1.0	0.85 J	< 1.0	< 50.0	16,000	770	1,200	40.0	4,500
		2003 04 (Winter)	< 5.0	22.7 J	1,620	< 4.0	< 5.0	< 10.0	7.5 J	< 10.0	< 10.0	6,010 J	< 0.40	< 50.0	16.4 J	< 20.0	< 10.0	< 25.0 UJ	< 50.0	< 20.0	< 200	14,000	627	1,050	43.7	4,640
		2003 02 (Summer)	18.1 J	29.0 J	2,100	< 4.0	0.89 J	< 10.0	7.1 J	1.4 J	< 10.0	7,440	< 0.40	< 50.0	9.3 J	< 20.0	< 10.0	< 100	< 50.0	< 20.0	< 200	17,500	839	1,290	63.1	449 J
		2002 04 (Winter)	< 50.0	-	1,900	< 2.0	< 50.0 UJ	0.83 J	7.5 J	2.5 J	0.068 J	7,000	< 0.20	< 200	17.0 J	< 5.0	< 50.0	< 2.0	< 10.0 UJ	< 20.0	< 100	17,000	710	1,100	34.0	4,300
		2002 02 (Summer)	< 50.0	29.0	1,600	< 2.0	< 5.0	22.0	6.6 J	8.3 J	< 3.0	6,600	< 0.20	< 20.0	< 30.0	48.0 J	< 5.0	< 2.0	8.0 J	< 20.0	< 100	14,000	720	1,100	33.0	4,300
	D07A-03	2004 04 (Winter)	0.23 J	13.0	100	< 2.0	0.55 J	2.6 J	2.4	< 10.0	< 3.0	6,600	< 0.20	2.6 J	3.6 J	< 5.0	< 5.0	6.3	3.1 J	< 20.0	< 100	3,200	680	1,100	35.0	4,600
		2004 02 (Summer)	0.23 J	< 16.0	110	< 2.0	< 5.0	0.80 J	3.1	< 10.0	0.66 J	8,000	< 0.20	< 20.0	4.2 J	< 5.0	< 5.0	< 1.0	< 10.0	25.0	< 50.0	3,800	800	1,300	37.0	5,600
		2003 04 (Winter)	< 5.0 UJ	< 50.0	98.6 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0 UJ	6,980	-	< 50.0	< 20.0	< 20.0	< 10.0	-	< 50.0	< 20.0	< 200	4,060	758	1,310	42.7	5,240
		2003 02 (Summer)	< 50.0	7.6 J	130	< 4.0	< 5.0	< 10.0	< 10.0	3.5 J	< 10.0	8,820	< 0.40	< 50.0	6.5 J	< 20.0	< 10.0	< 100	< 50.0	< 20.0	< 200	5,210	764	1,290	56.7	4,550 J
		2002 04 (Winter)	< 50.0	-	< 250	< 2.0	< 130 UJ	0.91 J	3.1 J	2.1 J	0.088 J	7,400	< 0.20	< 500	10.0 J	< 5.0	< 130	< 2.0	1.5 J	< 20.0	< 100	5,200	670	1,200	30.0	4,800
		2002 02 (Summer)	0.089 J	< 5.0	120	< 2.0	0.10 J	8.6 J	4.6 J	5.9 J	< 3.0 UJ	7,800	< 0.20	0.86 J	13.0 J	-	< 5.0	< 2.0 UJ	3.4 J	< 20.0	4.4 J	8,500	720	1,200	32.0	4,600

Table 7-6
Groundwater Sampling Field Parameters at Installation Restoration Site 7
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	M07A-01	12/03/04	6.93	0.18	-55
		07/01/04	6.42	0.14	-91
		03/10/04	6.69	0.32	-195
		07/15/02	6.66	***-0.61***	-136
First	M07A-02	11/29/04	6.60	0.07	-240
		06/30/04	6.62	0.19	-319
		12/11/03	6.56	0.15	-276
		06/27/03	6.74	0.14	-193
		12/18/02	6.08	***29.69***	-244
		06/21/02	6.77	1.00	-127
First	M07A-03	11/30/04	6.78	0.13	-210
		06/30/04	6.55	0.19	-345
		03/05/04	6.66	0.41	-168
		12/10/03	6.52	0.17	-163
		09/23/03	6.62	0.24	-220
		06/30/03	6.63	0.17	-224
		04/10/03	6.68	0.06	-200
		12/24/02	NM	NM	0.0
		09/18/02	6.53	0.60	-131.3
		06/24/02	6.78	1.30	-143
First	M07A-05	11/30/04	6.72	0.11	-298
		07/02/04	6.51	0.22	-230
		12/11/03	6.53	0.18	-264
		06/30/03	6.88	0.12	-327
		12/18/02	***10.82***	1.90	-334
		06/24/02	6.83	0.70	-165
First	M07A-07	11/30/04	6.89	0.15	-103
		06/30/04	6.59	0.19	-344
		03/05/04	6.65	0.24	-108
		09/23/03	6.54	0.40	-294
		06/27/03	6.82	0.21	-124
		04/09/03	6.71	0.20	-52
		12/18/02	6.02	3.36	-176.7
		09/12/02	6.74	0.50	-156.2
		06/21/02	6.78	1.60	-127
First	M07A-08	12/01/04	6.89	0.16	-192
		07/01/04	6.79	0.30	-190
		03/05/04	7.06	0.15	-138
		12/11/03	6.63	0.35	28
		09/23/03	6.62	0.13	-177
		06/30/03	6.86	0.22	-251
		04/09/03	6.90	2.50	-113
		12/18/02	***6.00***	***9.37***	-209
		09/11/02	NM	NM	NM
		06/21/02	6.57	***15.51***	-111.8
First	M07A-09	12/01/04	6.73	0.19	163
		07/01/04	6.61	0.14	-152

Table 7-6
Groundwater Sampling Field Parameters at Installation Restoration Site 7
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	M07A-09	03/05/04	7.02	0.22	-115
		12/11/03	6.75	0.30	75
		09/23/03	***9.71***	0.36	-109
		06/30/03	6.96	0.61	***-1190.61***
		04/10/03	6.89	0.14	-120
		12/18/02	6.12	5.49	-151.8
		09/11/02	NM	NM	NM
		06/21/02	6.69	1.50	-131.2
First	M07A-10	11/30/04	6.98	0.09	-81
		07/01/04	6.51	0.21	-6.0
First	M07A-11	12/01/04	6.70	0.15	39
		07/01/04	6.47	0.08	-11
Second	D07A-01	12/01/04	6.58	0.14	146
		06/30/04	6.57	0.96	-96
		12/09/03	6.75	2.27	21
		06/27/03	6.36	0.16	-293
		12/18/02	***9.33***	0.00	-204
		07/03/02	***5.99***	1.60	-57
Second	D07A-02	11/30/04	6.60	0.16	22
		06/29/04	6.38	0.15	-288
		12/09/03	6.53	0.29	11
		06/27/03	6.44	0.14	-301
		12/18/02	***8.62***	0.00	***-1290***
		07/08/02	6.28	***-0.01***	-84
Second	D07A-03	11/29/04	6.64	0.11	62
		06/30/04	6.73	0.15	-345
		12/11/03	6.66	0.20	59
		06/27/03	6.62	0.11	-284
		12/18/02	6.32	3.26	-62.1
		07/03/02	***5.80***	1.30	-58

Notes:

Field parameters are measured during well purging, just prior to collection of the groundwater sample.

mg/L = milligrams per liter

ORP = oxidation-reduction potential

mV = millivolts

NM = not measured

Italicized results are outside expected range for parameter. Natural groundwater has the following expected ranges:

pH: between 6 and 8.5 standard units

DO: below approximately 9 mg/L

ORP: between approximately 600 and -400 mV

Table 7-7

Groundwater Sample Analytical Results at IR Site 7: Natural Attenuation Parameters

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Innovative Technical Solutions, Inc.

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Groundwater Sample Analytical Results at IR Site 7: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M07A-01	2004 04 (Winter)	< 0.0050	< 0.0050	15.0	< 0.50	< 0.50	4,700	94.0	1,400	1,400	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	8.4	< 0.50	< 0.50	5,400	77.0	1,900	1,900	< 1.0	< 1.0	0.050
		2002 02 (Summer)	< 0.010	< 0.010	4.8	< 0.50	< 0.50	5,600	290	2,000	2,000	< 1.0	< 1.0	0.12
	M07A-02	2004 04 (Winter)	< 0.0050	< 0.0050	12.0	< 1.3	< 2.5	20,000	4.0 J	4,300	4,300	< 1.0	< 1.0	46.0
		2004 02 (Summer)	< 0.010 J	< 0.010 J	3.9 J	< 1.3	< 2.5	16,000	< 13.0	3,300	3,300	< 1.0	< 1.0	6.9
		2003 04 (Winter)	< 0.0030	< 0.0030	2.3	15.1 J	-	15,900	25.5	3,010	3,010	< 5.0	-	50.2
		2003 02 (Summer)	< 0.0030	< 0.0030	4.3	< 1.0	-	21,500	< 5.0	3,220	-	-	-	25.6
		2002 04 (Winter)	< 0.010	< 0.010	4.0	< 1.3	< 2.5	16,000	46.0	3,200	3,200	< 1.0	< 1.0	15.0
		2002 02 (Summer)	< 0.010	< 0.010	8.3	< 0.50	< 1.0	15,000	85.0	3,200	3,200	< 1.0	< 1.0	< 0.040
	M07A-03	2004 04 (Winter)	< 0.0050	< 0.0050	11.0 J	< 1.3	< 2.5	17,000	2.1 J	1,500	1,500	< 1.0	< 1.0	9.6
		2004 02 (Summer)	< 0.010	< 0.010	7.4	< 1.3	< 2.5	15,000	14.0	2,300	2,300	< 1.0	< 1.0	0.98
		2003 04 (Winter)	< 0.0030	< 0.0030	3.4	< 1.0	< 1.0	15,300	3.8 J	2,750	2,750	< 5.0	-	14.9
		2003 02 (Summer)	< 0.0030	< 0.0030	4.0	< 1.0	< 1.0	17,400	4.5 J	2,340	-	-	-	12.2
		2002 04 (Winter)	< 0.010	< 0.010	11.0	< 2.5	< 2.5	16,000	64.0	2,400	2,400	< 1.0	< 1.0	1.8
		2002 02 (Summer)	< 0.010	< 0.010	6.7	< 0.50	< 0.50	15,000	83.0	2,200	2,200	< 1.0	< 1.0	0.77
	M07A-05	2004 04 (Winter)	< 0.0050	< 0.0050	12.0 J	< 1.3	< 2.5	23,000	5.6 J	4,100	4,100	< 1.0	< 1.0	39.0
		2004 02 (Summer)	< 0.010	< 0.010	11.0	< 1.3	< 2.5	17,000	33.0	2,900	2,900	< 1.0	< 1.0	15.0
		2003 04 (Winter)	< 0.0030	< 0.0030	2.2	22.6 J	-	23,800	103	4,200	4,200	< 5.0	-	109
		2003 02 (Summer)	< 0.0030	< 0.0030	2.9	< 1.0	< 50.0 UJ	19,600	-	2,500	-	-	-	6.4
		2002 04 (Winter)	< 0.010	< 0.010	8.8	< 1.3	< 2.5	19,000	70.0	3,200	3,200	< 1.0	< 1.0	7.7
		2002 02 (Summer)	< 0.010	< 0.010	5.9	< 0.50	< 0.50	17,000	83.0	2,500	2,500	< 1.0	< 1.0	2.9
	M07A-07	2004 04 (Winter)	< 0.0050	< 0.0050	12.0 J	< 1.0	< 1.3	15,000	< 10.0	2,100	2,100	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	6.4	< 1.3	< 2.5	15,000	< 13.0	2,200	2,200	< 1.0	< 1.0	< 0.040

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Groundwater Sample Analytical Results at IR Site 7: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event / AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M07A-07	2003 02 (Summer)	< 0.0030	< 0.0030	2.5	< 1.0	< 500 UJ	26,600	< 5.0	2,090	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	7.6	< 1.3	< 1.3	13,000	< 13.0	2,000	2,000	< 1.0	< 1.0	0.050
		2002 02 (Summer)	< 0.010	< 0.010	11.0	< 0.50	< 0.50	13,000	5.8	2,200	2,200	< 1.0	< 1.0	< 0.040
	M07A-08	2004 04 (Winter)	< 0.0050	< 0.0050	3.3	< 0.25	< 0.50	3,600	310	460	460	< 1.0	< 1.0	1.5 J
		2004 02 (Summer)	< 0.010	< 0.010	3.7	< 0.10	< 0.25	1,700	130	430	430	< 1.0	< 1.0	1.7
		2003 04 (Winter)	< 0.0030	< 0.0030	0.37	2.1 J	-	1,920	233	309	309	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.82	< 1.0	< 1.0	4,150	173	670	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	1.4	< 0.50	< 0.50	6,000	760	290	290	< 1.0	< 1.0	0.070
		2002 02 (Summer)	< 0.010	< 0.010	1.9	< 0.25	< 0.25	3,100	140	610	610	< 1.0	< 1.0	< 0.040
	M07A-09	2004 04 (Winter)	< 0.0050	< 0.0050	7.3	0.25 J	< 0.50	5,300	320	650	650	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	6.4	< 0.25	< 0.25	2,100	150	460	460	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	1.7	1.2 J	-	2,100	281	361	361	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	2.4	< 1.0	< 50.0 UJ	14,200	67.1	2,800	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	7.3	< 0.50	< 0.50	5,200	530	540	540	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	11.0	< 0.50	< 0.50	14,000	22.0	3,100	3,100	< 1.0	< 1.0	< 0.040
SWBZ	D07A-01	2004 04 (Winter)	< 0.0050	< 0.0050	0.19 J	< 1.0	< 1.0	9,600	960	620	620	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	0.086	< 0.50	< 1.3	8,800	930	610	610	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.14	< 1.0	-	8,660	996	831	831	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.31	< 1.0	-	9,370	880	749	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	0.44	< 0.50	< 1.3	8,900	740	890	890	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	2.4	< 0.50	< 0.50	9,100	620	900	900	< 1.0	< 1.0	< 0.040
	D07A-02	2004 04 (Winter)	< 0.0050	< 0.0050	0.0050 J	< 1.0	< 1.3	11,000	160	1,200	1,200	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	< 0.010	< 1.3	< 1.3	11,000	150	1,200	1,200	< 1.0	< 1.0	< 0.040

T[illegible]7-7

Groundwater Sample Analytical Results at IR Site 7: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWBZ	D07A-02	2003 04 (Winter)	< 0.0030	< 0.0030	0.0037	8.0	-	11,200	166	811	811	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.0020 J	< 1.0	-	17,700	141	1,200	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	< 0.010	< 0.50	< 1.3	11,000	150	1,200	1,200	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	0.017	< 0.50	< 0.50	11,000	160	1,200	1,200	< 1.0	< 1.0	< 0.040
	D07A-03	2004 04 (Winter)	< 0.0050	< 0.0050	0.013	< 1.0	< 1.3	11,000	870	850	850	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	0.010	< 1.3	< 1.3	11,000	830	800	800	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.0079	9.7 J	-	9,610	872	850	850	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.0060	< 1.0	-	11,400	752	749	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	0.011	< 1.0	< 1.0	11,000	790	900	900	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	< 0.50	< 0.50	12,000	760	890	890	< 1.0	< 1.0	< 0.040

General Table Footnotes
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Acronyms and abbreviations
AWQC: Saltwater Ambient Water Quality Criteria, (U.S. EPA, 2002)
BV: Background value (Tetra Tech Environmental Management, Inc., November, 2001)
FWBZ: First Water-Bearing Zone
IR Site: Installation Restoration Site
MCL: California maximum contaminant level (U.S. EPA and California Department of Health Services, June 2003)
MTBE: Methyl tert-butyl ether
NA: Not available (applicable to regulatory limits or background values)
PAH: Polycyclic Aromatic Hydrocarbons
PCE: Tetrachloroethene
Ra: Radium
SO_4: Sulfate
Sr: Strontium
SVOC: Semivolatile Organic Compounds
SWBZ: Second Water-Bearing Zone
TCE: Trichloroethene
TDS: Total Dissolved Solids
TPH: Total Petroleum Hydrocarbons
VOC: Volatile Organic Compounds
-: compound not analyzed

Units
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: pico curies per liter
PPBV: parts per billion by volume

Validation Qualifiers
J: Estimated value.
U: Not detected at or above the indicated reporting limit.
UJ: Not detected at or above the indicated reporting limit. The reporting limit is an estimate.
R: The analyte is rejected due to deficiencies in the ability to analyze the sample and meet QC criteria.
UR: The analyte was not detected. The analyte is rejected due to deficiencies in the ability to analyze the sample and meet QC criteria.

Notes
Detected values are bolded.
Detected values greater than the MCL are shown in yellow highlighting
Detected values greater than the BV are shown in blue highlighting
Detected values greater than the both the BV and the MCL are shown in pink highlighting
Total TPH (calculated) is the sum of all reported TPH results. Where all TPH results are less than reporting limits, the Total TPH value is represented by the highest reporting limit.

Figures

Site 7
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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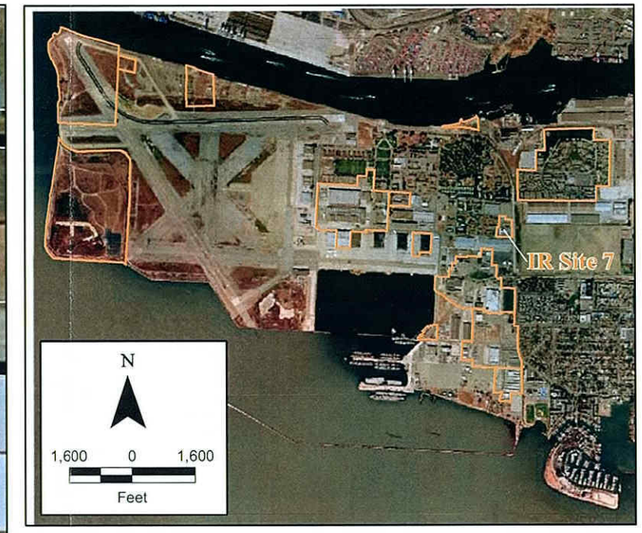

Legend

- First Water Bearing Zone (SWBZ) Wells
- Second Water Bearing Zone (SWBZ) Wells
- IR Site Boundary
- Facility

N

200 0 200

Feet

2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Site 7\IR Site 7 Location Map_NAD83.mxd

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PROGRAM MANAGEMENT OFFICE WEST
SAN DIEGO, CALIFORNIA
ALAMEDA POINT, ALAMEDA, CALIFORNIA

FIGURE 7-1
IR SITE 7
SITE AND WELL LOCATION MAP

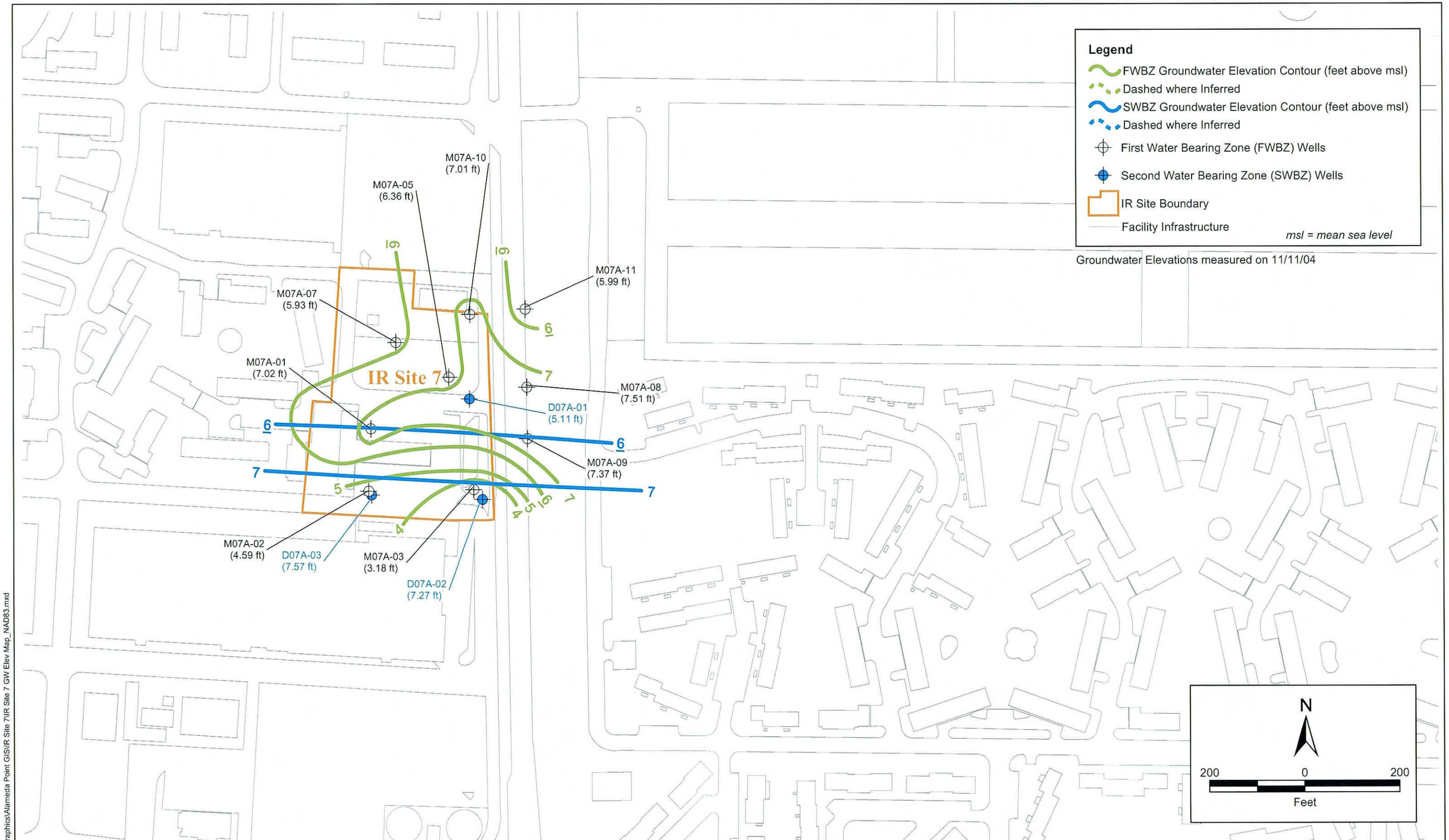

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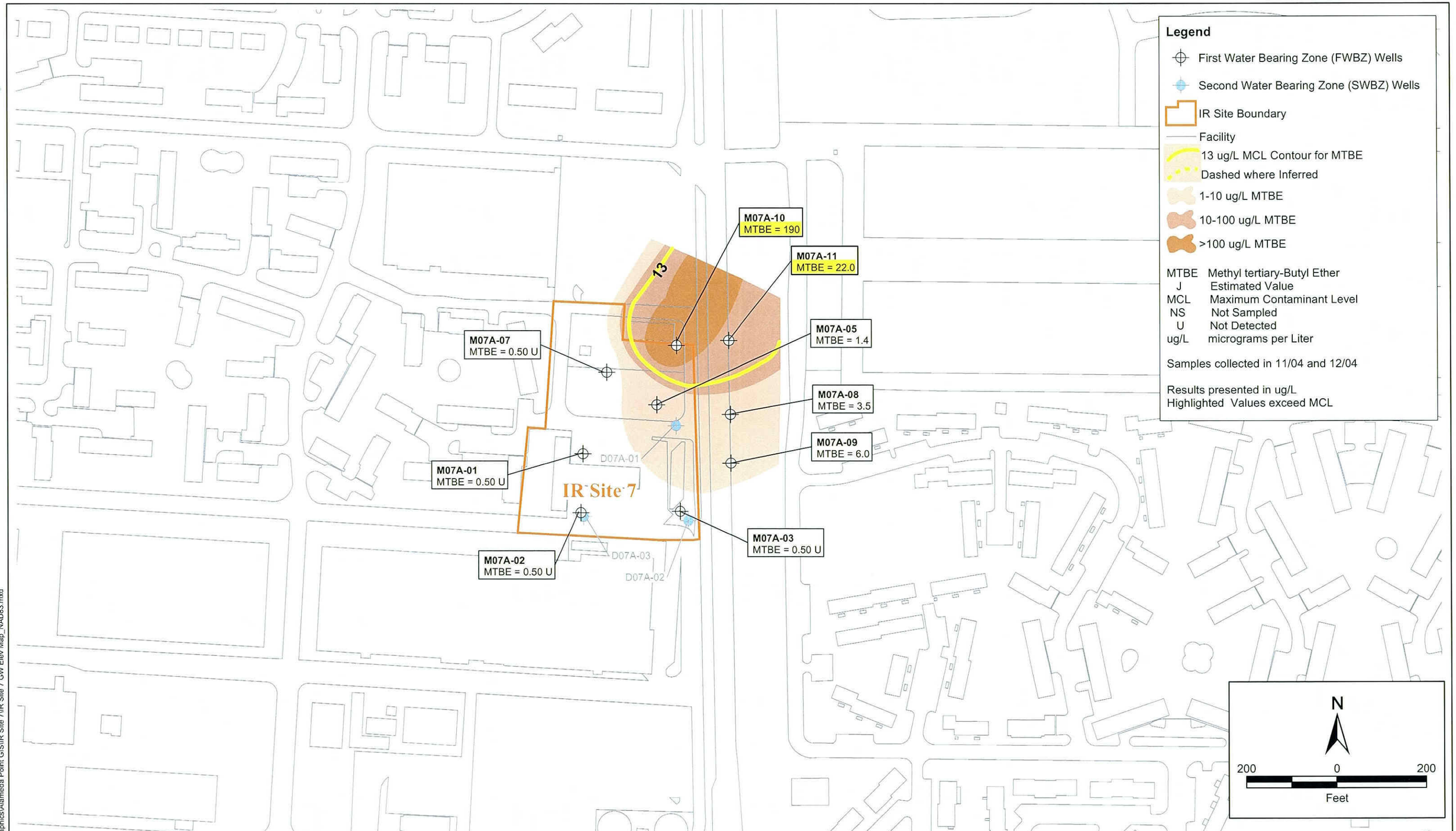
FIGURE 7-2
IR SITE 7
GROUNDWATER ELEVATION MAP
FALL/WINTER 2004

2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Site 7\IR Site 7 GW Elev Map_NAD83.mxd



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ALAMEDA POINT, ALAMEDA, CALIFORNIA

FIGURE 7-3
IR SITE 7
GROUNDWATER DISTRIBUTION OF
MTBE CONCENTRATIONS ABOVE CRITERIA
FALL/WINTER 2004

2002 Projects\02-12...11\Graphics\Alameda Point GIS\IR Site 7\IR Site 7 GW Elev Map_NAD83.mxd

Appendix A -
Analytical Data with Data Qualifiers and Reason Code Definitions

Site 7
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

Innovative Technical Solutions, Inc.

N00236.003004
ALAMEDA POINT
SSIC NO. 5090.3.A.

ANALYTICAL DATA

THIS RECORD CONTAINS LARGE VOLUMES OF DATA AND IS NOT REQUIRED TO BE PHYSICALLY LOCATED WITH THE ADMINISTRATIVE RECORD DOCUMENT.

DUE TO EXTENSIVE VOLUME, THIS DATA WILL NOT BE IMAGED.

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Site 8

Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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Tables

Site 8
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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Table 8-1
Groundwater Monitoring Summary, IR Site 8 - Fall/Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

				Organic Compounds					Inorganic Compounds	Natural Attenuation Parameters				
WATER-BEARING ZONE	SAMPLE LOCATION	GEOLOGICAL UNIT	SCREEN INTERVAL (FT. BGS)	TPH- E as diesel, jet fuel, motor oil (EPA 8015B)	TPH-P as gasoline (EPA 8015B)	VOCs (EPA 8260B)	1,4-Dioxane (EPA 8270 SIM)	Pesticides (EPA 8081A)	Dissolved Metals (EPA 6010B/ 6020A/7470A)	Methane, Ethane, Ethene (RSK SOP 175)	Nitrate, Nitrite, Chloride, Sulfate (EPA9056/300.0)	Alkalinity (EPA 310.1)	Sulfide (EPA 376.2)	Ferrous Iron by (Hach 8146)
Groundwater Monitoring Program Wells														
First	M08-01	Fill	4 - 14	X	X	X	X	X	X	X	X	X	X	X
	M08-03	Fill	4 - 14	X	X	X	X	X	X	X	X	X	X	X
	M08-04	Fill	4 - 14	X	X	X	X	X		X	X	X	X	X
	M08-05	Fill	4 - 14	X	X	X	X	X	X	X	X	X	X	X
	M08-07	Fill	3.5 - 13.5	X	X	X	X	X	X	X	X	X	X	X
	M08-08	Fill	4 - 13.5	X	X	X	X	X	X	X	X	X	X	X
Second	D08-01	Merritt	60 - 70	X	X	X	X	X	X	X	X	X	X	X
Non-Program Wells, Water Level Only														
First	M08-06	Fill	3.5 - 13.5	-	-	-	-	-	-	-	-	-	-	-

Notes:

X — Well sampled for this parameter during Fall/Winter 2004 event.

\- — Well not in analytical program.

Fill - Artificial Fill
BSU - Bay Sediment Unit
USA - Upper San Antonio Formation
Merritt - Merritt Sand

FT. BGS - Feet below ground surface
TPH - Total Petroleum Hydrocarbons
VOCs - Volatile Organic Compounds
(8260B) - U.S. Environmental Protection Agency analytical method
RSK 175 - R.S. Kerr Laboratory Standard Operating Procedure 175

Table 8-2
Summary of Groundwater Level Measurements at Installation Restoration Site 8
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M08-01	11.48	11.14 *	11/09/04	5.17	5.97
		11.48	11.14 *	03/01/04	4.28	6.86
		11.48	11.14 *	03/01/04	4.28	6.86
		11.48	11.14 *	12/03/03	5.29	5.85
		11.48	11.14 *	09/16/03	5.12	6.02
		11.48	11.14 *	06/23/03	4.43	6.71
		11.48	11.14 *	04/07/03	5.37	5.77
		11.48	11.14 *	12/11/02	6.17	4.97
		11.48	11.14 *	09/03/02	6.05	5.09
		11.48	11.14 *	06/24/02	5.85	5.29
First	M08-02 ‡	13.38	12.78 *	11/09/04	7.12	5.66
		13.38	12.78 *	06/18/04	5.51	7.27
		13.38	12.78 *	03/01/04	6.58	6.20
		13.38	12.78 *	12/03/03	7.60	5.18
		13.38	12.78 *	09/16/03	6.95	5.83
		13.38	12.78 *	06/23/03	5.65	7.13
		13.38	12.78 *	04/07/03	7.48	5.30
		13.38	12.78 *	12/11/02	8.35	4.43
		13.38	12.78 *	09/03/02	8.17	4.61
		13.38	12.78 *	06/28/02	8.00	4.78
First	M08-03	11.73	11.26 *	11/09/04	6.06	5.20
		11.73	11.26 *	06/17/04	5.83	5.43
		11.73	11.26 *	03/01/04	3.33	7.93
		11.73	11.26 *	12/03/03	6.40	4.86
		11.73	11.26 *	09/16/03	6.31	4.95
		11.73	11.26 *	06/23/03	5.75	5.51
		11.73	11.26 *	04/07/03	6.06	5.20
		11.73	11.26 *	12/11/02	6.81	4.45
		11.73	11.26 *	09/03/02	6.73	4.53
		11.73	11.26 *	06/25/02	6.47	4.79
First	M08-04	9.96	9.96	11/09/04	4.74	5.22
		9.96	9.96	06/18/04	4.73	5.23
		9.96	9.96	03/01/04	2.85	7.11
		9.96	9.96	12/03/03	5.15	4.81
		9.96	9.96	09/16/03	5.12	4.84
First	M08-05	10.32	9.78 *	11/09/04	4.07	5.71
		10.32	9.78 *	06/17/04	4.01	5.77
		10.32	9.78 *	03/01/04	3.02	6.76
		10.32	9.78 *	12/03/03	4.46	5.32
		10.32	9.78 *	09/16/03	4.45	5.33
		10.32	9.78 *	06/23/03	3.63	6.15
		10.32	9.78 *	04/07/03	4.16	5.62
		10.32	9.78 *	12/11/02	5.02	4.76
		10.32	9.78 *	09/03/02	4.90	4.88
		10.32	9.78 *	06/25/02	4.61	5.17
First	M08-06 ‡	10.49	10.40 **	11/09/04	4.68	5.72
		10.49	10.40 **	06/17/04	4.88	5.52
		10.49	10.40 **	03/01/04	3.12	7.37

Table 8-2
Summary of Groundwater Level Measurements at Installation Restoration Site 8
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M08-06 ‡	10.49	10.40 **	12/03/03	5.18	5.31
		10.49	10.40 **	09/16/03	5.20	5.29
		10.49	10.40 **	06/23/03	4.22	6.27
		10.49	10.40 **	04/07/03	4.82	5.67
First	M08-07	11.84	12.48 *	11/09/04	5.45	7.03
		11.84	12.48 *	06/18/04	5.28	7.20
		11.84	12.48 *	03/01/04	3.50	8.98
		11.84	12.48 *	12/03/03	5.70	6.78
		11.84	12.48 *	09/16/03	5.52	6.96
		11.84	12.48 *	06/23/03	5.09	7.39
		11.84	12.48 *	04/07/03	5.71	6.77
		11.84	12.48 *	12/10/02	6.46	6.02
		11.84	12.48 *	09/03/02	6.18	6.30
		11.84	12.48 *	06/26/02	6.20	6.28
First	M08-08	12.66	12.66	11/09/04	7.21	5.45
		12.66	12.66	06/18/04	6.28	6.38
Second	D08-01	12.96	12.75 *	11/09/04	7.44	5.31
		12.96	12.75 *	06/17/04	7.38	5.37
		12.96	12.75 *	03/01/04	6.90	5.85
		12.96	12.75 *	12/03/03	7.70	5.05
		12.96	12.75 *	09/16/03	7.58	5.17
		12.96	12.75 *	06/23/03	7.41	5.34
		12.96	12.75 *	04/07/03	7.55	5.20
		12.96	12.75 *	12/11/02	7.75	5.00
		12.96	12.75 *	09/03/02	7.73	5.02
		12.96	12.75 *	07/15/02	7.74	5.01

Notes:
BTOC = below top of casing
msl = mean sea level

* = Surveyed to NGVD 29 by Calvada Surveying in September 2002. Subsequently converted to NAVD 88 by Shaw Environmental, Inc. using the Corpscon software.

** = Converted from Mean Lower Low Water to NAVD 88 by Shaw Environmental, Inc. using the Tidal Datum Epoch (1960-1978) at Tidal Bench Mark 9414750

‡ = Well used only for water level measurements. Not scheduled for sampling in the monitoring program.

Table 8-3

Groundwater Sample Analytical Results at IR Site 8: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Innovative Technical Solutions, Inc.

Table 8-3

Groundwater Sample Analytical Results at IR Site 8: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M08-01	2004 04 (Winter)	57.0 J	< 50.0	< 300	50.0 UJ	57.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	84.0	62.0	< 300	< 50.0	146	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.1	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.9	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.3	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 200	< 300	< 200	< 50.0	< 300	< 0.50 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.3	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.9	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	6.3	0.40 J	1.3	0.60	0.50 J	27.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M08-02	2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2003 03 (Fall)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	25.0 J	53.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M08-03	2004 04 (Winter)	150 J	160	< 300	63.0 J	373	8.3	0.10 J	0.070 J	0.20 J	0.40 J	27.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	61.0	93.0	< 300	< 85.0	154	9.7	< 0.50	0.30 J	< 0.50	0.60	25.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	0.48 J	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	130 J	< 290	< 190	54.0	184	4.5	< 1.0	0.87 J	< 1.0	0.53 J	10.0	0.60 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	130 J	< 290	< 190	78.0	208	2.3	< 1.0	< 1.0	< 1.0	0.41 J	7.4	0.25 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	47.0 J	47.0	0.56	< 1.0	< 1.0	< 1.0	0.23 J	6.3	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	98.0	100	< 300	68.0	266	0.30 J	< 0.50	< 0.50	< 0.50	0.40 J	< 2.8	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.30 J	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 73.0 UJ	82.0 J	< 300 UJ	< 50.0 UJ	82.0	0.20 J	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	0.20 J	5.3 J	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
		2002 02 (Summer)	< 50.0	< 50.0	< 300	44.0 J	44.0	0.40 J	< 0.50	< 0.50	< 0.50	< 0.50	3.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M08-04	2004 04 (Winter)	< 50.0	< 50.0	< 300	50.0 UJ	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	M08-05	2004 04 (Winter)	74.0 J	< 50.0	110 J	50.0 UJ	184	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	2.2	< 0.50	0.20 J	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	130 J	< 50.0	130	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	0.23 J	< 1.0	< 1.0	< 1.0	< 1.0 UJ	2.7	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 280	< 190	< 50.0	< 280	0.73	< 1.0	0.22 J	< 1.0	< 1.0	2.1	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	240	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	37.0 J	< 50.0	88.0 J	< 50.0	125	< 0.50 J	< 0.50 UJ	0.40 J	< 0.50 UJ	< 0.50 UJ	7.0	< 0.50	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Table 8-3
Groundwater Sample Analytical Results at IR Site 8: Total Petroleum Hydrocarbons and Volatile Organic Compounds
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M08-05	2002 03 (Fall)	< 60.0 UJ	**210 J**	< 300 UJ	< 90.0 UJ	**210**	**18.0 J**	**0.10 J**	**8.3 J**	**1.6 J**	**1.0 J**	**120 J**	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**1.0 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M08-07	2004 04 (Winter)	**71.0 J**	< 50.0	< 300	**50.0 UJ**	**71.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 290	**230**	< 50.0	**230**	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	**0.83 J**	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0 UJ	< 300	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M08-08	2004 04 (Winter)	**38.0 J**	< 50.0	**180 J**	**50.0 UJ**	**218**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	**289**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50
SWBZ	D08-01	2004 04 (Winter)	< 50.0	< 50.0	< 300	**50.0 UJ**	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2003 03 (Fall)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0 UJ	< 300	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Table 8-4

Groundwater Sample Analytical Results at IR Site 8: Dissolved Metals

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Innovative Technical Solutions, Inc.

Table 8-4
Groundwater Sample Analytical Results at IR Site 8: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																		Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M08-01	2004 04 (Winter)		0.16 J	3.8 J	49.0	< 2.0	< 5.0	0.59 J	0.12 J	1.0 J	0.086 J	92.0	< 0.20	2.7 J	1.2 J	< 5.0	< 5.0	0.25 J	2.5 J	5.5 J	18.0 J	86.0 J	18.0	11.0	8.1	120
	2004 02 (Summer)		< 1.0	5.3	33.0	< 2.0	< 5.0	0.46 J	0.25 J	< 10.0	0.25 J	97.0	< 0.20	< 20.0	0.67 J	< 5.0	< 5.0	< 1.0	1.4 J	< 20.0	< 96.0	170	11.0	8.0	39.0	6,900
	2003 04 (Winter)		< 5.0	4.1 J	60.2 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	184 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	< 20.0	694	982	27.0	14.0	9.5	174
	2003 02 (Summer)		< 50.0	8.8 J	74.4 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	190	< 0.40 UJ	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	1.4 J	< 20.0	< 200	26.9 J	23.4	13.4	10.5 J	278
	2002 04 (Winter)		< 50.0	6.6	69.0	< 2.0	< 5.0	< 10.0	0.18 J	0.91 J	0.14 J	200 J	< 0.20	< 20.0	< 20.0 UJ	< 5.0	< 5.0	< 2.0	< 10.0	13.0 J	42.0 J	< 240	22.0	11.0	10.0	250
	2002 02 (Summer)		0.25 J	7.6	97.0 J	0.088 J	< 5.0	2.2 J	0.25 J	0.35 J	0.15 J	160	< 0.20	3.7 J	1.3 J	1.5 J	0.66 J	0.38 J	3.1 J	< 20.0	6.7 J	230	19.0	15.0	14.0	400
M08-02	2004 02 (Summer)		< 1.0	4.2	170	< 2.0	< 5.0	< 10.0	0.84 J	< 10.0	0.11 J	250	0.10 J	< 20.0	7.9 J	< 5.0	< 5.0	< 1.0	< 10.0	< 28.0	< 50.0	1,100	43.0	8.9	2.8	22.0
	2003 04 (Winter)		< 5.0 UJ	< 50.0	305	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0 UJ	304	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	< 20.0	< 200	1,290	73.3	12.8	4.2	26.5
	2003 02 (Summer)		< 50.0	< 50.0	497	< 4.0	< 5.0	< 10.0	4.4 J	6.0 J	< 10.0	656	< 0.40 UJ	< 50.0	21.7	< 20.0	< 10.0	< 5.0	1.7 J	< 20.0	< 200	1,380	206	46.8	5.1 J	73.8
	2002 04 (Winter)		0.29 J	9.3	350	< 2.0	< 5.0	< 10.0	2.1 J	0.70 J	0.037 J	630 J	< 0.20	< 20.0	6.2 J	< 5.0	< 5.0	< 2.0	< 10.0	1.5 J	3.3 J	1,800	88.0	19.0	5.0	60.0
	2002 02 (Summer)		< 50.0	6.6	270	< 2.0	< 5.0	0.56 J	0.40 J	0.36	< 3.0	110	< 0.20	3.6 J	6.7 J	< 5.0	-	< 2.0	3.5 J	2.4 J	< 100	290	70.0	13.0	8.4	69.0
M08-03	2004 04 (Winter)		0.11 J	2.4 J	360	< 2.0	< 5.0	0.80 J	0.40 J	0.49 J	< 3.0	880	< 0.20	< 20.0	1.5 J	< 5.0	< 5.0	< 5.0	1.3 J	2.4 J	3.5 J	1,200	120	97.0	27.0	620
	2004 02 (Summer)		< 1.0	2.2	470	< 2.0	< 5.0	1.2 J	0.46 J	< 10.0	< 1.0	980	< 0.20	< 20.0	1.1 J	< 5.0	0.95 J	< 1.0	1.1 J	< 20.0	< 50.0	1,200	140	140	38.0	760
	2003 04 (Winter)		< 5.0 UJ	< 50.0	302	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0 UJ	910	-	< 50.0	< 20.0	< 20.0	< 10.0	-	< 50.0	< 20.0	< 200	954	126	98.5	33.4	553
	2003 02 (Summer)		< 50.0	< 50.0	323	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	566	< 0.40 UJ	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	643	110	77.4	21.6 J	358
	2002 04 (Winter)		< 50.0	< 5.0	310	< 2.0	< 5.0	< 10.0	0.28 J	0.76 J	0.031 J	770 J	< 0.20	< 20.0	< 20.0 UJ	3.6 J	< 5.0	< 2.0	< 10.0	10.0 J	3.1 J	1,700	120	100 J	39.0	560
	2002 02 (Summer)		0.052 J	< 5.0	200	< 2.0	< 5.0	< 10.0	0.11 J	0.38 J	0.083 J	350	< 0.20	0.49 J	< 20.0	6.4	< 5.0	0.72 J	3.0 J	< 20.0	5.5 J	950	70.0	47.0	22.0	280
M08-05	2004 04 (Winter)		0.45 J	4.8 J	100	< 2.0	0.56 J	0.93 J	0.24 J	3.1 J	0.91 J	74.0	< 0.20	3.3 J	5.2 J	< 5.0	< 5.0	< 5.0	3.1 J	26.0	4.9 J	100	32.0	17.0	14.0	240
	2004 02 (Summer)		0.76 J	4.6	180	< 2.0	0.31 J	1.0 J	0.58 J	< 10.0	0.61 J	250	< 0.20	4.5 J	4.1 J	< 5.0	< 5.0	< 1.0	1.7 J	< 39.0	< 50.0	270	63.0	30.0	17.0	310
	2003 04 (Winter)		< 5.0	4.3 J	131	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	154	< 0.40	< 50.0	13.8 J	< 20.0	< 10.0	< 5.0	5.6 J	64.7	< 200	137	49.5	21.4	15.1	284
	2003 02 (Summer)		< 50.0	< 50.0	145	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	67.8	< 0.40 UJ	< 50.0	5.0 J	< 20.0	< 10.0	< 5.0	4.2 J	< 20.0	< 200	< 100	56.0	20.1	23.1 J	237
	2002 04 (Winter)		< 50.0	3.7 J	69.0	< 2.0	< 5.0	< 10.0	1.7 J	0.90 J	0.67 J	380	< 0.20	< 20.0	8.0 J	< 5.0	< 5.0	< 2.0	< 10.0	250 J	< 100	2,200	16.0	6.4	4.0	73.0
	2002 02 (Summer)		0.26 J	5.7	150	< 2.0	< 5.0	< 10.0	0.42 J	1.2 J	0.079 J	230	< 0.20	2.8 J	4.4 J	2.5 J	4.6 J	0.16 J	3.9 J	< 20.0	< 100	170	40.0	39.0	22.0	430
M08-07	2004 04 (Winter)		0.11 J	< 5.0	98.0	< 2.0	< 5.0	0.64 J	0.10 J	1.4 J	< 3.0	86.0	< 0.20	< 20.0	5.1 J	< 5.0	< 5.0	< 5.0	1.2 J	1.9 J	3.3 J	72.0 J	17.0	15.0	7.9	27.0
	2004 02 (Summer)		< 1.0	1.3	120	< 2.0	< 5.0	0.32 J	0.15 J	< 10.0	0.073 J	130	< 0.20	< 20.0	11.0 J	< 5.0	< 5.0	< 1.0	< 10.0	< 20.0	< 50.0	26.0 J	19.0	18.0	8.2	27.0
	2003 04 (Winter)		< 5.0 UJ	< 50.0	86.4 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0 UJ	12.1	-	< 50.0	< 20.0	< 20.0	< 10.0	-	< 50.0	< 20.0	< 200	< 100	16.0	17.6	5.5	43.0
	2003 02 (Summer)		< 50.0	< 50.0	95.9 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	136	< 0.40 UJ	< 50.0	11.0 J	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	< 100	14.2	13.4	7.8 J	52.6
	2002 04 (Winter)		< 50.0	< 5.0	70.0	< 2.0	< 5.0	< 10.0	0.096 J	1.8 J	0.081 J	2.3 J	< 0.20	< 20.0	5.7 J	< 5.0	< 5.0	< 2.0	< 10.0	5.5 J	39.0 J	< 160	8.5	9.1	4.4	48.0
	2002 02 (Summer)		0.12 J	< 5.0	99.0	< 2.0	0.42 J	< 10.0	0.046 J	1.4 J	< 3.0	26.0	< 0.20	< 20.0	8.8 J	< 5.0	< 5.0	< 2.0	1.1 J	2.1 J	6.8 J	35.0 J	14.0	11.0	5.3	32.0
M08-08	2004 04 (Winter)		0.23 J	5.4	170	< 2.0	< 5.0	1.5 J	0.59 J	1.3 J	< 3.0	440	< 0.20	< 20.0	5.0 J	< 5.0	< 5.0	< 5.0	1.8 J	1.2 J	6.8 J	740	74.0	8.3	2.4	16.0
	2004 02 (Summer)		0.24 J	6.6	130	< 2.0	< 5.0	< 10.0	0.97 J	< 10.0	< 1.0	590	0.070 J	< 20.0	< 20.0	< 1.0	< 5.0	< 1.0	< 10.0	< 20.0	6.8 J	1,500	78.0	11.0	2.7	20.0
D08-01	2004 04 (Winter)		0.22 J	8.2	76.0	0.16 J	< 5.0	0.84 J	16.0	9.0 J	0.39 J	13,000	< 0.20	< 20.0	36.0	3.6 J	< 5.0	< 5.0	1.0 J	26.0	< 100	2,400	1,100	1,500	32.0	6,000
	2004 02 (Summer)		< 1.0	< 1.0	71.0	< 2.0	< 5.0	< 10.0	17.0	< 10.0	0.76 J	15,000	< 0.20	< 20.0	36.0	5.0	< 5.0	< 1.0	< 10.0	< 20.0	< 50.0	41.0 J	1,300	1,800	39.0	7,300
	2003 04 (Winter)		< 25.0 UJ	< 50.0	62.1 J	< 4.0	< 5.0	< 10.0	13.6	< 10.0	< 10.0 UJ	12,100	< 0.40	30.6 J	30.9	< 20.0	< 10.0	< 25.0 UJ	< 50.0	< 20.0	< 200	162	1,400	1,980	49.1	8,140
	2003 02 (Summer)		< 50.0	8.5 J	69.8 J	< 4.0	< 5.0	< 10.0	18.5	< 10.0	< 10.0	13,800	< 0.40 UJ	< 50.0	38.2	< 20.0	< 10.0	< 100	< 50.0	< 20.0	< 200	354	1,290	1,840	112 J	6,410
	2002 04 (Winter)		< 50.0	< 5.0	67.0	< 2.0	< 5.0	2.5 J	19.0	8.8 J	0.043 J	11,000 J	< 0.20	< 20.0	53.0	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	< 100	6,100	1,200	1,700 J	31.0	6,800
	2002 02 (Summer)		0.14 J	< 5.0	64.0	< 2.0	< 5.0	14.0	16.0	< 10.0	< 3.0	11,000	< 0.20	< 20.0	20.0 J	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	3.4 J	100 J	1,100	1,600	33.0	6,400

FWBZ

SWBZ

ITSI Innovative Technical Solutions, Inc.

Table 8-5

Groundwater Sample Analytical Results at IR Site 8: Organochlorine Pesticides

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

Innovative
Technical
Solutions, Inc.

Table 8-5
Groundwater Sample Analytical Results at IR Site 8: Organochlorine Pesticides
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Organochlorine Pesticides																				
			Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan Sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	0.20	0.10	0.10	NA	NA	NA	NA	NA	NA	NA	2.0	2.0	2.0	0.010	0.010	30.0	3.0
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M08-01	2004 04 (Winter)	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.10	< 0.10	< 0.10	< 0.10	< 0.060	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.060	< 0.060	< 0.60	< 1.1
		2004 02 (Summer)	< 0.050 J	< 0.050 J	< 0.050	< 0.050	< 0.050 J	< 0.050 J	< 0.050 J	< 0.10 J	< 0.10 J	< 0.10	< 0.10 J	< 0.050 J	< 0.10 J	< 0.10	< 0.10 J	< 0.10	< 0.10 J	< 0.050	< 0.050 J	< 0.50	< 1.0
		2004 01 (Spring)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47	< 4.7
		2003 04 (Winter)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47 UJ	< 4.7
		2003 03 (Fall)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48	< 4.8
		2003 02 (Summer)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10 UJ	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 5.0
		2003 01 (Spring)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10 UJ	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
		2002 04 (Winter)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48	< 0.95
		2002 03 (Fall)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47 UJ	< 0.94
		2002 02 (Summer)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48	< 0.95
	M08-02	2004 02 (Summer)	< 0.050 J	< 0.050 J	< 0.050	< 0.050	< 0.050 J	< 0.050 J	< 0.050 J	< 0.10 J	< 0.10 J	< 0.10	< 0.10 J	< 0.050 J	< 0.10 J	< 0.10	< 0.10 J	< 0.10	< 0.10 J	< 0.050	< 0.050 J	< 0.50	< 1.0
		2004 01 (Spring)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47	< 4.7
		2003 04 (Winter)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47 UJ	< 4.7
		2003 03 (Fall)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48	< 4.8
		2003 02 (Summer)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10 UJ	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10 UJ	< 0.10	< 0.050	< 0.050	< 0.50	< 5.0
		2003 01 (Spring)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10 UJ	< 0.10 UJ	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
		2002 04 (Winter)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	**0.0088 J**	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48	< 0.95
		2002 03 (Fall)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47 UJ	< 0.94
		2002 02 (Summer)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090 J	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47 UJ	< 0.94 UJ
	M08-03	2004 04 (Winter)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
		2004 02 (Summer)	< 0.050 J	< 0.050 J	< 0.050	< 0.050	< 0.050 J	< 0.050 J	< 0.050 J	< 0.10 J	< 0.10 J	< 0.10	< 0.10 J	< 0.050 J	< 0.10 J	< 0.10	< 0.10 J	< 0.10	< 0.10 J	< 0.050	< 0.050 J	< 0.50	< 1.0
		2004 01 (Spring)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47	< 4.7
		2003 04 (Winter)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.050	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.050	< 0.050	< 0.50 UJ	< 5.0 UJ
		2003 03 (Fall)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47 UJ	< 4.7
		2003 02 (Summer)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47	< 4.7
		2003 01 (Spring)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10 UJ	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
		2002 04 (Winter)	< 0.040	**0.0094 J**	< 0.040	< 0.040	**0.0097 J**	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48	< 0.95
		2002 03 (Fall)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47 UJ	< 0.94 UJ
		2002 02 (Summer)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47	< 0.94
	M08-04	2004 04 (Winter)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
		2004 02 (Summer)	< 0.050 J	< 0.050 J	< 0.050	< 0.050	< 0.050 J	< 0.050 J	< 0.050 J	< 0.10 J	< 0.10 J	< 0.10	< 0.10 J	< 0.050 J	< 0.10 J	< 0.10	< 0.10 J	< 0.10	< 0.10 J	< 0.050	< 0.050 J	< 0.50	< 1.0
		2003 04 (Winter)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.49	< 4.9
	M08-05	2004 04 (Winter)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
		2004 02 (Summer)	< 0.050 J	< 0.050 J	< 0.050	< 0.050	< 0.050 J	< 0.050 J	< 0.050 J	< 0.10 J	< 0.10 J	< 0.10	< 0.10 J	< 0.050 J	< 0.10 J	< 0.10	< 0.10 J	< 0.10	< 0.10 J	< 0.050	< 0.050 J	< 0.50	< 1.0
		2004 01 (Spring)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47	< 4.7
		2003 04 (Winter)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48	< 4.8
		2003 03 (Fall)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48	< 4.8
		2003 02 (Summer)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47	< 4.7

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Table 8-5
Groundwater Sample Analytical Results at IR Site 8: Organochlorine Pesticides
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Organochlorine Pesticides																				
			Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan Sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	0.20	0.10	0.10	NA	NA	NA	NA	NA	NA	NA	2.0	2.0	2.0	0.010	0.010	30.0	3.0
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M08-05	2003 01 (Spring)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10 UJ	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
		2002 04 (Winter)	< 0.040	< 0.040	< 0.040	< 0.040	**0.017 J**	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48	< 0.95
		2002 03 (Fall)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.49 UJ	< 0.98 UJ
		2002 02 (Summer)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47	< 0.94
	M08-07	2004 04 (Winter)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
		2004 02 (Summer)	< 0.050 J	< 0.050 J	< 0.050	< 0.050	< 0.050 J	< 0.050 J	< 0.050 J	< 0.10 J	< 0.10 J	< 0.10	< 0.10 J	< 0.050 J	< 0.10 J	< 0.10	< 0.10 J	< 0.10	< 0.10 J	< 0.050	< 0.050 J	< 0.50	< 1.0
		2004 01 (Spring)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47	< 4.7
		2003 04 (Winter)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.050	< 0.50 UJ	< 4.9
		2003 03 (Fall)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48	< 4.8
		2003 02 (Summer)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48	< 4.8
		2003 01 (Spring)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10 UJ	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
		2002 04 (Winter)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48	< 0.95
		2002 03 (Fall)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47 UJ	< 0.94 UJ
		2002 02 (Summer)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.49	< 0.98
	M08-08	2004 04 (Winter)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
		2004 02 (Summer)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
SWBZ	D08-01	2004 04 (Winter)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
		2004 02 (Summer)	< 0.050 J	< 0.050 J	< 0.050	< 0.050	< 0.050 J	< 0.050 J	< 0.050 J	< 0.10 J	< 0.10 J	< 0.10	< 0.10 J	< 0.050 J	< 0.10 J	< 0.10	< 0.10 J	< 0.10	< 0.10 J	< 0.050	< 0.050 J	< 0.50	< 1.0
		2004 01 (Spring)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47	< 4.7
		2003 04 (Winter)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48 UJ	< 4.8
		2003 03 (Fall)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48	< 4.8
		2003 02 (Summer)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48	< 4.8
		2003 01 (Spring)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.050	< 0.50	< 0.90
		2002 04 (Winter)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48 UJ	< 0.95
		2002 03 (Fall)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47 UJ	< 0.94 UJ
		2002 02 (Summer)	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47 UJ	< 0.94

Table 8-6
Groundwater Sampling Field Parameters at Installation Restoration Site 8
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	M08-01	11/24/04	7.21	0.54	227
		06/25/04	7.18	0.87	141
		03/05/04	7.27	1.32	153
		12/09/03	7.36	0.59	253
		09/23/03	7.40	0.27	56
		06/30/03	7.55	0.31	-272
		04/10/03	7.50	3.00	163
		12/23/02	7.30	0.22	62
		09/09/02	7.57	0.80	-147.9
		06/24/02	7.59	8.30	-70
First	M08-03	11/24/04	6.51	0.48	-22
		06/25/04	6.66	0.16	-281
		03/05/04	6.67	0.21	172
		12/11/03	6.70	0.13	-195.5
		09/23/03	6.78	0.18	-105
		06/30/03	6.89	0.10	-331
		04/10/03	6.77	0.15	1.0
		12/23/02	6.89	0.14	-121
		09/10/02	6.91	0.70	-153.9
		06/25/02	6.81	0.90	-85
First	M08-04	11/24/04	6.71	0.46	174
		06/25/04	6.81	0.40	120
		03/05/04	6.78	2.81	156
		12/10/03	6.94	0.24	-83
		09/22/03	6.85	0.33	139
First	M08-05	11/24/04	7.13	0.82	191
		06/25/04	7.13	0.24	46
		03/05/04	7.37	1.49	287
		12/10/03	7.24	0.91	-6.7
		09/23/03	7.38	0.15	-112
		06/30/03	7.65	0.54	-278
		04/10/03	7.35	0.81	93
		12/24/02	6.17	4.43	-29
		09/10/02	8.21	***97.50***	-94.8
		06/25/02	7.42	4.50	154
First	M08-07	11/24/04	6.30	0.99	244
		06/25/04	6.12	0.20	145
		03/05/04	6.31	1.29	159
		12/11/03	6.06	3.54	50.3
		09/23/03	6.05	0.19	1.39
		06/30/03	6.37	0.29	-297
		04/10/03	6.10	***15.20***	194
		12/23/02	6.13	4.07	133
		09/10/02	6.08	8.70	245.1
		06/26/02	6.03	0.19	178.1
First	M08-08	11/24/04	6.40	0.52	168
		06/28/04	6.60	0.23	-39

Table 8-6
Groundwater Sampling Field Parameters at Installation Restoration Site 8
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
Second	D08-01	11/24/04	6.54	0.38	102
		06/25/04	6.58	0.29	-245
		03/05/04	6.45	0.22	172
		12/08/03	6.54	0.29	197
		09/22/03	6.57	0.10	16
		06/30/03	6.83	0.17	-280
		04/10/03	6.70	2.00	155
		12/23/02	7.06	0.05	-144
		09/10/02	6.77	1.20	-32.2
		07/15/02	7.18	0.77	0.0

Notes:

Field parameters are measured during well purging, just prior to collection of the groundwater sample.

mg/L = milligrams per liter

ORP = oxidation-reduction potential

mV = millivolts

Italicized results are outside expected range for parameter. Natural groundwater has the following expected ranges:

pH: between 6 and 8.5 standard units

DO: below approximately 9 mg/L

ORP: between approximately 600 and -400 mV

Table 8-7

Groundwater Sample Analytical Results at IR Site 8: Natural Attenuation Parameters

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

Innovative Technical Solutions, Inc.

T 8-7

Groundwater Sample Analytical Results at IR Site 8: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M08-01	2004 04 (Winter)	< 0.0050	< 0.0050	0.030	0.090	< 0.050	86.0	30.0	230	230	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	0.014	0.14	< 0.050	60.0	36.0	290	290	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.012	< 1.0	< 1.0	109	52.3	254	254	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.15	0.16	< 0.10	266	22.7	300	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	0.092	0.030 J	< 0.050	180	65.0	320	320	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	2.2	< 0.050	< 0.050	440	40.0	360	360	< 1.0	< 1.0	< 0.040
	M08-02	2004 02 (Summer)	< 0.010	< 0.010	0.15	< 0.050	< 0.050	20.0	14.0	150	150	< 1.0	< 1.0	0.080
		2003 04 (Winter)	< 0.0030	< 0.0030	0.10	< 1.0	< 1.0	8.1	9.3	287	287	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.064	0.67	< 0.10	229	148	215	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	0.98	< 0.050	< 0.050	38.0	19.0	360	360	< 1.0	< 1.0	0.20
		2002 02 (Summer)	< 0.010	< 0.010	0.80	< 0.050	< 0.050	36.0	12.0	330	330	< 1.0	< 1.0	< 0.040
	M08-03	2004 04 (Winter)	< 0.0050	< 0.0050	11.0	< 0.050	< 0.10	1,300	7.0	580	580	< 1.0	< 1.0	1.1
		2004 02 (Summer)	< 0.010	< 0.010	13.0	< 0.25	< 0.25	1,800	7.0	720	720	< 1.0	< 1.0	0.65
		2003 04 (Winter)	< 0.0030	< 0.0030	2.6	-	-	1,160	10.7	566	566	< 5.0	-	9.5
		2003 02 (Summer)	< 0.0030	< 0.0030	4.0	< 0.20	< 0.20	757	11.0	395	-	-	-	2.8
		2002 04 (Winter)	< 0.010	< 0.010	16.0	< 0.10	< 0.10	1,200	< 1.0	540	540	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	8.2 J	< 0.050	< 0.050	260	23.0	340	340	< 1.0	< 1.0	< 0.040
	M08-04	2004 04 (Winter)	< 0.0050	< 0.0050	1.5	1.2	< 0.050	150	31.0	180	180	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	0.58	0.55	< 0.050	200	39.0	170	170	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	1.6	0.053 J	< 0.10	137	4.5	175	175	< 5.0	-	< 1.0
	M08-05	2004 04 (Winter)	< 0.0050	< 0.0050	0.019	1.5	< 0.050	260	37.0	540	540	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	0.51	0.32	< 0.050	450	40.0	340	340	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.052	1.1	< 0.10	303	37.1	374	374	< 5.0	-	< 1.0

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Groundwater Sample Analytical Results at IR Site 8: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M08-05	2003 02 (Summer)	< 0.0030	< 0.0030	0.054	0.87	< 0.10	256	34.5	310	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	0.038	0.52 J	< 0.050	39.0	19.0	160	160	< 1.0	< 1.0	0.12
		2002 02 (Summer)	< 0.010	< 0.010	0.039 J	1.7	< 0.050	270	47.0	310	310	< 1.0	< 1.0	< 0.040
	M08-07	2004 04 (Winter)	< 0.0050	< 0.0050	0.032	0.11	< 0.050	25.0	23.0	110	110	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	0.15	0.11	< 0.050	32.0	26.0	290	290	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.0089	0.58	< 0.10	64.4	20.7	29.0	29.0	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.55	< 0.10	< 0.10	62.5	20.6	87.5	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	0.038	0.38	< 0.050	46.0	20.0	110	110	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	0.011	1.2	< 0.050	45.0	32.0	79.0	79.0	< 1.0	< 1.0	< 0.040
	M08-08	2004 04 (Winter)	< 0.0050	< 0.0050	0.077	0.010 J	< 0.050	12.0	14.0	170	170	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	0.18	< 0.050	< 0.050	11.0	15.0	310	310	< 1.0	< 1.0	< 0.040
SWBZ	D08-01	2004 04 (Winter)	< 0.0050	< 0.0050	0.0040 J	< 1.3	< 2.5	16,000	2,200	610	610	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	< 0.010	< 1.3	< 2.5	16,000	2,100	640	640	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.0025 J	1.3	< 50.0	11,200	2,340	615	615	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.0021 J	< 1.0	< 1.0	16,100	1,900	593	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	< 0.010	< 1.3	< 1.3	15,000	2,300	580	580	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	< 0.50	< 0.50	16,000	2,200	620	620	< 1.0	< 1.0	< 0.040

Table 8-8
Groundwater Sample Analytical Results at IR Site 8: 1,4-Dioxane
Fall/Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			1,4-Dioxane
		Units:	UG/L
		MCL:	**NA**
		BV:	**NA**
	Well Number	**Event** ***AWQC:***	**NA**
FWBZ	M08-01	2004 04 (Winter)	<1.0
	M08-03	2004 04 (Winter)	<0.9
	M08-04	2004 04 (Winter)	**0.29 J**
	M08-05	2004 04 (Winter)	<0.9
	M08-07	2004 04 (Winter)	<1.1
	M08-08	2004 04 (Winter)	<0.9
SWBZ	D08-01	2004 04 (Winter)	<0.8

General Table Footnotes
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Acronyms and abbreviations

AWQC: Saltwater Ambient Water Quality Criteria, (U.S. EPA, 2002)
BV: Background value (Tetra Tech Environmental Management, Inc., November, 2001)
FWBZ: First Water-Bearing Zone
IR Site: Installation Restoration Site
MCL: California maximum contaminant level (U.S. EPA and California Department of Health Services, June 2003)
MTBE: Methyl tert-butyl ether
NA: Not available (applicable to regulatory limits or background values)
PAH: Polycyclic Aromatic Hydrocarbons
PCE: Tetrachloroethene
Ra: Radium
SO_4: Sulfate
Sr: Strontium
SVOC: Semivolatile Organic Compounds
SWBZ: Second Water-Bearing Zone
TCE: Trichloroethene
TDS: Total Dissolved Solids
TPH: Total Petroleum Hydrocarbons
VOC: Volatile Organic Compounds
-: compound not analyzed

Units

µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: pico curies per liter
PPBV: parts per billion by volume

Validation Qualifiers

J: Estimated value.
U: Not detected at or above the indicated reporting limit.
UJ: Not detected at or above the indicated reporting limit. The reporting limit is an estimate.
R: The analyte is rejected due to deficiencies in the ability to analyze the sample and meet QC criteria.
UR: The analyte was not detected. The analyte is rejected due to deficiencies in the ability to analyze the sample and meet QC criteria.

Notes

Detected values are bolded.
Detected values greater than the MCL are shown in yellow highlighting
Detected values greater than the BV are shown in blue highlighting
Detected values greater than the both the BV and the MCL are shown in pink highlighting
Total TPH (calculated) is the sum of all reported TPH results. Where all TPH results are less than reporting limits, the Total TPH value is represented by the highest reporting limit.

Figures

Site 8
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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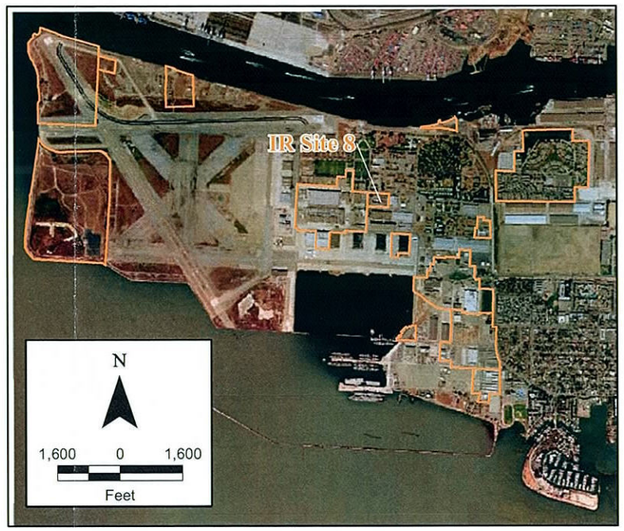

Legend

- First Water Bearing Zone (FWBZ) Wells
- Second Water Bearing Zone (SWBZ) Wells
- IR Site Boundary
- Facility

N

200 0 200

Feet

2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Site 8\IR Site 8 Location Map_NAD83.mxd

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SAN DIEGO, CALIFORNIA
ALAMEDA POINT, ALAMEDA, CALIFORNIA

FIGURE 8-1
IR SITE 8
SITE AND WELL LOCATION MAP

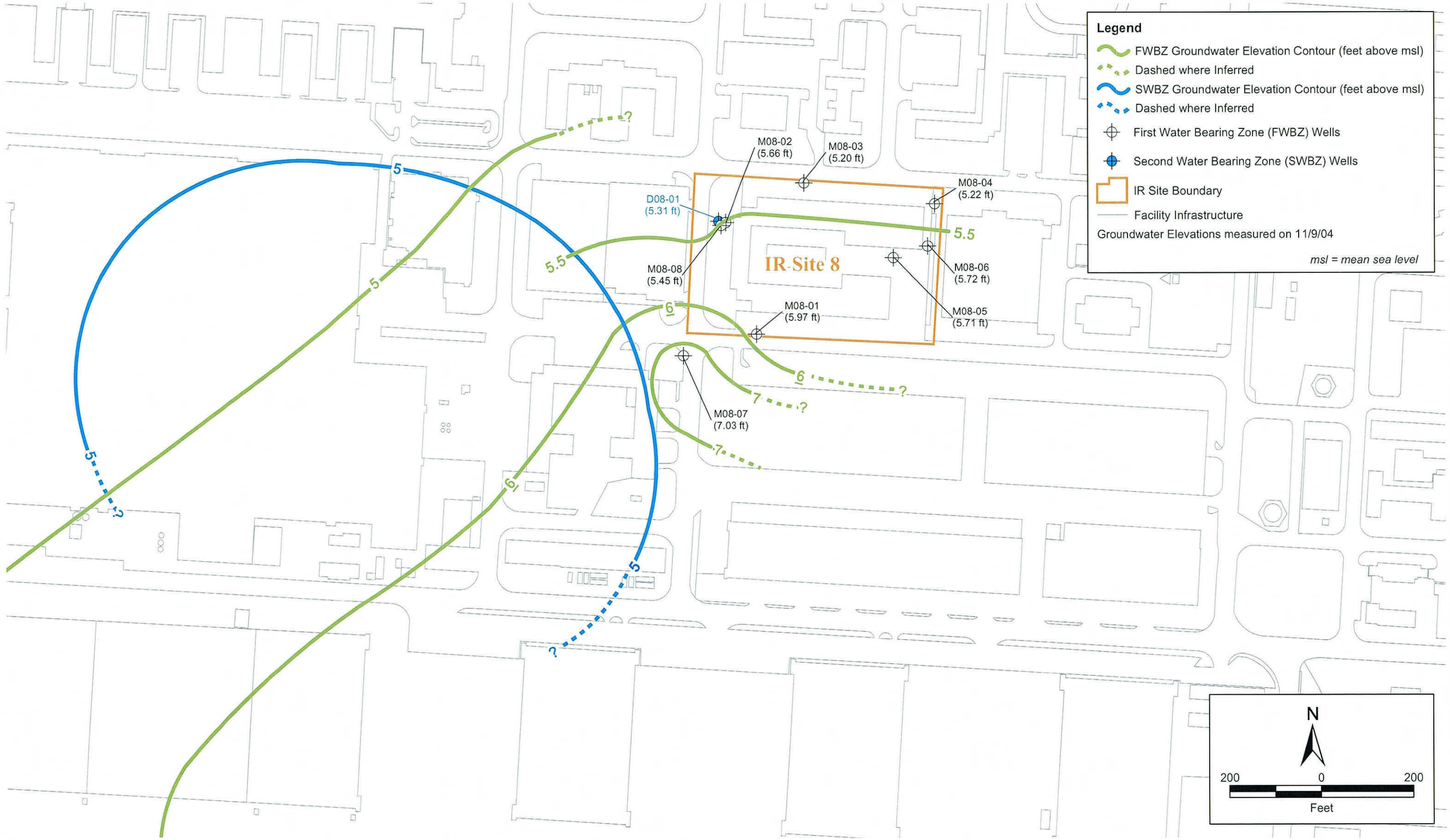

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FIGURE 8-2
IR SITE 8
GROUNDWATER ELEVATION MAP
FALL/WINTER 2004

2002 Projects\02-123\1\Graphics\Alameda Point GIS\IR Site 8\IR Site 8 GW Elev Map_NAD83.mxd

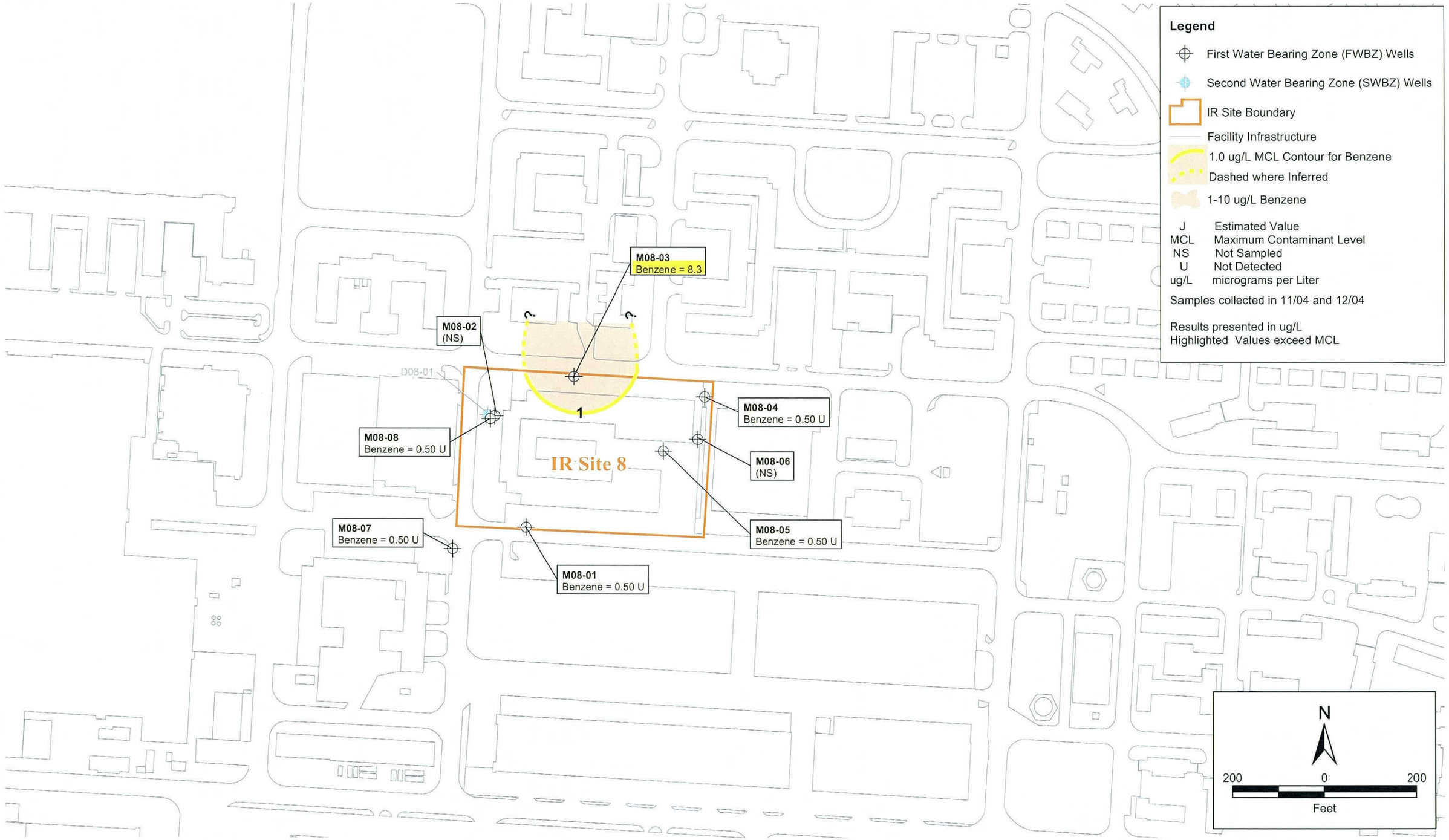

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FIGURE 8-3
IR SITE 8
GROUNDWATER DISTRIBUTION OF
BENZENE CONCENTRATIONS ABOVE CRITERIA
FALL/WINTER 2004

Appendix A -
Analytical Data with Data Qualifiers and Reason Code Definitions

Site 8
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

Innovative Technical Solutions, Inc.

N00236.003004
ALAMEDA POINT
SSIC NO. 5090.3.A.

ANALYTICAL DATA

THIS RECORD CONTAINS LARGE VOLUMES OF DATA AND IS NOT REQUIRED TO BE PHYSICALLY LOCATED WITH THE ADMINISTRATIVE RECORD DOCUMENT.

DUE TO EXTENSIVE VOLUME, THIS DATA WILL NOT BE IMAGED.

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Site 9 Group

Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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Tables

Site 9 Group
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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Table 9-1
Groundwater Monitoring Summary, IR Site 9 Group - Fall/Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

				Organic Compounds			Inorganic Compounds	Natural Attenuation Parameters				
WATER-BEARING ZONE	SAMPLE LOCATION	GEOLOGICAL UNIT	SCREEN INTERVAL (FT. BGS)	TPH- E as Diesel, Jet Fuel, Motor Oil (EPA 8015B)	TPH-P as Gasoline (EPA 8015B)	VOCs (EPA 8260B)	Dissolved Metals (EPA 6010B/ 6020A/7470A)	Methane, Ethane, Ethene (RSK SOP 175)	Nitrate, Nitrite, Chloride, Sulfate (EPA9056/300.0)	Alkalinity (EPA 310.1)	Sulfide (EPA 376.2)	Ferrous Iron (Hach 8146)
Groundwater Monitoring Program Wells												
First	530MJ-MW1	Fill-BSU	3 - 11.5	X	X	X						
	530MJ-MW2	Fill-BSU	2.5 - 11.1	X	X	X						
	M07C-06	Fill	4 - 14	X	X	X	X	X	X	X	X	X
	M07C-08	Fill-Upper Merritt	3.5 - 13.5	X	X	X	X	X	X	X	X	X
	M07C-09	Fill-Upper Merritt	4 - 14	X	X	X	X	X	X	X	X	X
	M10B-01	Fill-BSU	3 - 11	X	X	X	X	X	X	X	X	X
	M13-06	Fill	2 - 9.75	X	X	X	X	X	X	X	X	X
	M13-07	Fill-Upper Merritt	2.5 - 12.5	X	X	X	X	X	X	X	X	X
	M13-08	Upper Merritt	22 - 32	X	X	X	X	X	X	X	X	X
	M13-09	Fill-Upper Merritt	2.5 - 12.5	X	X	X	X	X	X	X	X	X
	M13-P	Unknown	10 - 35			X						
	MW-001	Fill	3.5 - 13.5	X	X	X	X	X	X	X	X	X
	MW410-1	Fill-BSU	5 - 15	X	X	X	X	X	X	X	X	X
	MW410-2	Fill-BSU	5 - 15	X	X	X	X	X	X	X	X	X
	MW410-3	Fill-BSU	5 - 15	X	X	X	X	X	X	X	X	X
	MW410-4	Fill-BSU	5 - 15	X	X	X	X	X	X	X	X	X
	MW530-2	Fill-BSU	5 - 15	X	X	X	X	X	X	X	X	X
	MW530-3	Fill-BSU	5 - 15	X	X	X	X	X	X	X	X	X
	MW547-3	Fill-BSU-Upper Merritt	5 - 15	X	X	X	X	X	X	X	X	X
	MWD13-3	Fill-BSU	5 - 15	X	X	X	X	X	X	X	X	X
	MWD13-4	Fill-BSU	5 - 15	X	X	X	X	X	X	X	X	X
	MWOR-4	Fill-BSU	5 - 15	X	X	X	X	X	X	X	X	X
Second	D07C-01	Merritt	49 - 59	X	X	X	X	X	X	X	X	X
	D09-01	Merritt	50 - 60	X	X	X	X	X	X	X	X	X
	D10B-02	Merritt	50 - 60	X	X	X	X	X	X	X	X	X
	D13-01	Merritt	50 - 60	X	X	X	X	X	X	X	X	X
	D19-01	Merritt	50 - 60	X	X	X	X	X	X	X	X	X

Table 9-1
Groundwater Monitoring Summary, IR Site 9 Group - Fall/Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

				Organic Compounds			Inorganic Compounds	Natural Attenuation Parameters				
WATER-BEARING ZONE	SAMPLE LOCATION	GEOLOGICAL UNIT	SCREEN INTERVAL (FT. BGS)	TPH- E as Diesel, Jet Fuel, Motor Oil (EPA 8015B)	TPH-P as Gasoline (EPA 8015B)	VOCs (EPA 8260B)	Dissolved Metals (EPA 6010B/ 6020A/7470A)	Methane, Ethane, Ethene (RSK SOP 175)	Nitrate, Nitrite, Chloride, Sulfate (EPA9056/300.0)	Alkalinity (EPA 310.1)	Sulfide (EPA 376.2)	Ferrous Iron (Hach 8146)
Non-Program Wells, Water Level Only												
First	372-MW2	Fill	2.6 - 12.6	-	-	-	-	-	-	-	-	-
	M07C-07	Fill	3.5 - 13.5	-	-	-	-	-	-	-	-	-
	M09-05	Fill	3.5 - 13.5	-	-	-	-	-	-	-	-	-
	M09-06	Fill	4 - 14	-	-	-	-	-	-	-	-	-
	MWOR-1	Fill-BSU	5 - 15	-	-	-	-	-	-	-	-	-
	MWOR-2	Fill-BSU	5 - 15	-	-	-	-	-	-	-	-	-
	MWOR-3	Fill-BSU	5 - 15	-	-	-	-	-	-	-	-	-
	MWOR-5	Fill-BSU	5 - 15	-	-	-	-	-	-	-	-	-
Second	D10B-01	Merritt	50 - 60	-	-	-	-	-	-	-	-	-
	M19-05	Merritt	20 - 30	-	-	-	-	-	-	-	-	-

Notes:
X Well sampled for this parameter during Fall/Winter 2004 event.
\- Well not in analytical program.

Fill - Artificial Fill
BSU - Bay Sediment Unit
USA - Upper San Antonio Formation
Merritt - Merritt Sand

FT. BGS - Feet below ground surface
TPH - Total Petroleum Hydrocarbons
VOCs - Volatile Organic Compounds
(8260B) - U.S. Environmental Protection Agency analytical method
RSK 175 - R.S. Kerr Laboratory Standard Operating Procedure 175

Table 9-2
Summary of Groundwater Level Measurements at Installation Restoration Site 9 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	372-MW2 ‡	12.2	11.89	11/09/04	3.88	8.01
		12.2	11.89	06/15/04	4.18	7.71
		12.2	11.89	03/01/04	2.73	9.16
		12.2	11.89	12/02/03	3.06	8.83
		12.2	11.89	09/15/03	4.32	7.57
First	530MJ-MW1	11.6	11.08	11/09/04	4.99	6.09
		11.6	11.08	06/15/04	5.06	6.02
		11.6	11.08	03/01/04	7.57	3.51
		11.6	11.08	12/02/03	6.93	4.15
		11.6	11.08	09/15/03	6.32	4.76
First	530MJ-MW2	11.4	11.12	11/09/04	4.82	6.30
		11.4	11.12	06/15/04	5.04	6.08
		11.4	11.12	03/01/04	4.89	6.23
		11.4	11.12	12/02/03	5.61	5.51
		11.4	11.12	09/15/03	4.80	6.32
First	M07C-06	13.1	12.66 *	11/09/04	4.60	8.06
		13.1	12.66 *	06/15/04	4.42	8.24
		13.1	12.66 *	03/01/04	3.60	9.06
		13.1	12.66 *	12/02/03	5.01	7.65
		13.1	12.66 *	09/15/03	4.77	7.89
		13.1	12.66 *	06/23/03	4.35	8.31
		13.1	12.66 *	04/07/03	3.46	9.20
		13.1	12.66 *	12/12/02	4.82	7.84
		13.1	12.66 *	09/03/02	4.81	7.85
		13.1	12.66 *	06/21/02	4.12	8.54
First	M07C-07 ‡	12.4	12.11 **	11/09/04	3.66	8.45
		12.4	12.11 **	06/15/04	3.69	8.42
		12.4	12.11 **	03/01/04	2.08	10.03
		12.4	12.11 **	12/02/03	3.97	8.14
		12.4	12.11 **	09/15/03	4.19	7.92
		12.4	12.11 **	06/23/03	3.20	8.91
		12.4	12.11 **	04/07/03	2.95	9.16
First	M07C-08	12.7	12.39 *	11/09/04	4.00	8.39
		12.7	12.39 *	06/15/04	3.98	8.41
		12.7	12.39 *	03/01/04	2.09	10.30
		12.7	12.39 *	12/02/03	4.23	8.16
		12.7	12.39 *	09/15/03	4.44	7.95
		12.7	12.39 *	06/23/03	3.70	8.69
		12.7	12.39 *	04/07/03	2.71	9.68
		12.7	12.39 *	12/12/02	4.25	8.14
		12.7	12.39 *	07/24/02	4.22	8.17
First	M07C-09	12.5	12.09 *	11/09/04	4.43	7.66
		12.5	12.09 *	06/15/04	3.26	8.83
		12.5	12.09 *	03/01/04	2.62	9.47
		12.5	12.09 *	12/02/03	4.55	7.54
		12.5	12.09 *	09/15/03	4.51	7.58
		12.5	12.09 *	06/23/03	3.80	8.29
		12.5	12.09 *	04/07/03	4.21	7.88

Table 9-2
Summary of Groundwater Level Measurements at Installation Restoration Site 9 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M07C-09	12.5	12.09 *	12/12/02	4.45	7.64
		12.5	12.09 *	09/03/02	4.22	7.87
		12.5	12.09 *	06/19/02	4.60	7.49
First	M09-05 ‡	13.4	13.11 **	11/09/04	7.09	6.02
		13.4	13.11 **	06/15/04	7.01	6.10
		13.4	13.11 **	03/01/04	6.54	6.57
		13.4	13.11 **	12/02/03	7.64	5.47
		13.4	13.11 **	09/15/03	7.29	5.82
First	M09-06 ‡	13.8	13.59 **	11/09/04	7.56	6.03
		13.8	13.59 **	06/15/04	7.44	6.15
		13.8	13.59 **	03/01/04	6.89	6.70
		13.8	13.59 **	12/02/03	7.98	5.61
		13.8	13.59 **	09/15/03	7.68	5.91
First	M10B-01	13.0	12.66 *	11/09/04	6.86	5.80
		13.0	12.66 *	06/15/04	6.81	5.85
		13.0	12.66 *	03/01/04	5.92	6.74
		13.0	12.66 *	12/02/03	7.28	5.38
		13.0	12.66 *	09/15/03	7.30	5.36
		13.0	12.66 *	06/23/03	6.75	5.91
		13.0	12.66 *	04/07/03	6.36	6.30
		13.0	12.66 *	12/12/02	6.88	5.78
		13.0	12.66 *	09/03/02	6.60	6.06
		13.0	12.66 *	06/18/02	6.26	6.40
First	M13-06	12.4	12.19 *	11/09/04	5.39	6.80
		12.4	12.19 *	06/15/04	NM	NC
		12.4	12.19 *	03/01/04	2.39	9.80
		12.4	12.19 *	12/03/03	5.90	6.29
		12.4	12.19 *	09/15/03	5.95	6.24
		12.4	12.19 *	06/23/03	5.25	6.94
		12.4	12.19 *	04/07/03	4.63	7.56
		12.4	12.19 *	12/12/02	5.72	6.47
		12.4	12.19 *	06/18/02	5.29	6.90
First	M13-07	12.9	12.59 *	11/09/04	5.40	7.19
		12.9	12.59 *	06/15/04	5.19	7.40
		12.9	12.59 *	03/01/04	2.81	9.78
		12.9	12.59 *	12/02/03	5.54	7.05
		12.9	12.59 *	09/15/03	5.78	6.81
		12.9	12.59 *	06/23/03	4.90	7.69
		12.9	12.59 *	04/07/03	4.45	8.14
		12.9	12.59 *	12/12/02	5.62	6.97
		12.9	12.59 *	06/18/02	4.97	7.62
First	M13-08	11.6	11.31 *	11/09/04	3.01	8.30
		11.6	11.31 *	06/15/04	3.04	8.27
		11.6	11.31 *	03/01/04	1.05	10.26
		11.6	11.31 *	12/02/03	3.21	8.10
		11.6	11.31 *	09/15/03	3.32	7.99
		11.6	11.31 *	06/23/03	2.60	8.71
		11.6	11.31 *	04/07/03	1.65	9.66

Table 9-2
Summary of Groundwater Level Measurements at Installation Restoration Site 9 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M13-08	11.6	11.31 *	12/12/02	3.40	7.91
		11.6	11.31 *	06/20/02	2.90	8.41
First	M13-09	11.9	11.54 *	11/09/04	3.36	8.18
		11.9	11.54 *	06/15/04	3.31	8.23
		11.9	11.54 *	06/19/02	3.03	8.51
		11.9	11.54 *	03/01/04	NA	NC
		11.9	11.54 *	12/02/03	3.73	7.81
		11.9	11.54 *	09/16/03	3.94	7.60
		11.9	11.54 *	06/23/03	3.05	8.49
		11.9	11.54 *	04/08/03	2.44	9.10
		11.9	11.54 *	12/17/02	2.05 §	9.49
First	M13-P	12.5	12.36	11/09/04	4.99	7.37
		12.5	12.36	06/15/04	4.83	7.53
		12.5	12.36	03/01/04	2.50	9.86
		12.5	12.36	12/02/03	5.36	7.00
		12.5	12.36	09/15/03	4.94	7.42
First	MW-001	12.6	13.82 *	11/09/04	5.11	8.71
		12.6	13.82 *	06/16/04	4.7	9.12
		12.6	13.82 *	03/01/04	2.80	11.02
		12.6	13.82 *	12/02/03	6.48	7.34
		12.6	13.82 *	09/15/03	6.48	7.34
		12.6	13.82 *	06/23/03	5.50	8.32
		12.6	13.82 *	04/07/03	4.62	9.20
		12.6	13.82 *	12/17/02	3.26 §	10.56
		12.6	13.82 *	06/18/02	6.00	7.82
First	MW410-1	13.0	12.41 *	11/09/04	5.82	6.59
		13.0	12.41 *	06/15/04	5.58	6.83
		13.0	12.41 *	03/01/04	4.49	7.92
		13.0	12.41 *	12/02/03	6.09	6.32
		13.0	12.41 *	09/15/03	5.93	6.48
		13.0	12.41 *	06/23/03	5.35	7.06
		13.0	12.41 *	04/07/03	5.05	7.36
		13.0	12.41 *	12/12/02	6.07	6.34
		13.0	12.41 *	09/03/02	5.75	6.66
		13.0	12.41 *	06/18/02	5.28	7.13
First	MW410-2	13.9	13.15 *	11/09/04	7.14	6.01
		13.9	13.15 *	06/15/04	6.98	6.17
		13.9	13.15 *	03/01/04	6.32	6.83
		13.9	13.15 *	12/02/03	7.48	5.67
		13.9	13.15 *	09/15/03	7.21	5.94
		13.9	13.15 *	06/23/03	7.80	5.35
		13.9	13.15 *	04/07/03	6.45	6.70
		13.9	13.15 *	12/12/02	7.12	6.03
		13.9	13.15 *	09/03/02	6.83	6.32
		13.9	13.15 *	06/18/02	6.43	6.72
First	MW410-3	12.3	11.77 *	11/09/04	5.85	5.92
		12.3	11.77 *	06/15/04	5.7	6.07
		12.3	11.77 *	03/01/04	5.05	6.72

Table 9-2
Summary of Groundwater Level Measurements at Installation Restoration Site 9 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	MW410-3	12.3	11.77 *	12/02/03	6.11	5.66
		12.3	11.77 *	09/15/03	5.90	5.87
		12.3	11.77 *	06/24/03	5.27	6.50
		12.3	11.77 *	04/07/03	5.11	6.66
		12.3	11.77 *	12/12/02	5.70	6.07
		12.3	11.77 *	09/03/02	5.33	6.44
		12.3	11.77 *	06/18/02	5.00	6.77
First	MW410-4	13.0	12.31 *	11/09/04	9.47	2.84
		13.0	12.31 *	06/15/04	6.41	5.90
		13.0	12.31 *	03/01/04	6.11	6.20
		13.0	12.31 *	12/02/03	7.14	5.17
		13.0	12.31 *	09/15/03	6.76	5.55
		13.0	12.31 *	06/24/03	6.06	6.25
		13.0	12.31 *	04/07/03	6.00	6.31
		13.0	12.31 *	12/12/02	6.22	6.09
		13.0	12.31 *	09/03/02	5.76	6.55
		13.0	12.31 *	06/18/02	5.37	6.94
First	MW530-2	12.8	12.22 *	11/09/04	6.62	5.60
		12.8	12.22 *	06/15/04	6.87	5.35
		12.8	12.22 *	03/01/04	8.13	4.09
		12.8	12.22 *	12/02/03	8.32	3.90
		12.8	12.22 *	09/15/03	7.28	4.94
		12.8	12.22 *	06/23/03	6.75	5.47
		12.8	12.22 *	04/07/03	6.71	5.51
		12.8	12.22 *	12/12/02	6.28	5.94
		12.8	12.22 *	06/18/02	5.09	7.13
First	MW530-3	11.1	11.80 *	11/09/04	4.47	7.33
		11.1	11.80 *	06/15/04	4.92	6.88
		11.1	11.80 *	03/01/04	4.26	7.54
		11.1	11.80 *	12/02/03	4.89	6.91
		11.1	11.80 *	09/15/03	5.33	6.47
		11.1	11.80 *	06/23/03	4.69	7.11
		11.1	11.80 *	04/07/03	4.23	7.57
		11.1	11.80 *	12/12/02	4.21	7.59
		11.1	11.80 *	06/18/02	3.82	7.98
First	MW547-3	14.1	13.70 *	11/09/04	5.69	8.01
		14.1	13.70 *	06/15/04	4.23	9.47
		14.1	13.70 *	03/01/04	2.95	10.75
		14.1	13.70 *	12/02/03	5.85	7.85
		14.1	13.70 *	09/15/03	5.56	8.14
		14.1	13.70 *	06/23/03	4.65	9.05
		14.1	13.70 *	04/07/03	4.28	9.42
		14.1	13.70 *	12/12/02	5.73	7.97
		14.1	13.70 *	09/03/02	6.67	7.03
		14.1	13.70 *	06/20/02	4.90	8.80
First	MWD13-3	12.7	12.50 *	11/09/04	4.96	7.54
		12.7	12.50 *	06/15/04	4.82	7.68
		12.7	12.50 *	03/01/04	3.45	9.05

Table 9-2
Summary of Groundwater Level Measurements at Installation Restoration Site 9 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	MWD13-3	12.7	12.50 *	12/02/03	4.93	7.57
		12.7	12.50 *	09/15/03	5.30	7.20
		12.7	12.50 *	06/23/03	4.65	7.85
		12.7	12.50 *	04/07/03	4.29	8.21
		12.7	12.50 *	12/12/02	5.44	7.06
		12.7	12.50 *	06/19/02	4.71	7.79
First	MWD13-4	14.0	13.67 *	11/09/04	6.17	7.50
		14.0	13.67 *	06/15/04	5.99	7.68
		14.0	13.67 *	03/01/04	4.63	9.04
		14.0	13.67 *	12/02/03	6.13	7.54
		14.0	13.67 *	09/15/03	6.48	7.19
		14.0	13.67 *	06/23/03	5.83	7.84
		14.0	13.67 *	04/07/03	5.47	8.20
		14.0	13.67 *	12/12/02	6.64	7.03
		14.0	13.67 *	09/03/02	6.51	7.16
		14.0	13.67 *	06/19/02	5.60	8.07
First	MWOR-1 ‡	12.5	12.35 **	11/09/04	5.42	6.93
		12.5	12.35 **	06/15/04	4.96	7.39
		12.5	12.35 **	03/01/04	3.80	8.55
		12.5	12.35 **	12/02/03	5.84	6.51
		12.5	12.35 **	09/15/03	5.86	6.49
		12.5	12.35 **	06/23/03	5.00	7.35
		12.5	12.35 **	04/07/03	4.57	7.78
First	MWOR-2 ‡	12.6	12.12 **	11/09/04	5.29	6.83
		12.6	12.12 **	06/15/04	5.08	7.04
		12.6	12.12 **	03/01/04	3.70	8.42
		12.6	12.12 **	12/02/03	5.62	6.50
		12.6	12.12 **	09/15/03	5.45	6.67
		12.6	12.12 **	06/23/03	4.60	7.52
		12.6	12.12 **	04/07/03	NF	NC
First	MWOR-3 ‡	13.4	12.94 **	11/09/04	4.67	8.27
		13.4	12.94 **	06/15/04	4.34	8.60
		13.4	12.94 **	03/01/04	0.96	11.98
		13.4	12.94 **	12/02/03	5.37	7.57
		13.4	12.94 **	09/15/03	4.94	8.00
		13.4	12.94 **	06/23/03	4.05	8.89
		13.4	12.94 **	04/07/03	3.31	9.63
First	MWOR-4	11.8	11.47 *	11/09/04	3.58	7.89
		11.8	11.47 *	06/15/04	3.5	7.97
		11.8	11.47 *	03/01/04	NA	NC
		11.8	11.47 *	12/02/03	3.88	7.59
		11.8	11.47 *	09/15/03	4.13	7.34
		11.8	11.47 *	06/24/03	3.35	8.12
		11.8	11.47 *	04/08/03	2.61	8.86
		11.8	11.47 *	12/12/02	3.89	7.58
		11.8	11.47 *	06/19/02	3.36	8.11
First	MWOR-5 ‡	12.4	11.66 **	11/09/04	4.03	7.63
		12.4	11.66 **	06/15/04	4.25	7.41

Table 9-2
Summary of Groundwater Level Measurements at Installation Restoration Site 9 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	MWOR-5 ‡	12.4	11.66 **	03/01/04	NA	NC
		12.4	11.66 **	12/02/03	NF	NC
		12.4	11.66 **	09/15/03	4.57	7.09
		12.4	11.66 **	06/24/03	4.06	7.60
		12.4	11.66 **	04/08/03	2.22	9.44
Second	D07C-01	13.0	12.75 *	11/09/04	4.79	7.96
		13.0	12.75 *	06/15/04	4.86	7.89
		13.0	12.75 *	03/01/04	3.26	9.49
		13.0	12.75 *	12/02/03	5.10	7.65
		13.0	12.75 *	09/15/03	5.14	7.61
		13.0	12.75 *	06/23/03	4.70	8.05
		13.0	12.75 *	04/07/03	4.40	8.35
		13.0	12.75 *	12/12/02	5.14	7.61
		13.0	12.75 *	07/11/02	4.64	8.11
Second	D09-01	13.8	13.50 *	11/09/04	7.79	5.71
		13.8	13.50 *	06/15/04	7.76	5.74
		13.8	13.50 *	03/01/04	6.76	6.74
		13.8	13.50 *	12/02/03	6.16	7.34
		13.8	13.50 *	09/15/03	8.01	5.49
		13.8	13.50 *	06/23/03	7.80	5.70
		13.8	13.50 *	04/07/03	7.84	5.66
		13.8	13.50 *	12/12/02	8.12	5.38
		13.8	13.50 *	09/03/02	8.20	5.30
		13.8	13.50 *	06/28/02	9.60	3.90
Second	D10B-01 ‡	11.1	10.97	11/09/04	4.41	6.56
		11.1	10.97	06/15/04	4.43	6.54
		11.1	10.97	03/01/04	3.96	7.01
		11.1	10.97	12/02/03	5.18	5.79
		11.1	10.97	09/15/03	4.95	6.02
Second	D10B-02	12.9	12.38 *	11/09/04	5.32	7.06
		12.9	12.38 *	06/15/04	5.31	7.07
		12.9	12.38 *	03/01/04	4.11	8.27
		12.9	12.38 *	12/02/03	5.66	6.72
		12.9	12.38 *	09/15/03	5.69	6.69
		12.9	12.38 *	06/23/03	5.25	7.13
		12.9	12.38 *	04/07/03	5.16	7.22
		12.9	12.38 *	12/12/02	5.54	6.84
		12.9	12.38 *	06/28/02	5.55	6.83
Second	D13-01	11.8	11.61 *	11/09/04	3.59	8.02
		11.8	11.61 *	06/15/04	3.69	7.92
		11.8	11.61 *	03/01/04	NA	NC
		11.8	11.61 *	12/03/03	4.05	7.56
		11.8	11.61 *	09/15/03	3.99	7.62
		11.8	11.61 *	06/24/03	3.55	8.06
		11.8	11.61 *	04/08/03	3.28	8.33
		11.8	11.61 *	12/12/02	3.95	7.66
		11.8	11.61 *	07/08/02	3.79	7.82
Second	D19-01	12.2	11.85 *	11/09/04	5.26	6.59

Table 9-2
Summary of Groundwater Level Measurements at Installation Restoration Site 9 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
Second	D19-01	12.2	11.85 *	06/15/04	5.34	6.51
		12.2	11.85 *	03/01/04	4.33	7.52
		12.2	11.85 *	12/02/03	5.71	6.14
		12.2	11.85 *	09/15/03	5.62	6.23
		12.2	11.85 *	06/23/03	5.40	6.45
		12.2	11.85 *	04/07/03	5.37	6.48
		12.2	11.85 *	12/09/02	5.68	6.17
		12.2	11.85 *	07/12/02	5.70	6.15
Second	M19-05 ‡	12.8	12.45 **	11/09/04	4.96	7.49
		12.8	12.45 **	03/01/04	4.14	8.31
		12.8	12.45 **	03/01/04	4.14	8.31
		12.8	12.45 **	12/02/03	5.50	6.95
		12.8	12.45 **	09/15/03	5.39	7.06
		12.8	12.45 **	06/24/03	NM	NC
		12.8	12.45 **	04/07/03	4.47	7.98

Notes:
BTOC = below top of casing
msl = mean sea level
NA = Well not accessible
NC = Groundwater elevation not calculated
NF = Monitoring well not found
NM = Water level not measured

* = Surveyed to NGVD 29 by Calvada Surveying in September 2002. Subsequently converted to NAVD 88 by Shaw Environmental, Inc. using the Corpscon software.
** = Converted from Mean Lower Low Water to NAVD 88 by Shaw Environmental, Inc. using the Tidal Datum Epoch (1960-1978) at Tidal Bench Mark 9414750
§ = Measured prior to purging well for sampling
‡ = Well used only for water level measurements. Not scheduled for sampling in the monitoring program.

Table 9-3

Groundwater Sample Analytical Results at IR Site 9 Group: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

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Table 9-3

Groundwater Sample Analytical Results at IR Site 9 Group: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	530MJ-MW1	2004 04 (Winter)	16,000	7,400	520	< 50.0	23,920	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 5.0	< 1.3	< 1.3	0.70 J	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	1,800	200 J	160 J	400	2,560	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	3,300	390	320	179	4,189	< 0.50	< 1.0	< 1.0 UJ	< 1.0	< 1.0	1.1 J	< 5.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	2,400	220 J	1,200	1,100	11,350	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	4.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	530MJ-MW2	2004 04 (Winter)	6,300	4,000	220 J	85.0	10,605	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	1,900	220 J	< 190	240	2,360	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	910	< 280	< 190	407	1,317	< 0.50	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	1,200	230 J	< 190	250	1,680	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	1.2 J	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	M07C-06	2004 04 (Winter)	440	79.0	360	< 50.0	879	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	140 J	< 280	< 190	< 50.0	140	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50 UJ	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M07C-08	2004 04 (Winter)	< 50.0	< 50.0	94.0 J	< 50.0	94.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50
	M07C-09	2004 04 (Winter)	120	< 50.0	310	< 50.0	430	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 200	< 300	< 200	< 50.0	< 300	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	0.21 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50 UJ	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 280 UJ	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	100 J	< 280	140 J	< 50.0	240	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50 J	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	150	< 50.0	290 J	< 50.0	1,060	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.90	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M10B-01	2004 04 (Winter)	660	53.0	530	< 50.0	1,243	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Table 9-3

Groundwater Sample Analytical Results at IR Site 9 Group: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M10B-01	2004 01 (Spring)	< 200	< 300	< 200	**34.0 J**	**34.0**	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50 UJ	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 200	< 290 UJ	< 200	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0 UJ	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M13-06	2004 04 (Winter)	**780**	**75.0**	**550**	< 50.0	**1,405**	-	-	-	-	-	-	< 0.50	-	-	-	-	-	-	-	-	-	-	< 0.50	-	-
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50
	M13-07	2004 04 (Winter)	**11,000**	**6,100**	**360**	**280**	**17,740**	< 0.50	**0.60**	< 0.50	< 0.50	**0.20 J**	**140**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	**160**	**320**	< 300	**260**	**740**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**64.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	**2,300**	**830**	< 190	**920**	**4,050**	< 0.50	< 1.0	< 1.0	< 1.0	**0.49 J**	**170 J**	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	**340**	**250 J**	< 190	**410**	**1,000**	< 0.50	**0.44 J**	< 1.0	< 1.0	< 1.0	**39.0**	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	**450**	**810**	< 300	**520**	**1,780**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	**190**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	**580**	**1,100**	< 300	**530**	**2,210**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**210**	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M13-08	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.10 J**	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M13-09	2004 04 (Winter)	**980**	**76.0**	**480**	< 50.0	**1,536**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	**0.34 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**1.7 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	**680**	**71.0**	**840**	< 50.0	**1,591**	< 0.50	< 0.50	**1.3**	**1.6**	< 0.50	**1.1 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.50 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M13-P	2004 04 (Winter)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	**0.30 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**1.1**	< 0.50	< 0.50
		2004 02 (Summer)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	**0.30 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.60**	< 0.50	< 0.50
		2004 01 (Spring)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	-	-	-	-	-	< 0.50	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 2.0	**0.20 J**	< 1.0	< 1.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	**0.51**	< 1.0	< 0.50
		2003 03 (Fall)	-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	MW-001	2004 04 (Winter)	**6,000**	**1,800**	**1,400**	**110**	**9,310**	< 0.50	**0.40 J**	< 0.50	< 0.50	< 0.50	**1.5 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Table 9-3

Groundwater Sample Analytical Results at IR Site 9 Group: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	MW-001	2004 02 (Summer)	560	230	440	150	1,380	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.20 J	< 0.50	< 0.50 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	2,400	< 280	1,500	270	4,170	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50 UJ	< 1.0	< 0.50
		2003 02 (Summer)	1,600	< 280	470	80.0	2,150	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	1.5 J	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	580	200	450	74.0	1,304	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	960	540	640	230	2,370	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	11.0	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	MW410-1	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	330	< 50.0	1,109	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 200 UJ	< 300 UJ	< 200 UJ	< 50.0	< 300	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	0.70	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	0.10 J	0.50 J	< 0.50	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	MW410-2	2004 04 (Winter)	-	-	-	< 50.0	< 50.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	2.3	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	10.0	< 0.50	0.70	< 0.50	< 0.50	3.7
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	2.0	0.40 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	8.4 J	< 0.50	0.60	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	28.0 J	28.0	0.31 J	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	3.6 J	0.39 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	9.6	0.23 J	0.59 J	< 0.50	< 1.0	4.1
		2003 04 (Winter)	180 J	< 300	< 200	40.0 J	220	0.92	0.26 J	< 1.0	< 1.0	< 1.0	< 2.0 UJ	9.2	1.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.41 J	19.0	0.55 J	1.9	< 0.50	5.9	17.0
		2003 03 (Fall)	150 J	< 280 UJ	< 190	50.0	200	0.94	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	8.3	1.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	20.0	0.55 J	2.2	< 0.50	< 1.0	23.0
		2003 02 (Summer)	300	< 280	< 190	60.0	360	0.88	0.24 J	0.29 J	< 1.0	< 1.0	< 2.0	7.0	1.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	18.0	0.62 J	1.9	< 0.50	< 1.0	22.0
		2003 01 (Spring)	< 50.0	< 50.0	< 300	97.0	97.0	0.90	0.20 J	0.80	0.30 J	0.50 J	0.30 J	4.2	1.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	7.8	0.50	2.5	< 0.50	< 0.50	20.0
		2002 04 (Winter)	130	95.0	< 300	110	335	1.4	0.60	4.7	2.3	1.5	< 2.0	8.3	1.8	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	7.4	0.90	5.4	< 0.50	< 0.50	12.0
		2002 03 (Fall)	< 50.0	< 50.0	< 300	160	160	1.2	0.40 J	9.6	30.0	12.0	1.5 J	14.0	1.5	< 0.50	< 0.50	< 0.50	< 0.50	0.10 J	< 0.50	9.9	0.80	3.8	< 0.50	< 0.50	9.6
		2002 02 (Summer)	< 50.0	< 50.0	< 300	90.0	90.0	0.90	< 0.50	0.50 J	< 0.50	< 0.50	0.50 J	11.0 J	0.90	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	8.5 J	0.70	2.5	< 0.50	< 0.50	9.9
	MW410-3	2004 04 (Winter)	38.0 J	< 50.0	< 300	< 50.0	38.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.7	1.7	< 0.50	0.60	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.5	1.4	< 0.50	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	37.0 J	37.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	3.1	1.3	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 290	350	< 50.0	350	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	7.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	3.7	1.4	< 1.0	0.23 J	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 290 UJ	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	0.40 J	< 1.0	< 1.0	< 1.0	< 1.0	2.6	1.2	< 1.0	0.36 J	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	0.86 J	< 1.0	< 1.0	< 1.0	< 1.0	4.2	1.5	< 1.0	0.28 J	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	190 J	< 50.0	190	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	1.0	< 0.50	< 0.50	< 0.50	< 0.50	4.0	1.7 J	< 0.50	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0 UJ	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.0	0.90	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	6.1	1.6	< 0.50	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	5.5	1.4	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	MW410-4	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50

Table 9-3

Groundwater Sample Analytical Results at IR Site 9 Group: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	MW410-4	2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	1.9 J	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	0.21 J	< 0.50
		2003 03 (Fall)	< 200 UJ	< 290 UJ	< 200 UJ	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0 UJ	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	MW530-2	2004 04 (Winter)	310	< 50.0	120 J	< 50.0	430	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.6	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	6.9	0.10 J	0.30 J	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 2.0	0.23 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	3.5	< 1.0	0.23 J	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	55.0	< 50.0 UJ	< 300	< 50.0	55.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	MW530-3	2004 04 (Winter)	150	< 50.0	< 300	< 50.0	150	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	240	150	< 300	21.0 J	411	< 0.50 J	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	MW547-3	2004 04 (Winter)	870	1,400	120 J	990	3,380	1.8	0.70	7.0	< 0.70	0.50 J	200	0.30 J	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70
		2004 02 (Summer)	< 50.0	110	< 300	240	350	0.50	< 0.50	0.60	< 0.50	< 0.50	9.4	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	570	1,200	< 190	4,600	6,370	170	1.2	34.0	11.0	3.2	350	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	300	1,800	< 190	3,100	5,200	100	0.89 J	26.0 J	2.6 J	1.1 J	460	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3.9 J	< 1.0	< 1.0	2.4 J	< 0.50 UJ	27.0 J	< 0.50
		2003 03 (Fall)	260	2,000	< 190	3,200	11,030	180	< 1.0 UJ	21.0 J	2.5 J	0.92 J	220	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	690	2,200	< 190	3,100	5,990	850	0.91 J	25.0 J	1.8 J	1.0 J	330	< 5.0	< 1.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	180	1,300	< 300	5,100	6,580	1,300	1.3 J	34.0	< 3.6	< 3.6	370	< 3.6	< 3.6	2.4 J	< 3.6	< 3.6	2.6 J	1.9 J	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6
		2002 04 (Winter)	110	1,100	< 300	3,400	4,610	690	1.0	34.0	1.5	0.70	380	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	180	1,000	< 300	4,500	5,680	1,300	0.70 J	26.0	2.0 J	< 3.6	290	< 3.6	< 3.6	0.80 J	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6
		2002 02 (Summer)	220	1,300	< 300	7,900	9,420	2,800	< 8.3	38.0	7.9 J	< 8.3	280	< 8.3	< 8.3	< 8.3	< 8.3	< 8.3	< 8.3	< 8.3	< 8.3	< 8.3	< 8.3	< 8.3	< 8.3	< 8.3	< 8.3
	MWD13-3	2004 04 (Winter)	74.0	< 50.0	< 300	< 50.0	74.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.20 J	0.60	< 0.50	0.40 J	< 0.50	2.0	< 0.50	0.80	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.70	< 0.50	0.30 J	< 0.50	2.9	< 0.50	0.80	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	0.40 J	< 1.0	< 1.0	< 1.0	< 1.0	0.33 J	0.48 J	< 1.0	0.61 J	< 1.0	1.9	< 0.50	1.7	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	0.42 J	< 1.0	< 1.0	< 1.0	< 1.0	0.32 J	0.63 J	< 1.0	0.28 J	< 1.0	3.4	< 0.50	0.75 J	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	0.40 J	< 0.50	< 0.50	< 0.50	< 0.50	1.3	< 0.50	2.8	< 0.50
		2002 02 (Summer)	55.0	< 50.0	73.0 J	< 50.0	128	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.50 J	0.60	< 0.50	< 0.50 J	< 0.50	2.9	< 0.50	1.4	< 0.50
	MWD13-4	2004 04 (Winter)	160	< 50.0	220 J	< 50.0	380	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.8	0.40 J	< 0.50	< 0.50	< 0.50	< 0.50	15.0	3.3	0.40 J	3.5	< 0.50	7.5	< 0.50	1.5	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	1.8 J	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	14.0	2.8	0.30 J	2.9	0.10 J	6.3	< 0.50	1.3	< 0.50
		2004 01 (Spring)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	0.86 J	0.29 J	< 1.0	< 1.0	< 1.0	< 1.0	9.5	1.5	< 1.0	1.1	< 1.0	4.2	< 0.50	2.3	< 0.50

Table 9-3

Groundwater Sample Analytical Results at IR Site 9 Group: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	MWD13-4	2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	**0.20 J**	< 1.0	< 1.0	< 1.0	< 1.0	**2.3 J**	**0.53 J**	< 1.0	< 1.0	< 1.0	< 1.0	**24.0**	**3.4**	**0.40 J**	**2.4**	< 1.0	**7.5**	< 0.50	**3.6**	< 0.50
		2003 03 (Fall)	< 190	< 280	< 190	< 50.0	< 280	**0.22 J**	< 1.0	< 1.0	< 1.0	< 1.0	**2.2**	**0.26 J**	< 1.0	< 1.0	< 1.0	< 1.0	**14.0**	**3.0**	**0.36 J**	**3.1**	< 1.0	**8.3**	< 0.50	**2.3**	< 0.50
		2003 02 (Summer)	< 200	< 290	< 200	< 50.0	< 290	**0.21 J**	< 1.0	< 1.0	< 1.0	< 1.0	**2.1**	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	**17.0**	**3.2**	**0.36 J**	**3.3**	< 1.0	**8.3**	< 0.50	**2.7**	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	**0.20 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 2.3 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**12.0**	**2.6**	**0.20 J**	**2.2**	< 0.50	**6.0**	< 0.50	**2.3**	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0 UJ	< 300	**18.0 J**	**18.0**	**0.30 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 2.7	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**17.0 J**	**3.6**	**0.30 J**	**2.6**	< 0.50	**7.6**	< 0.50	**0.80**	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	**34.0 J**	**34.0**	**0.20 J**	< 0.50	**0.10 J**	**0.40 J**	**0.10 J**	**2.2**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**22.0**	**4.2**	**0.40 J**	**3.2**	< 0.50 J	**9.8**	< 0.50	**2.6**	< 0.50
		2002 02 (Summer)	**150**	< 50.0	**210 J**	< 50.0	**360**	< 0.50	**0.40 J**	< 0.50	< 0.50	< 0.50	**1.8 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**18.0**	**3.3**	**0.40 J**	**3.4**	< 0.50	**9.0**	< 0.50	**3.2**	< 0.50
	MWOR-4	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	-	-	-	< 50.0	< 50.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
SWBZ	D07C-01	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	**22.0 J**	< 50.0	< 300	< 50.0	**22.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 200	< 290	< 200	< 50.0	< 300	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50
	D09-01	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	**33.0 J**	< 50.0	< 300	< 50.0	**33.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 280 UJ	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	-	-	-	< 50.0	< 50.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0 UJ	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	**0.30 J**	< 0.50	**0.10 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	D10B-02	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	**27.0 J**	< 50.0	< 300	< 50.0	**27.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0 UJ	**65.0 J**	< 50.0	**65.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	D13-01	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	**0.32 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50

Table 9-3

Groundwater Sample Analytical Results at IR Site 9 Group: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	**NA**	**NA**	**NA**	**NA**	**NA**	**1.0**	**150**	**300**	**1,750**	**1,750**	**NA**	**13.0**	**70.0**	**600**	**NA**	**5.0**	**5.0**	**5.0**	**6.0**	**6.0**	**10.0**	**5.0**	**0.50**	**200**	**0.50**
		BV:	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
Well Number		**Event** **AWQC:**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
SWBZ	D13-01	2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	D19-01	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50 UJ	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	**24.0 J**	**24.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Table 9-4

Groundwater Sample Analytical Results at IR Site 9 Group: Dissolved Metals

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

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Table 9-4
Groundwater Sample Analytical Results at IR Site 9 Group: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																		Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M07C-06	2004 04 (Winter)		0.77 J	10.0	80.0	< 2.0	< 5.0	0.49 J	0.92 J	0.81 J	0.049 J	670	< 0.20	1.4 J	2.5 J	< 5.0	< 5.0	< 5.0	1.3 J	41.0	< 100	830	29.0 J	6.3 J	1.4 J	8.8
	2004 02 (Summer)		0.23 J	100	440	< 1.0	< 1.0	0.56 J	2.5	1.1	0.10 J	6,700	< 0.20	2.8 J	5.1	1.0	< 1.0	< 1.0	0.77 J	13.0	< 50.0	21,000	230	71.0	5.1	74.0
	2003 04 (Winter)		< 5.0 UJ	87.0	558	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0 UJ	8,040	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	< 20.0	< 200	26,200	235	72.6	4.1	68.9
	2003 02 (Summer)		< 50.0	112	670	< 4.0	< 5.0	< 10.0	3.0 J	< 10.0	< 10.0	8,050	< 0.40 UJ	< 50.0	4.6 J	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	26,100	243	76.4	6.1 J	83.0
	2002 04 (Winter)		0.17 J	96.0	530	< 2.0	< 5.0	< 10.0	2.1 J	0.61 J	< 3.0	7,800	< 0.20	2.4 J	< 20.0 UJ	< 5.0 UJ	< 5.0	< 2.0	< 10.0	< 20.0	7.2 J	22,000	230	69.0	4.5	71.0
	2002 02 (Summer)		0.24 J	12.0	500	< 2.0	0.26 J	1.5 J	3.1 J	0.71 J	0.17 J	6,000	< 0.20	< 20.0	6.1 J	0.90 J	< 5.0	< 2.0	4.4 J	18.0 J	< 100	2,000	190	52.0	4.6	47.0
M07C-08	2004 04 (Winter)		2.2	3.1 J	110	< 2.0	< 5.0	0.72 J	0.44 J	12.0	0.29 J	110	0.062 J	4.3 J	21.0	< 5.0	< 5.0	< 5.0	5.5 J	11.0 J	< 100	< 100	59.0 J	10.0 J	10.0 J	21.0
	2004 02 (Summer)		3.6	4.3	97.0	< 1.0	0.26 J	0.46 J	1.1	18.0	0.17 J	230	< 0.20	4.6 J	32.0	< 1.0	< 1.0	< 1.0	8.4	14.0	8.8 J	< 100	51.0 J	7.1	11.0	15.0
	2003 04 (Winter)		< 5.0 UJ	< 50.0	92.4 J	< 4.0	< 5.0	< 10.0	< 10.0	10.7	< 10.0 UJ	32.4	< 0.40	< 50.0	16.8 J	< 20.0	< 10.0	< 5.0 UJ	11.4 J	10.7 J	< 200	< 100	58.1	10.7	9.1	25.5
	2003 02 (Summer)		< 50.0	< 50.0	72.3 J	< 4.0	< 5.0	< 10.0	< 10.0	5.5 J	< 10.0	6.4 J	< 0.40 UJ	< 50.0	9.3 J	< 20.0	< 10.0	< 5.0	8.1 J	< 20.0	< 200	< 100	41.4	5.5	7.1 J	12.9
	2002 04 (Winter)		3.2 J	5.9	72.0	< 2.0	< 5.0	1.7 J	0.34 J	38.0	< 3.0	2.1 J	0.15 J	3.4 J	< 20.0 UJ	< 5.0 UJ	< 5.0	< 2.0	8.6 J	4.9 J	110	300	40.0	4.9	8.9	13.0
	2002 02 (Summer)		< 60.0	< 5.0	180	< 2.0	< 5.0	< 10.0	< 20.0	12.0	< 3.0	140	< 0.20	5.3 J	20.0 J	< 5.0	< 5.0	< 5.0	4.7 J	12.0 J	4.9 J	40.0 J	87.0	13.0	16.0	32.0
M07C-09	2004 04 (Winter)		0.43 J	6.9	56.0	< 2.0	< 5.0	0.45 J	0.91 J	3.5 J	0.18 J	960	< 0.20	2.7 J	6.9 J	< 5.0	< 5.0	< 5.0	6.5 J	4.5 J	< 100	< 100	45.0 J	28.0 J	9.6 J	57.0
	2004 02 (Summer)		2.8	7.3	66.0	< 1.0	< 1.0	0.58 J	1.3	2.5	0.058 J	1,400	< 0.20	3.1 J	7.6	< 1.0	< 1.0	< 1.0	4.6	16.0	< 50.0	< 100	49.0	32.0	8.6	52.0
	2003 04 (Winter)		< 5.0 UJ	< 50.0	58.1 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0 UJ	1,540	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	< 20.0	< 200	< 100	47.2	29.6	9.3	63.9
	2003 02 (Summer)		< 50.0	6.5 J	90.2 J	< 4.0	< 5.0	< 10.0	< 10.0	1.4 J	< 10.0	2,030	< 0.40 UJ	< 50.0	7.8 J	< 20.0	< 10.0	< 5.0	5.7 J	< 20.0	< 200	< 100	65.0	36.4	15.3 J	61.1
	2002 04 (Winter)		0.097 J	5.7	45.0	< 2.0	< 5.0	< 10.0	1.2 J	0.64 J	< 3.0	1,100	< 0.20	2.4 J	< 20.0 UJ	< 5.0 UJ	< 5.0	< 2.0	< 10.0	< 20.0	4.6 J	< 100	33.0	23.0	4.3	84.0
	2002 02 (Summer)		< 50.0	5.1	70.0	< 2.0	< 5.0	2.2 J	< 10.0	4.0 J	< 3.0	1,200	< 0.20	< 20.0	6.7 J	0.36 J	< 5.0	< 2.0	10.0 J	1.9 J	< 100	110	54.0	29.0	10.0	65.0
FWBZ M10B-01	2004 04 (Winter)		1.3	8.7	36.0	< 2.0	< 5.0	< 10.0	0.27 J	1.4 J	0.079 J	220	0.051 J	3.0 J	< 20.0	1.3 J	< 5.0	< 5.0	3.7 J	5.9 J	< 100	1,300	36.0	35.0	30.0	440
	2004 02 (Summer)		< 1.0	9.4	45.0	< 1.0	< 1.0	0.60 J	0.35 J	4.5	0.25 J	370	< 0.20	3.0 J	< 20.0	1.2	< 1.0	< 1.0	3.1	40.0	4.3 J	2,000	42.0 J	48.0	35.0	670
	2003 04 (Winter)		< 5.0 UJ	< 50.0	26.2 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0 UJ	270	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	7.1 J	< 20.0	< 200	1,780	30.4	33.8	27.3	590
	2003 02 (Summer)		< 50.0	12.7 J	39.8 J	< 4.0	< 5.0	< 10.0	< 10.0	1.5 J	< 10.0	499	< 0.40 UJ	< 50.0	1.3 J	< 20.0	< 10.0	< 5.0	13.7 J	< 20.0	< 200	3,380	44.8	48.3	26.9 J	646
	2002 04 (Winter)		< 50.0	17.0	44.0	< 2.0	0.066 J	0.75 J	0.40 J	1.6 J	< 3.0	380	< 0.20	2.5 J	< 20.0 UJ	0.49 J	0.019 J	< 2.0	30.0	< 20.0	63.0 J	970	52.0	53.0	30.0	730
	2002 02 (Summer)		0.22 J	9.0	66.0	< 2.0	< 5.0	8.0 J	0.42 J	2.0 J	0.31 J	350	1.7	4.4 J	1.9 J	3.2 J	< 5.0	< 2.0	9.7 J	9.1 J	38.0 J	1,100	62.0	56.0	32.0	690
M13-06	2004 04 (Winter)		1.4	6.2	49.0	< 2.0	< 5.0	< 10.0	0.16 J	1.3 J	0.050 J	290	0.13 J	2.2 J	< 20.0	< 5.0	< 5.0	< 5.0	1.5 J	6.7 J	< 100	84.0 J	63.0	19.0	9.0	34.0
	2004 02 (Summer)		0.64 J	6.8	55.0	< 1.0	< 1.0	0.45 J	0.22 J	2.3	< 1.0	540	< 0.20	< 5.0	1.4	< 1.0	< 1.0	< 1.0	1.2	11.0	< 50.0	120	64.0	21.0	9.4	28.0
	2003 04 (Winter)		< 5.0	8.8 J	42.0 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	501 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	< 20.0	< 200	171	56.5	18.8	8.9	37.2
	2003 02 (Summer)		< 50.0	8.4 J	44.8 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	433 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	5.5 J	< 200	89.0 J	66.5 J	18.8 J	8.1 J	35.1 J
	2002 04 (Winter)		0.22 J	2.1 J	58.0	< 2.0	< 5.0	0.62 J	0.14 J	2.2 J	< 3.0	42.0	< 0.20	2.9 J	< 20.0 UJ	< 5.0 UJ	< 5.0	< 2.0	2.1 J	0.84 J	8.1 J	220	50.0	14.0	7.1	36.0
	2002 02 (Summer)		0.15 J	6.0	49.0	< 2.0	< 5.0	2.7 J	0.29 J	1.4 J	0.13 J	310	0.052 J	< 20.0	1.6 J	< 5.0	0.037 J	< 2.0	2.3 J	8.4 J	< 100	140	60.0	17.0	7.7	55.0
M13-07	2004 04 (Winter)		< 1.0	32.0	140	< 2.0	< 5.0	1.5 J	0.46 J	1.1 J	0.22 J	3,400	0.15 J	0.73 J	< 20.0	3.5 J	< 5.0	< 5.0	1.7 J	11.0 J	< 100	25,000	120	32.0	6.1	120
	2004 02 (Summer)		2.3	18.0	95.0	< 1.0	< 1.0	0.76 J	0.28 J	0.50 J	< 1.0	1,600	< 0.20	< 5.0	0.87 J	0.72 J	< 1.0	< 1.0	1.0	4.3	< 50.0	14,000	92.0	20.0	6.7	68.0
	2003 04 (Winter)		< 5.0	49.1 J	156	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	5,550 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	< 29.3	< 200	42,600	154	40.4	5.7	131
	2003 02 (Summer)		< 50.0	27.4 J	60.5 J	< 4.0	< 5.0	< 10.0	< 10.0	4.3 J	< 10.0	934 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	1.8 J	2.9 J	187 J	9,650	73.7 J	14.6 J	6.0 J	40.5 J
	2002 04 (Winter)		0.17 J	41.0	160	< 2.0	< 5.0	0.53 J	0.48 J	21.0	< 3.0	4,200	< 0.20	0.48 J	< 20.0 UJ	< 5.0 UJ	< 5.0	< 2.0	0.33 J	15.0 J	12.0 J	36,000	110	30.0	4.5	130
	2002 02 (Summer)		0.18 J	50.0	190	0.14 J	< 5.0	7.2 J	0.50 J	2.2 J	0.54 J	5,200	< 0.20	< 20.0	2.0 J	1.1 J	0.089 J	< 2.0	3.4 J	1.8 J	66.0 J	35,000	120	30.0	4.5	120
M13-08	2004 04 (Winter)		0.25 J	< 5.0	32.0	< 2.0	< 5.0	0.40 J	0.53 J	2.6 J	< 3.0	370	< 0.20	0.44 J	5.4 J	< 5.0	< 5.0	< 5.0	4.3 J	5.4 J	< 100	74.0 J	13.0 J	13.0 J	1.1 J	100
	2004 02 (Summer)		2.1	1.6	33.0	< 1.0	< 1.0	0.75 J	0.50 J	2.6	0.066 J	250	0.047 J	< 5.0	5.4	< 1.0	< 1.0	< 1.0	4.5	9.5	< 50.0	110	14.0	14.0	< 0.50	100

Table 9-4
Groundwater Sample Analytical Results at IR Site 9 Group: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																		Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M13-08	2003 04 (Winter)		< 5.0	< 50.0	33.9 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	83.8 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	6.1 J	< 20.0	< 200	< 100	14.2	14.2	< 2.2	113
	2003 02 (Summer)		< 50.0	< 50.0	42.2 J	< 4.0	< 5.0	< 10.0	< 10.0	1.6 J	< 10.0	599 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	4.4 J	3.2 J	< 200	< 100	16.1 J	16.6 J	0.81 J	106 J
	2002 04 (Winter)		< 50.0	0.58 J	37.0	< 2.0	< 5.0	< 10.0	0.42 J	2.4 J	< 3.0	150	< 0.20	0.41 J	< 20.0 UJ	< 5.0 UJ	< 5.0	< 2.0	3.7 J	2.8 J	9.6 J	< 100	14.0	14.0	0.68	110
	2002 02 (Summer)		0.051 J	< 5.0	42.0 J	< 2.0	< 5.0	< 10.0	0.42 J	2.3 J	0.81 J	140 J	< 0.20	0.42 J	4.0 J	< 5.0	< 5.0	< 2.0	7.0 J	17.0 J	< 100	7.4 J	16.0	17.0 J	0.75	120
M13-09	2004 04 (Winter)		0.56 J	6.2	140	< 2.0	< 5.0	0.52 J	2.0	1.1 J	< 3.0	3,500	< 0.20	0.56 J	4.6 J	< 5.0	< 5.0	< 5.0	0.90 J	7.2 J	< 100	14,000	75.0 J	25.0 J	2.8 J	36.0
	2004 02 (Summer)		1.5	3.3	160	< 1.0	< 1.0	0.49 J	1.3	1.1	0.090 J	2,400	< 0.20	< 5.0	4.2	0.81 J	< 1.0	< 1.0	1.2	18.0	< 50.0	4,400	80.0	25.0	3.0	36.0
	2003 04 (Winter)		< 5.0	< 50.0	137	< 4.0	2.3 J	< 10.0	< 10.0	< 10.0	< 10.0	4,890 J	0.21 J	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	< 20.0	< 200	10,900	77.0	25.6	< 2.4	37.8
	2003 02 (Summer)		< 50.0	< 50.0	175	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	1,060 J	< 0.40	< 50.0	< 20.0	3.9 J	< 10.0	< 5.0	1.7 J	8.3 J	< 200	2,070	79.7 J	25.4 J	3.6 J	33.5 J
	2002 04 (Winter)		0.24 J	0.21 J	120	< 2.0	< 5.0	< 10.0	0.94 J	1.1 J	< 3.0	2,800	< 0.20	0.66 J	< 20.0 UJ	< 5.0 UJ	< 5.0	< 2.0	< 10.0	6.0 J	24.0 J	650	73.0	25.0	2.4	36.0
	2002 02 (Summer)		< 50.0	< 5.0	120	< 2.0	0.065 J	2.3 J	< 10.0	0.85 J	< 3.0	1,400	< 0.20	< 20.0	4.1 J	0.68 J	< 5.0	< 2.0	1.5 J	14.0 J	< 100	420	78.0	23.0	2.6	34.0
MW-001	2004 04 (Winter)		1.6	17.0	160	< 2.0	< 5.0	1.5 J	1.1	0.54 J	0.40 J	2,100	< 0.20	5.0 J	16.0 J	< 5.0	< 5.0	< 5.0	2.5 J	5.2 J	< 100	31,000	61.0 J	39.0 J	19.0 J	44.0
	2004 02 (Summer)		1.8	3.1	130	< 1.0	< 1.0	0.93 J	0.22 J	1.0	0.080 J	1,900	< 0.20	0.57 J	< 20.0	< 1.0	< 1.0	< 1.0	< 1.1	3.7	5.1 J	25,000	51.0 J	31.0	22.0	29.0
	2003 04 (Winter)		< 5.0 UJ	< 50.0	120	< 4.0	< 5.0	< 10.0	10.4	< 10.0	< 10.0 UJ	1,640	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	32.3	< 200	14,800	46.1	28.1	17.2	36.6
	2003 02 (Summer)		< 50.0	18.8 J	288	< 4.0	< 5.0	< 10.0	1.5 J	< 10.0	< 10.0	1,980	< 0.40 UJ	10.6 J	24.5	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	21,400	59.2	38.1	28.5 J	35.1
	2002 04 (Winter)		0.54 J	9.7	100	< 2.0	< 5.0	1.2 J	27.0	4.6 J	6.7	3,700	< 0.20	1.5 J	< 20.0 UJ	< 5.0 UJ	< 5.0	< 2.0	1.3 J	25.0 J	97.0 J	60,000	92.0	49.0	29.0	54.0
	2002 02 (Summer)		0.44 J	11.0	140	< 2.0	< 5.0	3.1 J	0.61 J	0.57 J	0.52 J	920	< 0.20	< 20.0	2.9 J	< 5.0	< 5.0	< 2.0	2.2 J	0.89 J	110	8,700	41.0	26.0	16.0	45.0
MW410-1	2004 04 (Winter)		< 1.0	8.5	62.0	< 2.0	< 5.0	2.7 J	0.074 J	0.89 J	< 3.0	110	< 0.20	1.5 J	< 20.0	< 5.0	< 5.0	< 5.0	3.1 J	4.2 J	< 100	41.0 J	23.0	12.0	21.0	250
	2004 02 (Summer)		0.11 J	7.4	73.0	< 1.0	< 1.0	2.5	0.089 J	0.54 J	0.50 J	150	< 0.20	1.7 J	< 20.0	< 1.0	< 1.0	< 1.0	3.6	< 1.0	2.9 J	97.0 J	28.0 J	14.0	23.0	240
	2003 04 (Winter)		< 5.0	8.2 J	101	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	183	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	9.9 J	< 200	185	25.9	14.9	22.3	291
	2003 02 (Summer)		< 50.0	10.7 J	83.5 J	< 4.0	< 5.0	4.8 J	< 10.0	< 10.0	< 10.0	179 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	4.2 J	< 20.0	< 200	99.9 J	37.0 J	17.4 J	19.6 J	238 J
	2002 04 (Winter)		< 50.0	8.4	56.0	< 2.0	0.055 J	0.51 J	0.11 J	0.60 J	< 3.0	180	< 0.20	1.7 J	< 20.0 UJ	< 5.0 UJ	< 5.0	< 2.6	< 10.0	89.0 J	< 100	< 200	21.0	13.0	18.0	270
	2002 02 (Summer)		0.12 J	8.5	61.0	< 2.0	< 5.0	4.3 J	0.12 J	1.0 J	0.043 J	160	< 0.20	< 20.0	0.76 J	0.85 J	< 5.0	< 2.0	3.8 J	2.7 J	< 100	140	29.0	12.0	18.0	180
MW410-2	2004 02 (Summer)		0.12 J	31.0	170	< 1.0	< 1.0	0.21 J	0.54 J	0.59 J	0.30 J	690	< 0.20	0.94 J	< 20.0	< 1.0	< 1.0	< 1.0	< 1.0	5.2	3.6 J	1,500	61.0 J	32.0	19.0	74.0
	2003 04 (Winter)		< 5.0	44.5 J	196	< 4.0	< 5.0	< 10.0	6.0 J	< 10.0	< 10.0	919	< 0.40	< 50.0	25.7	< 20.0	< 10.0	< 5.0	< 50.0	7.2 J	< 200	2,860	69.0	35.8	20.6	108
	2003 02 (Summer)		< 50.0	35.4 J	246	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	966 J	< 0.40	< 50.0	21.2	< 20.0	< 10.0	< 5.0	< 50.0	3.1 J	< 200	3,440	79.8 J	42.5 J	27.1 J	124 J
	2002 04 (Winter)		< 50.0	37.0	290	< 2.0	0.073 J	0.80 J	2.3 J	0.59 J	< 3.0	1,300	< 0.20	0.49 J	16.0 J	< 5.0 UJ	< 5.0	< 2.0	< 10.0	< 20.0	< 100	4,400	90.0	49.0	23.0	190
	2002 02 (Summer)		0.12 J	28.0	270	< 2.0	< 5.0	7.5 J	1.7 J	1.0 J	1.1 J	930	< 0.20	< 20.0	31.0	< 5.0	< 5.0	< 2.0	2.6 J	1.4 J	< 100	2,500	90.0	45.0	19.0	150
MW410-3	2004 04 (Winter)		0.45 J	1.2 J	130	< 2.0	< 5.0	0.65 J	0.13 J	1.0 J	< 3.0	26.0	0.17 J	3.9 J	1.9 J	< 5.0	< 5.0	< 5.0	4.4 J	4.3 J	< 100	< 100	42.0 J	18.0 J	19.0 J	34.0
	2004 02 (Summer)		0.079 J	1.5	140	< 1.0	< 1.0	0.57 J	0.12 J	0.88 J	0.14 J	34.0	< 0.20	4.3 J	2.1	0.85 J	< 1.0	< 1.0	4.2	2.6	< 50.0	< 100	46.0	20.0	21.0	30.0
	2003 04 (Winter)		< 5.0 UJ	< 50.0	171	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0 UJ	36.6	-	< 50.0	< 20.0	< 20.0	< 10.0	-	8.5 J	< 20.0	< 200	< 100	57.9	24.2	23.0	28.6
	2003 02 (Summer)		< 50.0	< 50.0	156	< 4.0	< 5.0	1.7 J	< 10.0	< 10.0	< 10.0	47.0 J	< 0.40	6.3 J	< 20.0	< 20.0	< 10.0	< 5.0	4.0 J	< 20.0	< 200	< 100	54.4 J	23.5 J	20.8 J	35.8 J
	2002 04 (Winter)		< 50.0	0.77 J	120	< 2.0	0.074 J	0.76 J	0.12 J	0.85 J	< 3.0	43.0	< 0.20	5.2 J	< 20.0 UJ	< 5.0 UJ	< 5.0	< 2.0	2.8 J	1.6 J	< 100	< 140	44.0	19.0	18.0	26.0
	2002 02 (Summer)		0.090 J	1.4 J	150	< 2.0	0.22 J	2.2 J	0.17 J	2.9 J	0.51 J	110	< 0.20	4.2 J	4.8 J	0.45 J	< 5.0	< 2.0	4.1 J	5.5 J	5.7 J	110	54.0	22.0	21.0	30.0
MW410-4	2004 04 (Winter)		< 1.0	7.0	42.0	< 2.0	< 5.0	3.0 J	< 1.0	0.65 J	0.14 J	< 10.0	0.12 J	0.77 J	< 20.0	< 5.0	< 5.0	< 5.0	9.6 J	2.3 J	< 100	< 100	25.0	6.6	7.9	35.0
	2004 02 (Summer)		0.067 J	4.9	31.0	< 1.0	< 1.0	2.2	< 1.0	0.53 J	0.16 J	< 10.0	0.048 J	< 5.0	0.73 J	0.62 J	< 1.0	< 1.0	7.3	2.6	< 50.0	< 100	18.0	4.7	6.2	20.0
	2003 04 (Winter)		< 5.0	4.8 J	37.2 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	10.7 J	< 20.0	< 200	< 100	22.7	5.9	8.0	38.0
	2003 02 (Summer)		< 50.0	< 50.0	48.3 J	< 4.0	< 5.0	4.7 J	< 10.0	< 10.0	< 10.0	< 10.0	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	10.6 J	4.2 J	< 200	< 100	24.1 J	6.5 J	9.6 J	45.6 J
	2002 04 (Winter)		< 50.0	2.4 J	56.0	< 2.0	< 5.0	3.1 J	0.033 J	0.45 J	< 3.0	< 10.0	< 0.20	0.82 J	< 20.0 UJ	< 5.0 UJ	< 5.0	< 2.0	4.8 J	1.8 J	< 100	< 100	29.0	7.4	12.0	65.0

FWBZ

Table 9-4
Groundwater Sample Analytical Results at IR Site 9 Group: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																		Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW410-4	2002 02 (Summer)		0.10 J	3.6 J	61.0	< 2.0	< 5.0	7.1 J	0.033 J	0.48 J	0.029 J	< 10.0	< 0.20	< 20.0	0.47 J	0.50 J	< 5.0	< 2.0	7.0 J	< 20.0	< 100	54.0 J	29.0	7.5	12.0	64.0
MW530-2	2004 04 (Winter)		0.74 J	12.0	190	< 2.0	< 5.0	0.86 J	1.7	2.4 J	0.21 J	1,100	< 0.20	6.1 J	< 20.0	1.6 J	< 5.0	< 5.0	6.5 J	16.0 J	< 100	1,100	49.0	100	55.0	1,700
	2004 02 (Summer)		0.19 J	11.0	51.0	< 1.0	< 1.0	0.92 J	3.2	3.4	0.50 J	270	< 0.20	11.0	22.0	2.7	< 1.0	< 1.0	6.9	12.0	< 50.0	91.0 J	17.0	23.0	24.0	610
	2003 04 (Winter)		< 5.0	8.1 J	155	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	811	< 0.40	< 50.0	28.5	< 20.0	< 10.0	< 25.0	8.7 J	< 20.0	< 200	926	46.6	75.9	47.8	1,390
	2003 02 (Summer)		< 50.0	11.1 J	53.0 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	126 J	< 0.40	5.9 J	16.1 J	< 20.0	< 10.0	< 5.0	2.5 J	1.5 J	< 200	75.2 J	22.1 J	16.0 J	14.4 J	339 J
	2002 04 (Winter)		< 50.0	8.2	50.0	< 2.0	< 5.0	< 10.0	0.31 J	0.61 J	< 3.0	61.0	0.12 J	3.1 J	< 20.0 UJ	< 5.0 UJ	< 5.0	< 2.0	< 10.0	3.1 J	< 100	< 100	20.0	12.0	15.0	270
	2002 02 (Summer)		0.20 J	9.4	57.0	< 2.0	< 5.0	1.7 J	0.30 J	0.92 J	0.075 J	54.0	< 0.20	< 20.0	2.0 J	0.76 J	< 5.0	< 2.0	6.3 J	< 20.0	< 100	64.0 J	29.0	13.0	14.0	180
MW530-3	2004 04 (Winter)		0.70 J	3.7 J	81.0	< 2.0	0.25 J	0.39 J	0.19 J	2.4 J	0.049 J	180	< 0.20	2.0 J	1.1 J	< 5.0	< 5.0	< 5.0	3.8 J	8.9 J	< 100	440	90.0 J	11.0 J	9.6 J	31.0
	2004 02 (Summer)		0.24 J	9.5	110	< 1.0	0.37 J	< 1.0	0.11 J	4.6	0.33 J	44.0	< 0.20	6.3	< 20.0	< 1.0	< 1.0	< 1.0	6.8	4.3	9.2 J	< 100	74.0 J	20.0	15.0	110
	2003 04 (Winter)		< 5.0 UJ	< 50.0	14.9 J	< 4.0	< 5.0	< 10.0	< 10.0	6.2 J	< 10.0 UJ	14.5	-	< 50.0	< 20.0	< 20.0	< 10.0	-	10.2 J	< 20.4	< 200	< 100	13.2	1.2	< 1.8	< 6.7
	2003 02 (Summer)		< 50.0	13.2 J	27.4 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	123	< 0.40 UJ	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	66.1 J	40.1	6.3	5.3 J	23.7
	2002 04 (Winter)		< 50.0	16.0	47.0	< 2.0	0.19 J	< 10.0	0.11 J	0.84 J	< 3.0	290	< 0.20	2.1 J	< 20.0 UJ	< 5.0 UJ	< 5.0	< 2.0	< 10.0	33.0 J	< 100	420	76.0	8.2	5.9	30.0
	2002 02 (Summer)		< 50.0	18.0	45.0	< 2.0	< 5.0	1.7 J	0.090 J	0.31 J	< 3.0	170	< 0.20	< 20.0	0.42 J	< 5.0	< 5.0	< 2.0	0.93 J	1.7 J	< 100	220	75.0	6.4	5.7	22.0
MW547-3	2004 04 (Winter)		1.4	20.0	330	< 2.0	< 5.0	0.62 J	3.2	0.72 J	0.15 J	5,300	< 0.20	3.6 J	6.4 J	< 5.0	< 5.0	< 5.0	1.1 J	3.3 J	8.9 J	9,900	63.0 J	57.0 J	21.0 J	210
	2004 02 (Summer)		1.5	20.0	310	< 1.0	< 1.0	0.48 J	0.19 J	0.46 J	0.11 J	3,200	0.059 J	< 5.0	0.91 J	< 1.0	< 1.0	0.30 J	0.71 J	6.8	< 50.0	13,000	97.0	30.0	11.0	89.0
	2003 04 (Winter)		< 5.0	39.6 J	505	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	10,200	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	24,600	101	90.6	26.8	234
	2003 02 (Summer)		< 50.0	41.0 J	520 J	< 4.0	< 5.0	< 10.0	5.6 J	< 10.0	< 10.0	10,600 J	-	< 50.0	8.7 J	< 20.0	< 10.0	< 5.0	< 50.0	1.5 J	< 200	29,000 J	108	99.9	45.6 J	194 J
	2002 04 (Winter)		0.86 J	30.0	470	< 2.0	< 5.0	0.23 J	5.5 J	0.62 J	< 3.0	11,000	< 0.20	3.3 J	< 20.0 UJ	< 5.0 UJ	< 5.0	< 2.0	< 10.0	< 20.0	18.0 J	26,000	100	94.0	26.0	240
	2002 02 (Summer)		0.90 J	41.0	490 J	< 2.0	< 5.0	< 10.0	6.3 J	0.68 J	0.33 J	11,000 J	< 0.20	3.6 J	6.8 J	0.63 J	< 5.0	< 2.0	7.0 J	4.1 J	210	26,000	96.0	86.0 J	21.0	200
FWBZ	MWD13-3	2004 04 (Winter)	1.5	0.83 J	33.0	< 2.0	< 5.0	0.36 J	0.099 J	0.52 J	0.31 J	70.0	< 0.20	1.9 J	1.3 J	< 5.0	< 5.0	< 5.0	0.88 J	3.1 J	6.9 J	74.0 J	41.0 J	6.6 J	6.9 J	33.0
	2004 02 (Summer)		0.13 J	1.4	28.0	< 1.0	< 1.0	0.33 J	< 1.0	0.28 J	0.060 J	41.0	< 0.20	2.1 J	1.5	< 1.0	< 1.0	< 1.0	0.54 J	3.8	< 50.0	60.0 J	36.0	5.8	7.8	37.0
	2003 04 (Winter)		< 5.0 UJ	< 50.0	27.9 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0 UJ	56.8	-	< 50.0	< 20.0	< 20.0	< 10.0	-	< 50.0	< 20.0	< 200	58.8 J	34.9	5.6	6.5	29.9
	2003 02 (Summer)		< 50.0	< 50.0	34.6 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	44.0 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	61.6 J	65.1 J	39.3 J	6.3 J	8.9 J	42.7 J
	2002 04 (Winter)		0.57 J	0.64 J	< 41.0	< 2.0	< 5.0 UJ	< 10.0	0.17 J	1.1 J	0.20 J	44.0	< 0.20	< 20.0	2.3 J	< 5.0	< 5.0	< 2.0	5.3 J	120	23.0 J	< 130	32.0	5.4	3.5	30.0
	2002 02 (Summer)		< 50.0	< 5.0	22.0	< 2.0	< 5.0	0.88 J	< 10.0	0.31 J	< 3.0	23.0	< 0.20	< 20.0	1.4 J	1.3 J	< 5.0	< 2.0	1.5 J	0.70 J	9.8 J	72.0 J	30.0	4.6	7.8	38.0
MWD13-4	2004 04 (Winter)		0.91 J	3.9 J	9.3 J	< 2.0	< 5.0	0.47 J	< 1.0	1.2 J	0.12 J	< 10.0	0.058 J	5.2 J	2.1 J	< 5.0	< 5.0	< 5.0	20.0	1.7 J	500	< 100	16.0 J	< 0.50 J	12.0 J	170
	2004 02 (Summer)		2.0	4.5	9.7	< 1.0	< 1.0	0.59 J	< 1.0	1.7	0.12 J	1.0	< 0.20	5.4	1.7	< 1.0	< 1.0	0.18 J	21.0	7.6	360	51.0	15.0 J	0.0076 J	11.0	200
	2003 04 (Winter)		< 5.0 UJ	< 50.0	9.9 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0 UJ	< 10.0	-	< 50.0	< 20.0	< 20.0	< 10.0	-	24.6 J	< 20.0	439	< 100	17.2	< 0.50	12.4	191
	2003 02 (Summer)		< 50.0	6.4 J	10.9 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 0.40	8.8 J	< 20.0	< 20.0	< 10.0	< 5.0	25.7 J	< 20.0	507	< 100	18.0 J	< 0.50	18.1 J	177 J
	2002 04 (Winter)		0.60 J	3.9 J	9.3 J	< 2.0	< 5.0	< 10.0	0.046 J	0.83 J	< 3.0	0.23 J	< 0.20	5.7 J	< 20.0 UJ	< 5.0 UJ	< 5.0	< 2.0	17.0	2.1 J	380	< 100	16.0	< 0.50	11.0	220
	2002 02 (Summer)		< 50.0	< 5.0	10.0 J	< 2.0	< 5.0	0.75 J	< 10.0	0.52 J	< 3.0	< 10.0	< 0.20	< 20.0	1.6 J	0.85 J	< 5.0	< 2.0	19.0	1.4 J	340	36.0 J	17.0	0.014 J	11.0	180
MWOR-4	2004 04 (Winter)		0.51 J	< 5.0	65.0	< 2.0	< 5.0	0.57 J	0.079 J	1.4 J	< 3.0	< 10.0	0.053 J	0.78 J	2.4 J	< 5.0	< 5.0	< 5.0	2.4 J	23.0	< 100	120	30.0 J	40.0 J	12.0 J	170
	2004 02 (Summer)		2.8	1.2	53.0	< 1.0	< 1.0	1.3	< 1.0	0.85 J	< 1.0	< 10.0	< 0.20	< 5.0	1.2	2.3	< 1.0	< 1.0	2.9	4.7	< 50.0	< 100	20.0	9.9	3.4	16.0
	2003 04 (Winter)		< 5.0 UJ	< 50.0	69.0 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0 UJ	< 10.0	-	< 50.0	< 20.0	< 20.0	< 10.0	-	< 50.0	< 20.0	< 200	< 100	27.9	13.9	4.1	27.6
	2003 02 (Summer)		< 50.0	< 50.0	41.3 J	< 4.0	< 5.0	< 10.0	< 10.0	1.9 J	< 10.0	303	< 0.40 UJ	< 50.0	3.3 J	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	48.6 J	73.8	39.9	32.9 J	135
	2002 04 (Winter)		0.15 J	0.64 J	64.0	< 2.0	< 5.0	0.23 J	0.10 J	1.2 J	< 3.0	1.8 J	< 0.20	< 20.0	< 20.0 UJ	< 5.0 UJ	< 5.0	< 2.0	2.0 J	< 20.0	6.0 J	< 140	28.0	14.0	3.1	39.0
	2002 02 (Summer)		< 50.0	1.1 J	60.0	< 2.0	< 5.0	1.5 J	< 10.0	1.1 J	< 3.0	1.4 J	< 0.20	< 20.0	2.5 J	0.82 J	< 5.0	< 2.0	2.7 J	1.2 J	< 100	56.0 J	27.0	12.0	2.7	31.0
WB	D07C-01	2004 04 (Winter)	4.8 J	8.8 J	84.0	< 10.0	2.2 J	2.1 J	2.4 J	8.5 J	< 15.0	520	< 0.20	2.3 J	22.0 J	< 25.0	< 25.0	< 25.0	24.0 J	28.0 J	< 500	< 100	70.0 J	72.0 J	1.1 J	160

Table 9-4
Groundwater Sample Analytical Results at IR Site 9 Group: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																		Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D07C-01	2004 02 (Summer)		4.4	1.3	87.0	< 1.0	0.27 J	0.13 J	0.41 J	1.6	0.13 J	160	0.052 J	0.42 J	< 20.0	0.70 J	< 1.0	< 1.0	4.4	7.9	5.0 J	< 100	69.0 J	70.0	0.78	160
	2003 04 (Winter)		< 5.0	< 50.0	74.8 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	472 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	< 20.0	< 200	< 100	62.2	62.9	< 1.9	158
	2003 02 (Summer)		< 50.0	< 50.0	91.2 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	74.6	< 0.40 UJ	< 50.0	1.6 J	< 20.0	< 10.0	< 5.0	4.4 J	< 20.0	< 200	< 100	73.4	76.5	1.6 J	146
	2002 04 (Winter)		0.079 J	0.96 J	89.0	< 2.0	< 5.0	< 10.0	0.48 J	1.3 J	< 3.0	190	< 0.20	0.50 J	< 20.0 UJ	0.38 J	< 5.0	< 2.0	3.4 J	26.0 J	6.1 J	300	66.0	67.0	1.2	160
	2002 02 (Summer)		< 50.0	0.99 J	89.0	< 2.0	< 5.0	< 10.0	0.98 J	< 10.0	< 3.0	410	< 0.20	< 20.0	< 20.0	2.2 J	< 5.0	< 2.0	< 10.0	< 20.0	3.5 J	< 100	69.0	73.0	1.3	180
D09-01	2004 04 (Winter)		0.72 J	15.0	65.0	< 2.0	0.60 J	0.88 J	16.0	6.9 J	0.15 J	16,000	< 0.20	0.50 J	< 200	27.0	< 5.0	< 5.0	1.2 J	34.0	< 100	47.0 J	1,400	1,700	12.0	5,800
	2004 02 (Summer)		0.41 J	< 1.0	76.0	< 1.0	< 1.0	0.31 J	15.0	5.2	1.0	17,000	< 0.20	0.65 J	120 J	< 1.0	< 1.0	< 1.0	< 1.2	< 1.0	3.5 J	< 100	1,400 J	1,600	14.0	5,500
	2003 04 (Winter)		< 5.0	< 50.0	64.1 J	< 4.0	< 5.0	< 10.0	14.7	< 10.0	< 10.0	15,700	< 0.40 UJ	< 50.0	< 20.0	< 20.0	< 10.0	-	< 50.0	< 20.0	< 200	46.0 J	1,860 J	2,170 J	22.4 J	7,390 J
	2003 02 (Summer)		< 50.0	< 50.0	66.3 J	< 4.0	< 5.0	< 10.0	16.2	1.3 J	< 10.0	16,100	< 0.40 UJ	< 50.0	13.3 J	< 20.0	< 10.0	< 100	< 50.0	< 20.0	< 200	61.5 J	1,500	1,770	48.6 J	5,340
	2002 04 (Winter)		< 50.0	< 5.0	69.0	< 2.0	< 5.0	0.53 J	15.0	7.7 J	< 3.0	16,000	< 0.20	0.91 J	< 20.0 UJ	< 5.0 UJ	0.038 J	< 2.0	< 10.0	< 20.0	< 100	5,500	1,600	1,900	11.0	6,500
	2002 02 (Summer)		< 50.0	< 5.0	72.0	< 2.0	2.0 J	7.3 J	13.0	7.4 J	< 3.0	14,000	< 0.20	< 20.0	< 20.0	< 5.0	0.24 J	< 2.0	3.0 J	< 100	< 100	3,700	1,300	1,500	12.0	5,300
D10B-02	2004 04 (Winter)		0.61 J	5.6	64.0	< 2.0	< 5.0 UJ	0.33 J	0.38 J	1.8 J	0.17 J	420	< 0.20	1.2 J	3.4 J	9.0	< 5.0	< 5.0	1.1 J	9.5 J	2.0 J	950	220	150	4.9 J	1,300
	2004 02 (Summer)		0.21 J	2.4	74.0	< 1.0	< 1.0	0.24 J	0.24 J	1.9	0.38 J	290	< 0.20	1.7 J	< 20.0	< 1.0	< 1.0	< 1.0	< 1.6	< 1.0	4.4 J	< 100	220 J	130	5.0	1,200
	2003 04 (Winter)		< 5.0	< 50.0	70.5 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	300	< 0.40 UJ	< 50.0	< 20.0	< 20.0	< 10.0	-	< 50.0	< 20.0	< 200	< 100	247 J	160 J	5.6 J	1,590 J
	2003 02 (Summer)		< 50.0	< 50.0	72.0 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	208 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 100	< 50.0	2.7 J	90.7 J	< 100	254 J	131 J	5.2 J	1,130 J
	2002 04 (Winter)		< 50.0	3.3 J	83.0	< 2.0	0.083 J	0.16 J	0.31 J	0.71 J	< 3.0	150	< 0.20	2.0 J	< 20.0 UJ	7.4 J	< 5.0	< 2.0	< 10.0	< 20.0	< 100	940	300	110	4.5	1,400
	2002 02 (Summer)		< 50.0	2.1 J	84.0	< 2.0	< 5.0	1.1 J	0.54 J	< 10.0	< 3.0	360	< 0.20	< 20.0	< 20.0	6.0	-	< 2.0	1.3 J	< 20.0	< 100	630	210	140	4.3	1,200
D13-01	2004 04 (Winter)		0.28 J	2.9 J	280	< 2.0	< 5.0	0.36 J	0.58 J	2.0 J	< 3.0	570	0.062 J	0.44 J	1.6 J	< 5.0	< 5.0	< 5.0	5.1 J	4.1 J	< 100	32.0 J	130 J	140 J	2.8 J	120
	2004 02 (Summer)		1.3	1.6	260	< 1.0	< 1.0	0.93 J	0.29 J	1.2	0.078 J	26.0	< 0.20	< 5.0	1.3	< 1.0	< 1.0	< 1.0	4.4	76.0	< 50.0	< 100	120	65.0	2.0	840
	2003 04 (Winter)		< 5.0	< 50.0	354	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	721	< 0.40 UJ	< 50.0	< 20.0	< 20.0	< 10.0	2.6 J	5.0 J	31.7	< 200	< 100	166 J	183 J	2.9 J	168 J
	2003 02 (Summer)		< 50.0	< 50.0	333	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	659	< 0.40 UJ	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	4.7 J	< 20.0	< 200	< 100	151	177	3.2 J	136
	2002 04 (Winter)		0.17 J	2.7 J	310	< 2.0	< 5.0	0.090 J	0.60 J	1.9 J	< 3.0	580	0.046 J	< 20.0	< 20.0 UJ	< 5.0 UJ	< 5.0	< 2.0	3.9 J	< 20.0	4.8 J	650	140	150	2.2	140
	2002 02 (Summer)		< 50.0	2.4 J	260	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 3.0	540	< 0.20	< 20.0	< 20.0	2.4 J	< 5.0	< 2.0	< 10.0	< 20.0	260	< 100	130	140	2.3	130
D19-01	2004 04 (Winter)		0.38 J	8.8	45.0	< 2.0	< 5.0	0.88 J	2.9	4.4 J	0.051 J	11,000	< 0.20	0.71 J	22.0	< 5.0	< 5.0	< 5.0	3.5 J	13.0 J	< 100	< 100	570 J	680 J	10.0 J	2,700
	2004 02 (Summer)		0.81 J	< 1.0	50.0	< 1.0	0.76 J	0.36 J	3.2	4.1	0.16 J	10,000	< 0.20	1.0 J	21.0	< 1.0	0.41 J	< 1.0	3.6	< 1.0	4.5 J	< 100	630 J	730	11.0	2,700
	2003 04 (Winter)		< 5.0 UJ	< 50.0	38.0 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0 UJ	9,930	< 0.40	16.3 J	26.7	< 20.0	< 10.0	< 10.0 UJ	5.3 J	< 20.0	< 200	< 100	555	693	11.8	3,080
	2003 02 (Summer)		< 50.0	< 50.0	52.9 J	< 4.0	1.4 J	< 10.0	2.5 J	2.4 J	< 10.0	10,900	< 0.40 UJ	< 50.0	23.1	< 20.0	< 10.0	< 100	< 50.0	< 20.0	< 200	< 100	742	843	30.2 J	2,850
	2002 04 (Winter)		0.12 J	7.6	53.0 J	< 2.0	0.87 J	< 10.0	2.8 J	3.8 J	< 3.0	12,000 J	< 0.20	0.89 J	19.0 J	28.0	< 5.0 UJ	< 2.0	2.9 J	< 20.0	< 100	2,000	630 J	760 J	9.7	3,200
	2002 02 (Summer)		< 50.0	4.8 J	47.0	< 2.0	< 5.0	8.6 J	< 10.0	< 10.0	< 3.0	8,600	< 0.20	< 20.0	< 21.0	21.0 J	< 5.0 UJ	< 2.0	< 10.0	< 20.0	< 100	< 100	620	720	9.8	2,800

SWBZ

Table 9-5
Groundwater Sampling Field Parameters at Installation Restoration Site 9 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	530MJ-MW1	11/11/04	6.68	0.18	-40
		07/06/04	6.78	0.27	-200
		03/04/04	6.92	1.53	-4
		12/22/03	7.09	0.12	183
		09/19/03	7.06	0.42	36
First	530MJ-MW2	11/12/04	6.54	0.13	76
		07/06/04	6.72	0.43	-118
		03/04/04	6.88	0.30	-157
		12/22/03	6.91	0.38	-70
		09/19/03	7.04	0.35	-37
First	M07C-06	11/12/04	6.63	0.31	118
		07/07/04	6.55	1.80	-110
		03/03/04	6.83	0.17	-25
		12/08/03	6.81	0.21	-114
		09/17/03	6.83	0.67	-148
		06/30/03	6.66	0.19	-121
		04/14/03	7.07	0.34	-46
		12/17/02	6.37	8.87	-168
		09/05/02	6.86	0.32	-169
		06/21/02	6.94	1.00	35
First	M07C-08	11/12/04	6.47	0.57	165
		07/06/04	6.25	0.39	3.0
		12/08/03	6.67	4.72	241
		06/30/03	6.43	0.56	163
		12/17/02	6.24	***12.93***	87.5
		07/24/02	6.40	1.10	167
First	M07C-09	11/12/04	6.52	0.51	191
		07/07/04	6.32	3.10	237
		03/03/04	6.85	0.22	274
		12/08/03	6.72	0.24	159
		09/18/03	6.75	0.47	218
		06/30/03	6.60	0.40	198
		04/10/03	6.79	0.35	209
		12/17/02	6.49	1.09	38.5
		09/04/02	6.78	0.34	14
		06/19/02	6.89	1.10	144
First	M10B-01	11/11/04	6.97	1.03	46
		07/06/04	7.02	6.00	-20
		03/03/04	7.48	3.05	190
		12/08/03	7.21	1.24	-51
		09/17/03	7.17	0.96	-76
		07/02/03	7.19	0.67	-120
		04/10/03	7.31	1.70	83
		12/16/02	***9.14***	2.40	-125
		09/05/02	7.30	3.90	-152
First	M13-06	11/11/04	7.51	0.45	173
		07/07/04	7.11	0.26	111

Table 9-5
Groundwater Sampling Field Parameters at Installation Restoration Site 9 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	M13-06	12/09/03	7.32	0.47	10
		07/01/03	7.63	0.47	137
		12/17/02	6.33	0.00	-97
		06/18/02	7.39	0.67	3.4
First	M13-07	11/11/04	6.32	0.34	-9.0
		07/07/04	***5.95***	0.29	0.0
		12/09/03	6.46	0.31	-54
		07/01/03	6.86	0.25	-255
		12/17/02	7.31	2.12	67
		06/18/02	6.54	0.80	-147
First	M13-08	11/12/04	6.88	6.95	234
		07/07/04	6.62	0.27	-11
		12/09/03	7.12	0.28	254
		07/01/03	7.34	0.16	-180
		12/17/02	6.90	0.21	107
		06/20/02	7.18	1.40	86
First	M13-09	11/12/04	6.26	0.85	147
		07/07/04	***5.89***	0.41	24
		12/09/03	6.40	0.30	32
		07/01/03	6.47	0.26	-200
		12/17/02	6.33	2.45	58
		06/19/02	6.48	5.10	144
First	M13-P	11/12/04	6.37	0.40	282
		07/07/04	6.52	0.26	9.0
		03/03/04	6.78	0.37	198
		12/22/03	6.65	0.28	47.8
		09/23/03	6.70	0.23	100
First	MW-001	11/12/04	6.46	0.11	-43
		07/06/04	6.32	0.38	-41
		12/08/03	6.24	0.52	18
		07/01/03	6.67	0.58	-83
		12/17/02	***5.67***	2.14	-90.1
		06/18/02	6.87	6.90	-130
First	MW410-1	11/11/04	7.12	0.62	172
		07/06/04	7.05	***10.40***	195
		03/04/04	7.59	1.40	161
		12/10/03	7.38	1.11	17
		09/18/03	7.44	0.67	161
		07/01/03	7.56	0.94	163
		04/09/03	7.48	1.40	234
		12/16/02	6.92	6.90	-85.1
		09/04/02	7.44	0.58	-62.6
		06/18/02	7.47	1.19	-9.5
First	MW410-2	11/11/04	6.92	0.74	109
		07/06/04	6.78	2.30	12
		03/03/04	6.85	0.68	26
		12/10/03	6.89	0.37	-30

Table 9-5
Groundwater Sampling Field Parameters at Installation Restoration Site 9 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	MW410-2	09/18/03	6.98	0.60	67
		07/01/03	6.95	0.87	44
		04/09/03	6.95	0.67	88
		12/16/02	6.19	***9.31***	-100.8
		09/05/02	6.67	2.30	-84.2
		06/18/02	7.09	2.40	-47
First	MW410-3	11/12/04	7.51	0.58	165
		07/07/04	7.22	0.58	-72
		03/05/04	7.55	1.22	65
		12/11/03	7.54	1.18	129
		09/18/03	7.46	1.60	175
		07/01/03	7.51	1.96	185
		04/09/03	7.49	1.59	193
		12/16/02	7.02	6.16	35.4
		09/05/02	7.39	***9.50***	4.1
		06/18/02	7.49	0.29	223.2
First	MW410-4	11/11/04	8.22	2.52	160
		07/07/04	7.00	4.52	52
		03/04/04	8.19	2.91	-133
		12/10/03	8.43	3.53	314
		09/19/03	8.28	4.02	197
		07/01/03	8.24	6.32	189
		04/09/03	8.18	1.46	122
		12/16/02	7.59	6.92	-2.8
		09/04/02	7.96	0.75	46.9
		06/18/02	8.27	3.60	43
First	MW530-2	11/11/04	7.23	0.79	61
		07/07/04	7.47	0.50	-117
		12/10/03	7.36	0.46	-65
		07/01/03	7.80	0.52	170
		12/16/02	7.26	2.76	25.6
		06/18/02	7.82	1.60	197
First	MW530-3	11/12/04	7.22	0.24	206
		07/06/04	7.27	3.98	-31
		12/11/03	7.71	0.92	370
		07/02/03	7.70	0.23	-298
		12/16/02	6.89	4.21	-106.8
		06/18/02	7.57	0.38	-55.8
First	MW547-3	11/12/04	6.75	0.30	-51
		07/07/04	6.55	3.50	-80
		03/04/04	7.01	0.24	-130
		12/10/03	7.09	0.20	-89
		09/18/03	6.89	0.34	-111
		07/03/03	7.06	0.20	-124
		04/10/03	7.27	0.22	-130
		12/17/02	***9.24***	0.00	-184
		09/05/02	6.94	4.00	-172

Table 9-5
Groundwater Sampling Field Parameters at Installation Restoration Site 9 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	MW547-3	06/20/02	7.03	0.60	-164
First	MWD13-3	11/12/04	7.49	0.36	59
		07/07/04	8.02	0.21	-19
		12/11/03	8.03	0.28	194
		07/01/03	***8.58***	0.20	-144
		12/18/02	7.09	4.11	58.4
		06/19/02	***8.55***	1.30	-193
First	MWD13-4	11/12/04	***11.36***	0.86	98
		07/08/04	***10.66***	0.42	-63
		03/03/04	***10.89***	0.35	169
		12/11/03	***11.13***	0.50	56
		09/22/03	***11.18***	0.14	105
		07/01/03	***11.51***	0.18	-156
		04/10/03	***11.30***	1.19	160
		12/16/02	***12.20***	0.00	-27.5
		09/05/02	***11.05***	3.70	-293
		06/19/02	***11.28***	1.70	-240
First	MWOR-4	11/12/04	6.21	0.28	184
		07/07/04	***5.90***	1.32	8.0
		12/11/03	6.37	0.43	115
		07/02/03	6.27	1.39	177
		12/17/02	6.74	0.00	167
		06/19/02	6.53	3.90	178
Second	D07C-01	11/12/04	7.09	0.14	173
		07/06/04	7.13	0.32	-123
		12/09/03	7.18	0.30	229
		06/30/03	6.89	0.65	205
		12/17/02	6.72	2.33	76
		07/11/02	7.06	***19.9***	116
Second	D09-01	11/11/04	6.60	0.43	206
		07/06/04	6.53	3.10	179
		03/03/04	6.47	0.25	233
		12/04/03	6.55	0.29	136
		09/18/03	6.54	0.54	1.64
		07/02/03	6.76	0.24	-271
		04/10/03	6.66	0.51	180
		12/16/02	8.18	0.00	-67
		09/05/02	6.38	NM	-56
		06/28/02	6.57	0.26	76.4
Second	D10B-02	11/15/04	7.87	0.10	201
		07/06/04	8.26	1.20	107
		12/04/03	8.07	0.11	-24
		07/01/03	***8.54***	0.09	-197
		12/16/02	***10.18***	0.00	-190
		06/28/02	8.10	0.82	164.6
Second	D13-01	11/12/04	7.31	0.81	2.28
		07/07/04	7.04	0.73	-70

Table 9-5
Groundwater Sampling Field Parameters at Installation Restoration Site 9 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
Second	D13-01	12/04/03	7.36	0.19	-18
		06/30/03	7.50	0.19	-195
		12/17/02	7.57	0.00	113
		07/08/02	7.35	***10.25***	278.5
Second	D19-01	11/12/04	6.97	0.24	284
		07/06/04	6.94	0.09	46
		12/08/03	7.02	0.14	112
		06/30/03	7.20	0.16	51
		12/11/02	6.62	4.71	21.4
		07/12/02	6.96	0.30	258

Notes:

Field parameters are measured during well purging, just prior to collection of the groundwater sample.

mg/L = milligrams per liter

ORP = oxidation-reduction potential

mV = millivolts

NM = not measured

Italicized results are outside expected range for parameter. Natural groundwater has the following expected ranges:

pH: between 6 and 8.5 standard units

DO: below approximately 9 mg/L

ORP: between approximately 600 and -400 mV

Table 9-6

Groundwater Sample Analytical Results at IR Site 9 Group: Natural Attenuation Parameters

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Innovative Technical Solutions, Inc.

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Groundwater Sample Analytical Results at IR Site 9 Group: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M07C-06	2004 04 (Winter)	< 0.0050	< 0.0050	0.34	< 0.050	< 0.050	3.9	4.1	100	100	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	5.2	< 0.050	< 0.050	20.0	< 0.50	960	960	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	0.0010 J	< 0.0030	2.2	< 1.0	< 1.0	17.9	< 5.0	960	960	< 5.0	-	< 1.0
		2003 02 (Summer)	0.0013 J	< 0.0030	1.8	< 0.10 UJ	< 0.10 UJ	27.0	0.36 J	1,000	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	3.0	< 0.050	< 0.050	24.0	< 0.50	920	920	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	0.64	0.43	0.34	19.0	0.97	810	810	< 1.0	< 1.0	< 0.040
	M07C-08	2004 04 (Winter)	< 0.0050	< 0.0050	0.0040 J	1.3	< 0.050	9.8	16.0	200	200	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	< 0.010	< 0.050	< 0.050	7.3	8.6	190	190	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.0014 J	1.6	< 1.0	9.2	14.9	177	177	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.0008 J	0.29	< 0.10	8.0	7.6	128	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	< 0.010	9.3	< 0.050	16.0	18.0	69.0	69.0	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	< 0.050 J	< 0.050	11.0	5.5	330	330	< 1.0	< 1.0	< 0.040
	M07C-09	2004 04 (Winter)	< 0.0050	< 0.0050	0.0060	0.15	< 0.050	12.0	10.0	320	320	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	0.067	< 0.050	< 0.050	13.0	13.0	370	370	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.0069	< 1.0	< 1.0	9.5	10.8	342	342	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.051	0.16	< 0.10	16.0	24.0	390	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	0.011	< 0.050	< 0.050	9.1	7.9	330	330	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	0.026	0.12	< 0.050	11.0	13.0	380	380	< 1.0	< 1.0	< 0.040
	M10B-01	2004 04 (Winter)	< 0.0050	< 0.0050	0.064	0.16	< 0.050	420	89.0	400	400	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	0.051	0.13	< 0.050	510	110	440	440	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.044	< 1.0	< 1.0	518	133	485	485	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.034	< 1.0	< 1.0	824	231	492	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	0.020	0.14	< 0.050	580	250	590	590	< 1.0	< 1.0	< 0.040

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Groundwater Sample Analytical Results at IR Site 9 Group: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M10B-01	2002 02 (Summer)	< 0.010	< 0.010	0.034	0.64	< 0.050	680	370	670	670	< 1.0	< 1.0	< 0.040
	M13-06	2004 04 (Winter)	< 0.0050	< 0.0050	0.12	0.050	< 0.050	19.0	15.0	260	260	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	0.050	< 0.050	< 0.050	12.0	24.0	270	270	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.13	< 1.0	< 1.0	20.6 J	10.5	279	279	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.0088	0.12	< 0.10	13.5	26.3	266	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	0.011	1.2	< 0.050	17.0	36.0	190	190	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	0.018	< 0.050	< 0.050	16.0	39.0	280	280	< 1.0	< 1.0	< 0.040
	M13-07	2004 04 (Winter)	< 0.0050	< 0.0050	14.0	< 0.050	< 0.050	130	< 0.50	430	430	< 1.0	< 1.0	0.090
		2004 02 (Summer)	< 0.010	< 0.010	17.0	< 0.050	< 0.050	74.0	< 0.50	370	370	< 1.0	< 1.0	0.18
		2003 04 (Winter)	< 0.0030	< 0.0030	5.8	< 1.0	< 1.0	236	0.63	532	532	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	7.1	< 0.10	< 0.10	25.1	< 0.50	236	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	12.0	< 0.050	< 0.050	170	0.38 J	460	460	< 1.0	< 1.0	0.13
		2002 02 (Summer)	< 0.010	< 0.010	12.0	< 0.050	< 0.050	130	< 0.50 J	420	420	< 1.0	< 1.0	< 0.040
	M13-08	2004 04 (Winter)	< 0.0050	< 0.0050	< 0.0050	7.8	0.040 J	19.0	63.0	200	200	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	< 0.010	7.4	0.020 J	19.0	64.0	240	240	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	< 0.0030	8.0	< 1.0	17.1	68.3	201	201	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	< 0.0030	7.6	< 0.10	19.4	66.3	199	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	< 0.010	8.1	< 0.050	18.0	77.0	220	220	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	7.8	< 0.050 J	18.0	77.0	230	230	< 1.0	< 1.0	< 0.040
	M13-09	2004 04 (Winter)	< 0.0050	< 0.0050	0.20	0.47	< 0.050	26.0	69.0	270	270	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	0.12	2.3	< 0.050	25.0	72.0	260	260	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.31	< 1.0	< 1.0	27.3 J	51.1	313	313	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.044	3.0	< 0.10	27.2	103	211	-	-	-	< 1.0

T[illegible]9-6

Groundwater Sample Analytical Results at IR Site 9 Group: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M13-09	2002 04 (Winter)	< 0.010	< 0.010	0.072	0.50	< 0.050	28.0	80.0	230	230	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	0.030	3.7	< 0.050 J	31.0	100	210	210	< 1.0	< 1.0	< 0.040
	MW-001	2004 04 (Winter)	< 0.0050	< 0.0050	12.0	< 0.050	< 0.050	17.0	3.7	360	360	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	12.0	< 0.050	< 0.050	16.0	6.6	340	340	< 1.0	< 1.0	0.070
		2003 04 (Winter)	< 0.0030	< 0.0030	3.8	< 1.0	< 1.0	23.8	127	212	212	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	4.8	< 0.20	< 0.20	22.3	41.6	303	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	10.0	< 0.050	< 0.050	19.0	400	140	140	< 1.0	< 1.0	0.13
		2002 02 (Summer)	< 0.010	< 0.010	4.9	< 0.050	< 0.050	24.0	5.8	290	290	< 1.0	< 1.0	< 0.040
	MW410-1	2004 04 (Winter)	< 0.0050	< 0.0050	0.014	0.42	< 0.050	260	33.0	270	270	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	0.019	0.88	< 0.050	230	31.0	290	290	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.044	0.74	< 0.10	102	32.5	284	284	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.011	0.74	< 5.0	269	37.4	268	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	0.095	0.21	< 0.050	300	27.0	320	320	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	0.016	0.60	< 0.050	250	28.0	240	240	< 1.0	< 1.0	< 0.040
	MW410-2	2004 04 (Winter)	< 0.0050	< 0.0050	0.69	-	-	-	-	-	-	-	-	-
		2004 02 (Summer)	< 0.010	< 0.010	0.62	0.20	< 0.050	19.0	30.0	380	380	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	0.0029 J	1.0	< 0.10	< 0.10	33.1	20.9	539	539	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	0.0066	1.5	0.49	< 0.10	40.0	15.3	491	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	0.032	5.1	0.33	< 0.050	87.0	5.6	710	710	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	0.017	4.4	1.5	< 0.050	62.0	20.0	640	640	< 1.0	< 1.0	< 0.040
	MW410-3	2004 04 (Winter)	< 0.0050	< 0.0050	0.0030 J	0.83	0.030 J	13.0	37.0	190	190	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	< 0.010	0.43	< 0.050	17.0	39.0	100	100	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.0096	2.1	< 0.10	20.9	81.6	208	208	< 5.0	-	< 1.0

T 9-6

Groundwater Sample Analytical Results at IR Site 9 Group: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	MW410-3	2003 02 (Summer)	< 0.0030	< 0.0030	0.0020 J	1.7	< 0.10	30.2	38.3	204	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	< 0.010	0.84	< 0.050	9.8	27.0	270	270	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	0.69	< 0.050	11.0	34.0	260	260	< 1.0	< 1.0	< 0.040
	MW410-4	2004 04 (Winter)	< 0.0050	< 0.0050	0.13	0.98	< 0.050	8.3	15.0	120	120	4.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	0.019	0.84	< 0.050	6.3	8.8	110	110	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.0081	1.7	< 0.10	16.4	18.1	130	130	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.0014 J	1.4	< 0.10	16.7	13.3	112	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	< 0.010	1.5	< 0.050	35.0	30.0	220	220	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	2.2	< 0.050	38.0	32.0	170	170	< 1.0	< 1.0	< 0.040
	MW530-2	2004 04 (Winter)	< 0.0050	< 0.0050	0.043	< 0.25	< 0.25	2,300	210	980	980	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	0.028	0.070	< 0.10	730	110	860	860	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.028	< 0.10	< 1.0	1,330	117	1,010	1,010	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.025	< 0.10	< 10.0 UJ	287	71.1	546	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	< 0.010	0.010 J	< 0.050	100	61.0	470	470	< 1.0	< 1.0	0.040
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	0.61	< 0.050	86.0	66.0	760	760	< 1.0	< 1.0	< 0.040
	MW530-3	2004 04 (Winter)	< 0.0050	< 0.0050	0.039	< 0.050	< 0.050	78.0	44.0	190	190	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	0.017	0.12	< 0.050	130	78.0	250	250	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.0035	-	-	10.6	10.1	28.7	28.7	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.075	< 0.50	< 0.50	12.4	10.0	139	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	0.50	< 0.050	< 0.050	18.0	11.0	290	290	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	0.26	< 0.050	< 0.050	13.0	11.0	200	200	< 1.0	< 1.0	< 0.040
	MW547-3	2004 04 (Winter)	0.010	< 0.0050	5.7	0.020 J	< 0.050	17.0	19.0	920	920	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	2.5	< 0.050	< 0.050	11.0	1.4	570	570	< 1.0	< 1.0	< 0.040

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Groundwater Sample Analytical Results at IR Site 9 Group: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	MW547-3	2003 04 (Winter)	0.010	< 0.0030	2.6	0.21	< 0.10	13.0	< 0.50	1,120	1,120	< 5.0	-	< 1.0
		2003 02 (Summer)	0.0096	< 0.0030	4.6	< 0.10 UJ	< 0.10 UJ	15.5	< 0.50	1,030	-	-	-	< 1.0
		2002 04 (Winter)	0.016	< 0.010	11.0	< 0.050	< 0.050	14.0	0.14 J	1,000	1,000	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	0.022	< 0.010	15.0	< 0.050	< 0.050	16.0	< 0.50	1,000	1,000	< 1.0	< 1.0	< 0.040
	MWD13-3	2004 04 (Winter)	< 0.0050	< 0.0050	1.1	< 0.050	< 0.050	30.0	41.0	100	100	< 1.0	< 1.0	0.29
		2004 02 (Summer)	< 0.010	< 0.010	0.89	0.020 J	< 0.050	34.0	44.0	120	120	< 1.0	< 1.0	0.40
		2003 04 (Winter)	< 0.0030	< 0.0030	0.48	0.090 UJ	< 0.10	31.5	37.8	116	116	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.47	< 0.10	< 0.10	53.2	56.7	99.3	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	0.30	0.13	< 0.050	20.0	33.0	120	120	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	0.37	< 0.050	< 0.050	28.0	45.0	99.0	99.0	< 1.0	< 1.0	< 0.040
	MWD13-4	2004 04 (Winter)	< 0.0050	< 0.0050	0.037	0.070	0.020 J	92.0	150	180	< 1.0	88.0	96.0	1.2
		2004 02 (Summer)	< 0.010	< 0.010	0.028	0.080	0.050	78.0	130	170	< 1.0	48.0	130	0.84
		2003 04 (Winter)	< 0.0030	< 0.0030	0.016	0.21	< 0.10	59.6	151	161	< 5.0	62.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.027	0.15	< 0.10	97.7	135	161	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	0.034	< 0.050	< 0.050	93.0	160	220	220	< 1.0	< 1.0	1.4
		2002 02 (Summer)	< 0.010	< 0.010	0.023	0.070	0.060	91.0	160	160	< 1.0	79.0	83.0	< 0.040
	MWOR-4	2004 04 (Winter)	< 0.0050	< 0.0050	0.0050	0.34	< 0.050	11.0	33.0	140	140	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	< 0.010	4.0	< 0.050	9.6	14.0	86.0	86.0	< 1.0	< 1.0	0.060
		2003 04 (Winter)	< 0.0030	< 0.0030	0.0033	0.58	< 0.10	11.5	38.9	119	119	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	< 0.0030	4.8	< 0.10	19.8	14.4	77.0	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	< 0.010	0.33	< 0.050	13.0	43.0	140	140	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	1.4	< 0.050	13.0	36.0	120	120	< 1.0	< 1.0	< 0.040
WB	D07C-01	2004 04 (Winter)	< 0.0050	< 0.0050	< 0.0050	3.3	< 0.050	240	130	360	360	< 1.0	< 1.0	< 0.040

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Groundwater Sample Analytical Results at IR Site 9 Group: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWBZ	D07C-01	2004 02 (Summer)	< 0.010	< 0.010	< 0.010	3.4	< 0.050	210	120	350	350	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	< 0.0030	3.8	< 1.0	193	122	378	378	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	< 0.0030	3.5	< 0.10	216	117	345	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	< 0.010	3.8	< 0.050	240	130	350	350	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	3.8	< 0.050 J	230	130	360	360	< 1.0	< 1.0	< 0.040
	D09-01	2004 04 (Winter)	< 0.0050	< 0.0050	0.027	< 1.3	< 2.5	15,000	2,100	200	200	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	0.026	< 1.3	< 2.5	14,000	2,000	240	240	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.017	< 1.0	< 10.0	11,800	1,620	221	221	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.016	< 1.0	< 20.0 UJ	15,600	1,950	229	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	0.024	< 0.50	< 0.50	15,000	2,100	240	240	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	0.025	< 0.50	< 0.50	15,000	2,000	210	210	< 1.0	< 1.0	0.060
	D10B-02	2004 04 (Winter)	< 0.0050	< 0.0050	0.0030 J	< 0.25	< 0.25	2,300	400	140	140	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	< 0.010	< 0.25	< 0.25	2,300	390	140	140	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.0024 J	< 1.0	< 1.0	2,190	451	122	122	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.0021 J	< 1.0	< 10.0 UJ	2,470	414	91.8	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	< 0.010	< 0.25	< 0.25	2,500	500	190	190	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	< 0.25	< 0.25	2,500	420	130	130	< 1.0	< 1.0	< 0.040
	D13-01	2004 04 (Winter)	< 0.0050	< 0.0050	< 0.0050	47.0	0.88	430	150	270	270	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	< 0.010	45.0	0.73	410	140	280	280	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	< 0.0030	42.9	0.92 J	415	148	272	272	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	< 0.0030	44.1	< 0.20	430	149	263	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	< 0.010	50.0	0.46	410	150	260	260	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	50.0	0.66	450	150	280	280	< 1.0	< 1.0	< 0.040

T 9-6

Groundwater Sample Analytical Results at IR Site 9 Group: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWBZ D19-01	2004 04 (Winter)		< 0.0050	< 0.0050	**0.0090**	**0.42 J**	< 1.0	**7,300**	**820**	**160**	**160**	< 1.0	< 1.0	< 0.040
	2004 02 (Summer)		< 0.010	< 0.010	< 0.010	**0.49 J**	< 1.3	**6,800**	**770**	**200**	**200**	< 1.0	< 1.0	< 0.040
	2003 04 (Winter)		< 0.0030	< 0.0030	**0.0066**	< 1.0	< 50.0	**7,910**	**866**	**192**	**192**	< 5.0	-	< 1.0
	2003 02 (Summer)		< 0.0030	< 0.0030	**0.0055**	**1.9**	< 1.0	**7,510**	**760**	**183**	-	-	-	< 1.0
	2002 04 (Winter)		< 0.010	< 0.010	< 0.010	< 0.50	< 0.50	**7,400**	**820**	**180**	**180**	< 1.0	< 1.0	< 0.040
	2002 02 (Summer)		< 0.010	< 0.010	< 0.010	< 0.50 J	< 0.50	**7,200**	**800**	**160**	**160**	< 1.0	< 1.0	< 0.040

General Table Footnotes
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Acronyms and abbreviations

AWQC: Saltwater Ambient Water Quality Criteria, (U.S. EPA, 2002)
BV: Background value (Tetra Tech Environmental Management, Inc., November, 2001)
FWBZ: First Water-Bearing Zone
IR Site: Installation Restoration Site
MCL: California maximum contaminant level (U.S. EPA and California Department of Health Services, June 2003)
MTBE: Methyl tert-butyl ether
NA: Not available (applicable to regulatory limits or background values)
PAH: Polycyclic Aromatic Hydrocarbons
PCE: Tetrachloroethene
Ra: Radium
SO_4: Sulfate
Sr: Strontium
SVOC: Semivolatile Organic Compounds
SWBZ: Second Water-Bearing Zone
TCE: Trichloroethene
TDS: Total Dissolved Solids
TPH: Total Petroleum Hydrocarbons
VOC: Volatile Organic Compounds
-: compound not analyzed

Units

µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: pico curies per liter
PPBV: parts per billion by volume

Validation Qualifiers

J: Estimated value.
U: Not detected at or above the indicated reporting limit.
UJ: Not detected at or above the indicated reporting limit. The reporting limit is an estimate.
R: The analyte is rejected due to deficiencies in the ability to analyze the sample and meet QC criteria.
UR: The analyte was not detected. The analyte is rejected due to deficiencies in the ability to analyze the sample and meet QC criteria.

Notes

Detected values are bolded.
Detected values greater than the MCL are shown in yellow highlighting
Detected values greater than the BV are shown in blue highlighting
Detected values greater than the both the BV and the MCL are shown in pink highlighting
Total TPH (calculated) is the sum of all reported TPH results. Where all TPH results are less than reporting limits, the Total TPH value is represented by the highest reporting limit.

Figures

Site 9 Group
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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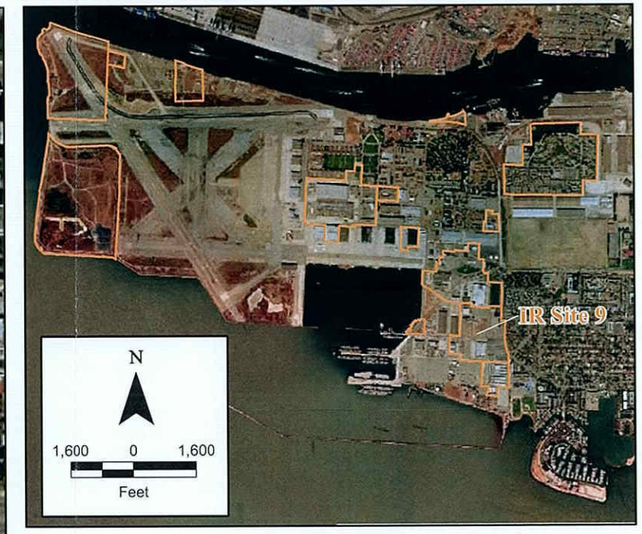

Legend

- First Water Bearing Zone (FWBZ) Wells
- Second Water Bearing Zone (SWBZ) Wells
- IR Site Boundary
- Facility

N

400 0 400

Feet

2002 Projects\02-\Graphics\Alameda Point GIS\IR Sites 9 Group\IR Site 9 Group Location Map_NAD83.mxd

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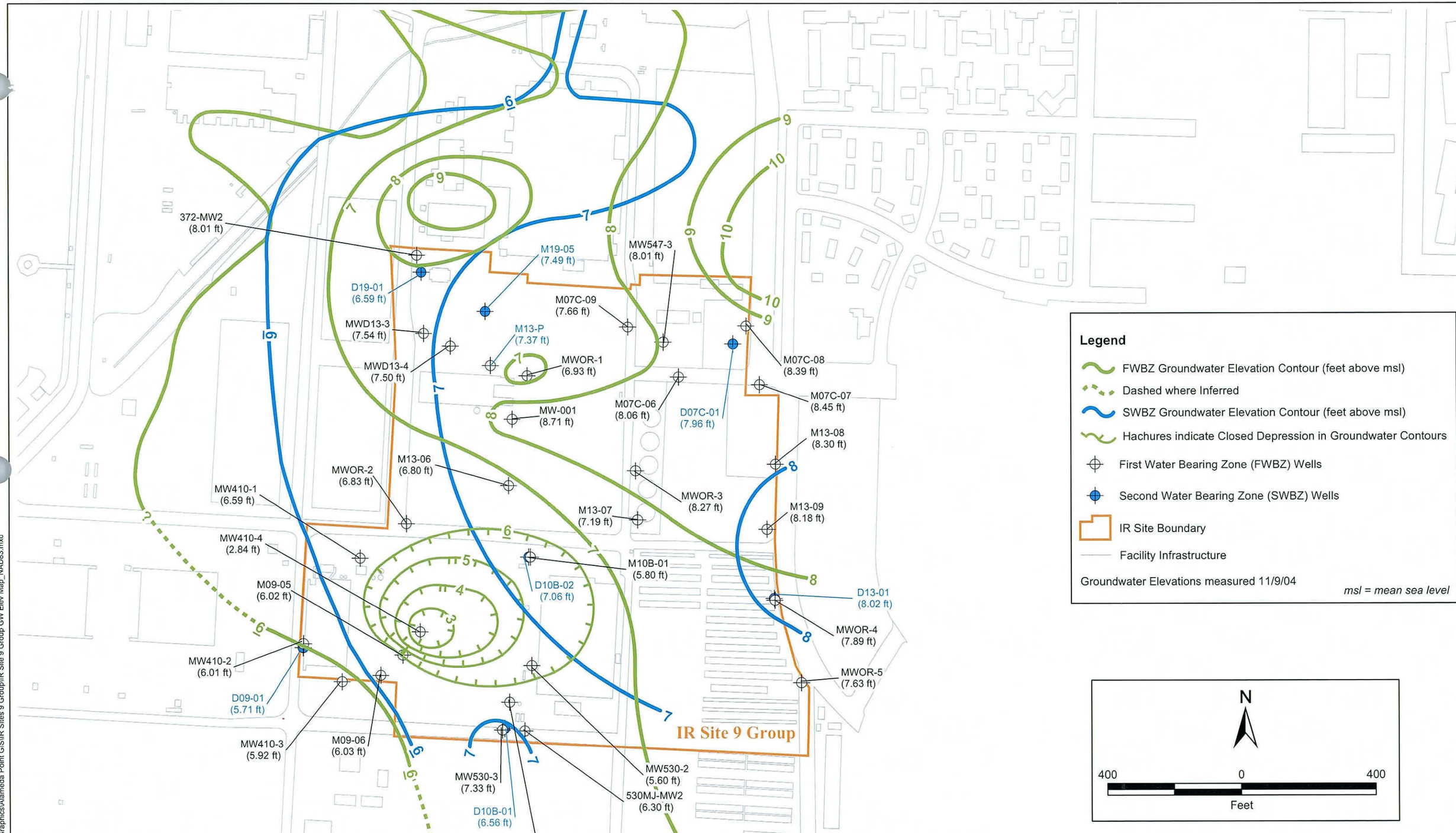
U.S. DEPARTMENT OF THE NAVY, BASE REALIGNMENT AND CLOSURE
PROGRAM MANAGEMENT OFFICE WEST
SAN DIEGO, CALIFORNIA
HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA

FIGURE 9-1
IR SITE 9 GROUP
SITE AND WELL LOCATION MAP



2002 Projects\02 Graphics\Alameda Point GIS\IR Sites 9 Group\IR Site 9 Group GW Elev Map_NAD83.mxd

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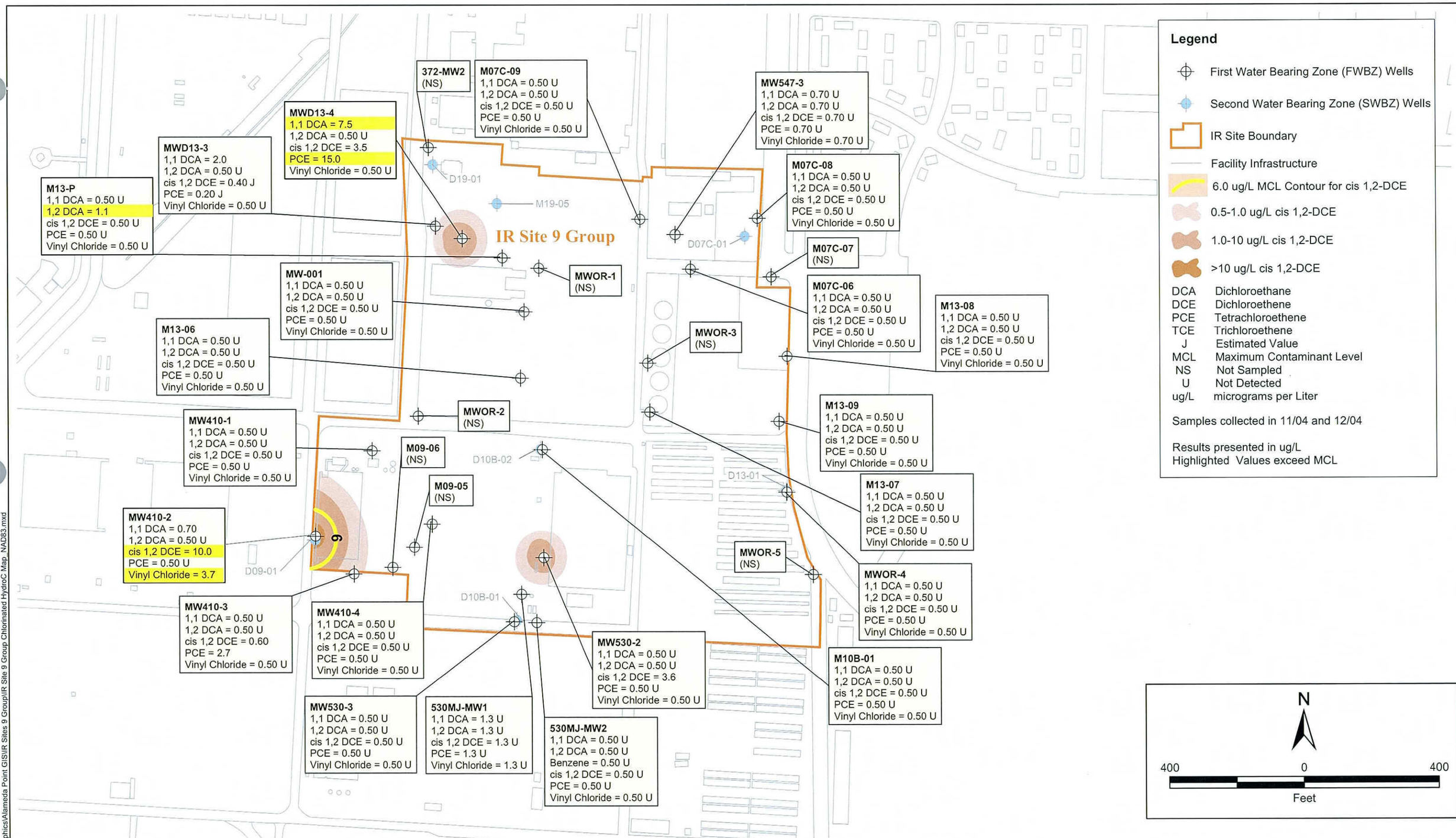
U.S. DEPARTMENT OF THE NAVY, BASE REALIGNMENT AND CLOSURE
PROGRAM MANAGEMENT OFFICE WEST
SAN DIEGO, CALIFORNIA
ALAMEDA POINT, ALAMEDA, CALIFORNIA

FIGURE 9-2
IR SITE 9 GROUP
GROUNDWATER ELEVATION MAP
FALL/WINTER 2004



2002 Projects\02-125 ...Graphics\Alameda Point GIS\IR Sites 9 Group\IR Site 9 Group Chlorinated HydroC Map_NAD83.mxd

Innovative Technical Solutions, Inc.

U.S. DEPARTMENT OF THE NAVY, BASE REALIGNMENT AND CLOSURE
PROGRAM MANAGEMENT OFFICE WEST
SAN DIEGO, CALIFORNIA
ALAMEDA POINT, ALAMEDA, CALIFORNIA

FIGURE 9-3
IR SITE 9 GROUP
GROUNDWATER DISTRIBUTION OF SELECTED
CHLORINATED HYDROCARBONS ABOVE CRITERIA
FALL/WINTER 2004

Appendix A -
Analytical Data with Data Qualifiers and Reason Code Definitions

Site 9 Group
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

Innovative Technical Solutions, Inc.

N00236.003004
ALAMEDA POINT
SSIC NO. 5090.3.A.

ANALYTICAL DATA

THIS RECORD CONTAINS LARGE VOLUMES OF DATA AND IS NOT REQUIRED TO BE PHYSICALLY LOCATED WITH THE ADMINISTRATIVE RECORD DOCUMENT.

DUE TO EXTENSIVE VOLUME, THIS DATA WILL NOT BE IMAGED.

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

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Site 14

Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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Tables

Site 14
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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Table 14-1
Groundwater Monitoring Summary, IR Site 14 - Fall/Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

				Organic Compounds			Inorganic Compounds	Natural Attenuation Parameters				
WATER-BEARING ZONE	SAMPLE LOCATION	GEOLOGICAL UNIT	SCREEN INTERVAL (FT. BGS)	TPH- E as diesel, jet fuel, motor oil (EPA 8015B)	TPH-P as gasoline (EPA 8015B)	VOCs (EPA 8260B)	Dissolved Metals (EPA 6010B/ 6020A/7470A)	Methane, Ethane, Ethene (RSK SOP 175)	Nitrate, Nitrite, Chloride, Sulfate (EPA9056/300.0)	Alkalinity (EPA 310.1)	Sulfide (EPA 376.2)	Ferrous Iron by (Hach 8146)
Groundwater Monitoring Program Wells												
First	M101-A	Fill	2.5 - 12.5	X	X	X	X	X	X	X	X	X
	M112-A	Fill	2.5 - 12.5	X	X	X	X	X	X	X	X	X
	M113-A	Fill-BSU	2 - 12	X	X	X	X	X	X	X	X	X
	M114-A	Fill	2 - 12	X	X	X	X	X	X	X	X	X
	M14-01	Fill-BSU	4 - 14	X	X	X	X	X	X	X	X	X
	M14-02	Fill-BSU	4 - 14	X	X	X	X	X	X	X	X	X
	M14-03	Fill-BSU	4 - 14	X	X	X	X	X	X	X	X	X
Second	D14-01	Merritt-USA	65 - 75	X	X	X	X	X	X	X	X	X
	M101-C	BSU	48-5 - 58.5	X	X	X	X	X	X	X	X	X
Non-Program Wells, Water Level Only												
First	FS1MJ-MW-3	Unknown	2.3 - 10.2	-	-	-	-	-	-	-	-	-

Notes:
X Well sampled for this parameter during Fall/Winter 2004 event.
\- Well not in analytical program.

Fill - Artificial Fill
BSU - Bay Sediment Unit
USA - Upper San Antonio Formation
Merritt - Merritt Sand

FT. BGS - Feet below ground surface
TPH - Total Petroleum Hydrocarbons
VOCs - Volatile Organic Compounds
(8260B) - U.S. Environmental Protection Agency analytical method
RSK 175 - R.S. Kerr Laboratory Standard Operating Procedure 175

Table 14-2
Summary of Groundwater Level Measurements at Installation Restoration Site 14
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	FS1MJ-MW-3 ‡	9.4	8.95	11/09/04	2.91	6.04
		9.4	8.95	06/15/04	5.64	3.31
		9.4	8.95	03/02/04	2.80	6.15
		9.4	8.95	12/03/03	4.50	4.45
		9.4	8.95	09/16/03	5.11	3.84
		9.4	8.95	06/24/03	4.80	4.15
		9.4	8.95	04/08/03	3.92	5.03
First	M101-A	9.5	9.45 *	11/09/04	2.09	7.36
		9.5	9.45 *	06/15/04	3.91	5.54
		9.5	9.45 *	03/02/04	0.55	8.90
		9.5	9.45 *	12/03/03	3.63	5.82
		9.5	9.45 *	09/16/03	4.34	5.11
		9.5	9.45 *	06/24/03	3.65	5.80
		9.5	9.45 *	04/08/03	2.50	6.95
		9.5	9.45 *	12/12/02	3.66	5.79
		9.5	9.45 *	09/12/02	4.35	5.10
		9.5	9.45 *	06/27/02	3.90	5.55
First	M112-A	10.2	9.91 *	11/09/04	4.04	5.87
		10.2	9.91 *	06/15/04	4.48	5.43
		10.2	9.91 *	03/02/04	1.14	8.77
		10.2	9.91 *	12/03/03	4.57	5.34
		10.2	9.91 *	09/16/03	4.91	5.00
		10.2	9.91 *	06/24/03	4.20	5.71
		10.2	9.91 *	04/08/03	3.22	6.69
		10.2	9.91 *	12/20/02	0.21 §	9.70
		10.2	9.91 *	09/12/02	4.94	4.97
		10.2	9.91 *	06/27/02	4.45	5.46
First	M113-A	9.2	8.83 *	11/09/04	2.76	6.07
		9.2	8.83 *	06/15/04	3.46	5.37
		9.2	8.83 *	03/02/04	0.05	8.78
		9.2	8.83 *	12/03/03	3.30	5.53
		9.2	8.83 *	09/16/03	3.95	4.88
		9.2	8.83 *	06/24/03	3.26	5.57
		9.2	8.83 *	04/08/03	2.25	6.58
		9.2	8.83 *	12/23/02	0.00 §	8.83
		9.2	8.83 *	09/12/02	3.95	4.88
		9.2	8.83 *	07/01/02	3.44	5.39
First	M114-A	9.0	8.71 *	11/09/04	1.19	7.52
		9.0	8.71 *	06/15/04	2.95	5.76
		9.0	8.71 *	03/02/04	0.00 †	8.71
		9.0	8.71 *	12/03/03	2.68	6.03
		9.0	8.71 *	09/16/03	3.42	5.29
		9.0	8.71 *	06/24/03	2.73	5.98
		9.0	8.71 *	04/08/03	1.31	7.40
		9.0	8.71 *	12/12/02	2.65	6.06
		9.0	8.71 *	09/12/02	3.47	5.24
		9.0	8.71 *	06/26/02	3.00	5.71

Table 14-2
Summary of Groundwater Level Measurements at Installation Restoration Site 14
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M14-01	8.9	8.47 *	11/09/04	3.39	5.08
		8.9	8.47 *	06/15/04	4.55	3.92
		8.9	8.47 *	03/02/04	3.80	4.67
		8.9	8.47 *	12/03/03	5.02	3.45
		8.9	8.47 *	09/16/03	5.15	3.32
		8.9	8.47 *	06/24/03	4.45	4.02
		8.9	8.47 *	04/08/03	4.80	3.67
		8.9	8.47 *	12/20/02	1.41 §	7.06
		8.9	8.47 *	09/12/02	3.59	4.88
		8.9	8.47 *	06/26/02	4.30	4.17
First	M14-02	9.3	8.91 *	11/09/04	3.20	5.71
		9.3	8.91 *	06/15/04	6.48	2.43
		9.3	8.91 *	03/02/04	3.95	4.96
		9.3	8.91 *	12/03/03	5.00	3.91
		9.3	8.91 *	09/16/03	5.41	3.50
		9.3	8.91 *	06/24/03	5.05	3.86
		9.3	8.91 *	04/08/03	4.92	3.99
		9.3	8.91 *	12/20/02	1.79 §	7.12
		9.3	8.91 *	09/12/02	4.33	4.58
		9.3	8.91 *	06/27/02	6.50	2.41
First	M14-03	10.3	9.91 *	11/09/04	4.97	4.94
		10.3	9.91 *	06/15/04	5.01	4.90
		10.3	9.91 *	03/02/04	2.00	7.91
		10.3	9.91 *	12/03/03	5.56	4.35
		10.3	9.91 *	09/16/03	6.02	3.89
		10.3	9.91 *	06/24/03	4.65	5.26
		10.3	9.91 *	04/08/03	3.90	6.01
		10.3	9.91 *	12/20/02	3.05 §	6.86
		10.3	9.91 *	09/12/02	5.76	4.15
		10.3	9.91 *	06/27/02	6.00	3.91
Second	D14-01	10.2	9.99 *	11/09/04	5.47	4.52
		10.2	9.99 *	06/15/04	7.28	2.71
		10.2	9.99 *	03/02/04	5.10	4.89
		10.2	9.99 *	12/03/03	5.85	4.14
		10.2	9.99 *	09/16/03	5.92	4.07
		10.2	9.99 *	06/24/03	6.00	3.99
		10.2	9.99 *	04/08/03	6.22	3.77
		10.2	9.99 *	12/20/02	4.47 §	5.52
		10.2	9.99 *	09/12/02	4.97	5.02
		10.2	9.99 *	07/15/02	7.52	2.47
Second	M101-C	9.7	9.43 *	11/09/04	4.37	5.06
		9.7	9.43 *	06/15/04	5.05	4.38
		9.7	9.43 *	03/02/04	1.47	7.96
		9.7	9.43 *	12/03/03	4.52	4.91
		9.7	9.43 *	09/16/03	5.85	3.58
		9.7	9.43 *	06/24/03	5.81	3.62
		9.7	9.43 *	04/08/03	3.55	5.88

Table 14-2
Summary of Groundwater Level Measurements at Installation Restoration Site 14
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
Second	M101-C	9.7	9.43 *	12/12/02	4.62	4.81
		9.7	9.43 *	09/12/02	4.73	4.70
		9.7	9.43 *	07/15/02	4.71	4.72

Notes:
BTOC = below top of casing
msl = mean sea level

* = Surveyed to NGVD 29 by Calvada Surveying in September 2002. Subsequently converted to NAVD 88 by Shaw Environmental, Inc. using the Corpscon software.
§ = Measured prior to purging well for sampling
† = Well under artesian conditions.
‡ = Well used only for water level measurements. Not scheduled for sampling in the monitoring program.

Table 14-3

Groundwater Sample Analytical Results at IR Site 14: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

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Table 14-3

Groundwater Sample Analytical Results at IR Site 14: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M101-A	2004 04 (Winter)	4,900	1,200	1,100	160	7,360	0.20 J	2.8	1.8	1.1	3.4	0.90 J	< 0.50	< 0.50	0.20 J	< 0.50	0.20 J	2.3	2.6	< 0.50	27.0	1.3	65.0	< 0.50	2.7	51.0
		2004 02 (Summer)	< 50.0	66.0	< 300	160	226	0.20 J	1.2	0.80	0.50 J	1.8	0.30 J	< 0.50	< 0.50	0.20 J	< 0.50	0.10 J	0.70	0.40 J	< 0.50	8.7	0.80	63.0	< 0.50	0.40 J	18.0
		2003 04 (Winter)	< 190	< 280	< 190	48.0 J	48.0	0.20 J	0.60 J	1.3	< 1.0	1.1	< 2.0	< 5.0	< 1.0	0.24 J	< 1.0	< 1.0	1.2	0.74 J	< 1.0	2.9	1.3	37.0	< 0.50	0.91 J	41.0
		2003 02 (Summer)	810	< 280	< 190	180	990	< 0.50	7.1	1.7	0.97 J	8.0	2.3	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	0.72 J	0.46 J	< 1.0	35.0	1.5	61.0	< 0.50	1.7	200
		2002 04 (Winter)	< 50.0	< 50.0	< 300	31.0 J	64.0	< 0.50 J	0.20 J	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.70 J	3.2	< 0.50 J	17.0	1.0	9.1	< 0.50	< 0.50	52.0
		2002 02 (Summer)	< 50.0	110	< 300	480	1,374	< 0.50	11.0	2.7	2.5	11.0	2.1	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.3	1.0	0.50 J	250	1.9	120	< 0.50	4.1	280
	M112-A	2004 04 (Winter)	1,100	< 50.0	680	< 50.0	1,780	0.30 J	< 1.3	< 1.3	< 1.3	< 1.3	< 5.0	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	130	< 1.3	0.90 J	< 1.3	< 1.3	11.0
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.40 J	< 0.50	5.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.2	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	84.0	< 1.0	0.31 J	< 0.50	< 1.0	3.4
		2003 03 (Fall)	100 J	< 290	210	< 50.0	310	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.34 J	< 1.0	40.0	< 1.0	< 1.0	< 0.50	< 1.0	1.6
		2003 02 (Summer)	< 190	< 280 UJ	< 190	< 50.0	< 280	< 0.50 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.24 J	< 1.0	3.4	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.10 J	0.50 J	< 0.50	1.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	0.50	< 0.50	72.0	< 0.50	0.40 J	< 0.50	< 0.50	7.4
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.40 J	< 0.50	35.0	< 0.50	0.20 J	0.10 J	< 0.50	1.1
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.40 J	< 0.50	7.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M113-A	2004 04 (Winter)	2,400	260	800	< 50.0	3,460	0.40 J	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	6.8	0.20 J	3.2	< 0.50	< 0.50	11.0
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.5	< 0.50	3.9	< 0.50	< 0.50	15.0
		2004 01 (Spring)	220	< 280	160 J	< 50.0	380	1.4	< 1.0	< 1.0	< 1.0	< 1.0	2.6	< 5.0	< 1.0	0.23 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	5.7	< 1.0	3.0	< 0.50	< 1.0	32.0
		2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.3	0.21 J	2.9	< 0.50	< 1.0	4.1
		2003 03 (Fall)	150 J	< 290	150 J	< 50.0	300	0.38 J	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	4.9	< 0.50	< 1.0	10.0
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	190	0.91	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	0.27 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3.9	< 1.0	3.6	< 0.50	< 1.0	17.0
		2003 01 (Spring)	< 50.0	< 50.0	< 300	20.0 J	20.0	0.70	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	1.9	< 0.50	3.6	< 0.50	< 0.50	15.0
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	1.1	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.3	< 0.50	3.2	< 0.50	< 0.50	36.0
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	0.90	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	0.10 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.1	< 0.50 J	4.7	< 0.50	< 0.50	11.0
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	1.3	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.9	< 0.50	6.0	< 0.50	< 0.50	31.0
	M114-A	2004 04 (Winter)	410	< 50.0	460	< 50.0	870	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0 J	< 50.0 J	< 300 J	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50 UJ	< 1.0	< 0.50
		2003 03 (Fall)	100 J	< 290	160 J	< 50.0	260	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280 UJ	< 190	< 50.0	< 280	< 0.50 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	21.0 J	21.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M14-01	2004 04 (Winter)	1,800	210	580	< 50.0	2,590	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.0	< 0.50	0.60	< 0.50	< 0.50	0.20 J
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.4	< 0.50	0.50 J	< 0.50	< 0.50	< 0.50

Table 14-3

Groundwater Sample Analytical Results at IR Site 14: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M14-01	2004 01 (Spring)	**180 J**	< 280	< 190	< 50.0	**360**	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.4**	< 1.0	**0.30 J**	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.8**	< 1.0	**0.35 J**	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	**250**	< 290	**130 J**	< 50.0	**380**	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2.3**	< 1.0	**0.46 J**	< 0.50	< 1.0	**0.30 J**
		2003 02 (Summer)	< 190	< 280 UJ	< 190	< 50.0	< 280	< 0.50 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	**2.2**	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	**19.0 J**	**19.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	**2.6**	< 0.50	**0.50**	< 0.50	< 0.50	**0.10 J**
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	**1.3**	< 0.50	**0.30 J**	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**1.9**	< 0.50	**0.40 J**	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**2.0**	< 0.50	**0.50 J**	< 0.50	< 0.50	< 0.50
	M14-02	2004 04 (Winter)	**900**	**52.0**	**600**	< 50.0	**1,552**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	**0.20 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	**0.20 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	**0.34 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	**0.30 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	**0.50 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	M14-03	2004 04 (Winter)	**830**	< 50.0	**520**	< 50.0	**1,350**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	**100 J**	< 290	**170 J**	< 50.0	**270**	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	**230 J**	< 50.0	**230**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**1.2 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
SWBZ	D14-01	2004 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 190	< 290	< 190	< 50.0	< 290	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 50.0	< 50.0	**150 J**	< 50.0	**150**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.60 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Table 14-3

Groundwater Sample Analytical Results at IR Site 14: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds												Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWBZ M101-C	2004 04 (Winter)		**95.0**	< 50.0	**110 J**	< 50.0	**205**	< 0.50	< 0.50	< 0.50	**0.10 J**	< 0.50	**0.30 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2004 02 (Summer)		< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2004 01 (Spring)		< 190	< 280	< 190	< 50.0	< 280	< 0.50 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 2.0	< 5.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 04 (Winter)		**240**	< 280	**230**	< 50.0	**470**	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 03 (Fall)		< 190	< 290	< 190	< 50.0	< 290	< 0.50 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 2.0 UJ	< 5.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 0.50 UJ	< 1.0 UJ	< 0.50 UJ
	2003 02 (Summer)		< 200	< 300 UJ	< 200	< 50.0	< 300	< 0.50 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 01 (Spring)		< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2002 04 (Winter)		< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2002 03 (Fall)		< 50.0	< 50.0	< 300	< 50.0 UJ	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50
	2002 02 (Summer)		< 50.0 UJ	< 50.0 UJ	< 300 UJ	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Table 14-4

Groundwater Sample Analytical Results at IR Site 14: Dissolved Metals

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Innovative Technical Solutions, Inc.

Table 14-4
Groundwater Sample Analytical Results at IR Site 14: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																		Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M101-A	2004 04 (Winter)		0.49 J	21.0	320	< 2.0	< 5.0	4.2 J	0.88 J	3.7 J	0.33 J	2,100	< 0.20	4.5 J	7.2 J	5.4	< 5.0	< 5.0	3.7 J	14.0 J	27.0 J	6,000	120	55.0	26.0	420
	2004 02 (Summer)		< 1.0	11.0	260	< 2.0	< 5.0	< 10.0	0.11 J	< 10.0	< 1.0	1,200	< 0.20	< 20.0	< 20.0	1.5	< 5.0	< 1.0 J	6.4 J	14.0 J	< 50.0	5,600	130	55.0	28.0	600
	2004 01 (Spring)		< 5.0	27.1 J	215	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	1,580	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	19.7 J	< 200	7,330	126	59.9	25.1 J	429
	2003 04 (Winter)		< 5.0	17.9 J	309	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	1,780	< 0.40 UJ	< 50.0	< 20.0	< 20.0	< 10.0	-	< 50.0	650	< 200	3,580	87.4 J	55.3 J	34.7 J	573 J
	2003 03 (Fall)		< 5.0	13.2 J	392	< 4.0	< 5.0	1.3 J	< 10.0	< 10.0	< 10.0	1,370	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 25.0	2.4 J	5.6 J	< 200	2,270	91.7	64.7	49.0 J	1,020
	2003 02 (Summer)		< 50.0	16.7 J	464	< 4.0	< 5.0	1.9 J	< 10.0	< 10.0	< 10.0	2,090 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	11.8 J	28.5 J	4,400	118 J	66.6 J	36.2 J	707 J
	2003 01 (Spring)		< 1.0	18.0	390	< 2.0	< 5.0	3.1 J	< 10.0	1.5 J	< 3.0	2,300	< 0.20	2.0 J	2.3 J	< 5.0	< 5.0	< 1.0	1.7 J	7.1 J	4.9 J	7,000	93.0	49.0	28.0	370
	2002 04 (Winter)		< 50.0	9.2	340 J	< 2.0	< 5.0	< 10.0	0.26 J	0.66 J	0.11 J	2,300	< 0.20	2.1 J	< 20.0 UJ	< 5.0 UJ	< 5.0	< 2.0	< 10.0	1.3 J	12.0 J	3,200 J	110	77.0	38.0	660
	2002 03 (Fall)		< 50.0	6.4	260	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 3.0	1,100	< 0.20	1.7 J	< 20.0	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	< 100	2,100	85.0	55.0	39.0	960
	2002 02 (Summer)		0.11 J	13.0	260	< 2.0	< 5.0	2.0 J	0.23 J	0.32 J	< 3.0	2,000	< 0.20	< 20.0	1.3 J	1.4 J	< 5.0 UJ	< 2.0	1.3 J	< 20.0	< 100	5,000	110	54.0 J	32.0	610
M112-A	2004 04 (Winter)		0.22 J	13.0	62.0	< 2.0	< 5.0	1.2 J	0.21 J	4.4 J	0.27 J	200	< 0.20	0.99 J	2.8 J	< 5.0	< 5.0	0.19 J	4.2 J	6.9 J	< 100	110	47.0	15.0	19.0	120
	2004 02 (Summer)		< 1.0	4.4	74.0	< 2.0	< 5.0	< 10.0	0.096 J	< 10.0	0.51 J	78.0	< 0.20	< 20.0	< 20.0	0.62 J	< 5.0	< 1.0	< 10.0	7.6 J	< 50.0	80.0 J	95.0	19.0	10.0	19.0
	2004 01 (Spring)		< 5.0	< 50.0	70.5 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	73.3	< 0.40	11.6 J	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	35.3	< 200	103	111	19.9	6.9 J	17.7
	2003 04 (Winter)		< 5.0	16.3 J	57.8 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	194	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	118	66.2 J	16.1	15.5	109
	2003 03 (Fall)		< 5.0	14.8 J	65.5 J	< 4.0	< 5.0	< 10.0	< 10.0	1.1 J	< 10.0	204	< 0.40	< 50.0	1.5 J	< 20.0	< 10.0	< 5.0	< 50.0	6.7 J	< 200	240	85.1	20.2	13.6 J	57.9
	2003 02 (Summer)		< 50.0	< 50.0	70.2 J	< 4.0	< 5.0	< 10.0	< 10.0	2.3 J	< 10.0	158	< 0.40 UJ	< 50.0	4.2 J	< 20.0	< 10.0	< 5.0	< 50.0	18.3 J	< 200	84.0 J	95.7	17.4	7.5 J	16.0
	2003 01 (Spring)		< 1.0	< 5.0	80.0	< 2.0	< 5.0	< 10.0	< 10.0	3.6 J	< 3.0	28.0	< 0.20	2.8 J	2.8 J	< 5.0	< 5.0	< 1.0	< 10.0	5.3 J	< 100	230	110	18.0	7.5 J	18.0
	2002 04 (Winter)		0.27 J	8.3	80.0	< 2.0	< 5.0	< 10.0	0.23 J	2.8 J	0.073 J	71.0	< 0.20	2.8 J	3.5 J	< 5.0 UJ	< 5.0	< 2.0	3.3 J	9.2 J	12.0 J	< 290 UJ	72.0	14.0	13.0	120
	2002 03 (Fall)		< 50.0	9.9	74.0	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 3.0	470	< 0.20	2.9 J	2.4 J	< 5.0	< 5.0	< 2.7	< 10.0	< 20.0 UJ	< 100	460	80.0	21.0	12.0	46.0
	2002 02 (Summer)		0.19 J	8.5	74.0	< 2.0	< 5.0	0.35 J	0.74 J	1.2 J	0.036 J	410	< 0.20	< 20.0	3.0 J	< 5.0	< 5.0 UJ	< 2.0	1.0 J	< 20.0	< 100	300	85.0	18.0 J	11.0	17.0
M113-A	2004 04 (Winter)		0.62 J	5.2	25.0	< 2.0	< 5.0	3.0 J	0.47 J	3.0 J	0.23 J	210	< 0.20	3.1 J	17.0 J	< 5.0	< 5.0	< 5.0	7.0 J	13.0 J	6.1 J	190	140	41.0	21.0	270
	2004 02 (Summer)		< 1.0	1.4	17.0	< 2.0	< 5.0	< 10.0	< 1.0	< 10.0	0.073 J	570	< 0.20	< 20.0	14.0 J	0.86 J	< 5.0	< 1.0	< 10.0	14.0 J	6.0 J	1,300	130	34.0	27.0	300
	2004 01 (Spring)		< 5.0	< 50.0	34.7 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	785	< 0.40	< 50.0	18.8 J	< 20.0	< 10.0	< 5.0	< 50.0	92.3	< 200	1,630	188	49.0	24.8 J	305
	2003 04 (Winter)		< 5.0	< 50.0	18.9 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	251	< 0.40	< 50.0	25.7	< 20.0	< 10.0	< 5.0	5.8 J	< 20.0	< 200	243	96.4 J	34.8	25.8	307
	2003 03 (Fall)		< 5.0	< 50.0	16.0 J	< 4.0	< 5.0	3.4 J	< 10.0	< 10.0	< 10.0	301	< 0.40	< 50.0	20.3	3.7 J	< 10.0	< 5.0	3.7 J	2.9 J	< 200	352	88.8	29.7	24.4 J	295
	2003 02 (Summer)		< 50.0	< 50.0	16.4 J	< 4.0	< 5.0	1.5 J	< 10.0	< 10.0	< 10.0	591	< 0.40 UJ	< 50.0	19.6 J	< 20.0	< 10.0	< 5.0	1.7 J	< 20.0	< 200	1,300	145	36.3	21.7 J	276
	2002 04 (Winter)		< 50.0	3.3 J	28.0	< 2.0	0.18 J	3.6 J	0.58 J	2.7 J	0.094 J	600 J	< 0.20	3.2 J	19.0 J	0.59 J	< 5.0	< 2.0	5.5 J	62.0 J	5.1 J	1,400	130	37.0 J	30.0	280
	2002 02 (Summer)		0.089 J	0.83 J	16.0	< 2.0	< 5.0	6.3 J	< 10.0	0.35 J	< 3.0	520	0.065 J	< 20.0	18.0 J	1.9 J	< 5.0	< 2.0	3.5 J	3.6 J	260 J	1,200	120	32.0	28.0	310
M114-A	2004 04 (Winter)		0.12 J	8.6	25.0	< 2.0	< 5.0	1.4 J	0.10 J	0.66 J	0.094 J	100	< 0.20	5.9 J	1.2 J	6.1	< 5.0	< 5.0	4.2 J	7.9 J	7.0 J	270	14.0	18.0	27.0	620
	2004 02 (Summer)		< 1.0	6.0	25.0	< 2.0	< 5.0	< 10.0	< 1.0	< 10.0	0.066 J	100	< 0.20	7.3 J	< 20.0	1.2	< 5.0	< 1.0	< 10.0	< 20.0	< 50.0	260	13.0	19.0	28.0	610
	2004 01 (Spring)		< 5.0	6.3 J	30.9 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	209	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	14.6 J	< 200	407	16.2	19.8	25.5 J	562
	2003 04 (Winter)		< 5.0 UJ	< 50.0	21.1 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0 UJ	105	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	< 20.0	< 200	227	12.5	16.8	26.6	586
	2003 03 (Fall)		< 5.0	8.9 J	26.7 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	118	< 0.40	6.5 J	< 20.0	< 20.0	< 10.0	< 5.0	3.0 J	11.0 J	< 200	291	15.3	20.4	29.0 J	612
	2003 02 (Summer)		< 50.0	< 50.0	32.9 J	< 4.0	< 5.0	< 10.0	< 10.0	1.1 J	< 10.0	148	< 0.40 UJ	7.2 J	< 20.0	< 20.0	< 10.0	< 5.0	2.5 J	< 20.0	< 200	294	17.2	23.1	27.9 J	629
	2003 01 (Spring)		< 1.0	7.1	30.0	< 2.0	< 5.0	2.3 J	< 10.0	3.7 J	< 3.0	230	< 0.20	7.2 J	9.9 J	< 5.0	< 5.0	< 1.0	18.0	4.7 J	6.8 J	340	11.0	9.9	17.0 J	390
	2002 04 (Winter)		0.56 J	6.8	26.0	< 2.0	0.071 J	< 10.0	0.83 J	14.0	0.54 J	120 J	< 0.20	6.3 J	8.9 J	< 5.0 UJ	< 5.0	< 2.0	15.0	23.0 J	180	440	10.0	15.0	20.0	190
	2002 03 (Fall)		< 50.0	4.8 J	22.0	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 3.0	95.0	< 0.20	5.4 J	< 20.0	< 5.0	< 5.0	< 2.0	< 10.0	< 26.0 UJ	< 100	< 250	11.0	14.0	28.0	600
	2002 02 (Summer)		0.057 J	6.3	25.0	< 2.0	< 5.0	1.7 J	0.074 J	0.51 J	< 3.0	86.0	< 0.20	5.4 J	0.69 J	1.9 J	< 5.0	< 2.0	3.0 J	9.0 J	33.0 J	270	12.0	16.0	29.0	690

FWBZ

Table 14-4
Groundwater Sample Analytical Results at IR Site 14: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																		Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M14-01	2004 04 (Winter)		0.14 J	2.9 J	180	< 2.0	< 5.0	1.7 J	0.55 J	1.4 J	0.27 J	3,200	< 0.20	0.32 J	3.7 J	< 5.0	< 5.0	< 5.0	2.1 J	10.0 J	5.2 J	7,900	400	240	63.0	1,200
	2004 02 (Summer)		< 1.0	2.9	140	< 2.0	< 5.0	< 10.0	0.28 J	< 10.0	0.11 J	3,100	< 0.20	< 20.0	< 20.0	7.4	< 5.0	< 1.0	< 10.0	7.4 J	< 50.0	2,100	360	190	55.0	950
	2004 01 (Spring)		< 5.0	< 50.0	91.5 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	3,250	< 1.0	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0	< 50.0	< 20.0	< 200	8,610	416	319	69.7 J	1,950
	2003 04 (Winter)		< 5.0	< 50.0	105	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	2,240	< 0.40 UJ	< 50.0	< 20.0	< 20.0	< 10.0	-	< 50.0	< 20.0	< 200	2,330	285 J	164 J	53.2 J	855 J
	2003 03 (Fall)		< 5.0	< 50.0	128	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	3,240	< 0.40	< 50.0	5.0 J	< 20.0	< 10.0	< 25.0	< 50.0	< 20.0	< 200	1,100	378	235	59.8 J	1,090
	2003 02 (Summer)		< 50.0	< 50.0	118	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	2,790	< 0.40 UJ	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	3,870	336	193	48.6 J	805
	2003 01 (Spring)		< 1.0	3.2 J	95.0	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 3.0	2,700	< 0.20	< 20.0	3.8 J	< 6.8	0.10 J	< 1.0	< 10.0	< 20.0	< 100	7,700	340	220	52.0 J	1,200
	2002 04 (Winter)		< 50.0	< 5.0	130	< 2.0	0.42 J	< 10.0	1.3 J	3.4 J	0.10 J	4,400	< 0.20	0.81 J	5.6 J	< 5.0 UJ	< 5.0	< 2.0	< 10.0	< 20.0	7.8 J	5,600 J	380	320	76.0	2,100
	2002 03 (Fall)		< 50.0	< 5.0	97.0	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 3.0	2,400	< 0.20	0.38 J	2.6 J	2.0 J	< 5.0	< 2.0	5.8 J	< 20.0	< 100	1,500	300	150	48.0	720
	2002 02 (Summer)		0.11 J	2.9 J	85.0	< 2.0	< 5.0	2.2 J	0.40 J	1.5 J	< 3.0	1,900 J	< 0.20	< 20.0 J	2.5 J	5.5	< 5.0	< 2.0	< 10.0	2.9 J	< 100	1,100	250	120 J	38.0	550
M14-02	2004 04 (Winter)		0.20 J	0.94 J	74.0	< 2.0	< 5.0	< 10.0	1.8	1.4 J	0.17 J	1,300	< 0.20	3.0 J	7.4 J	< 5.0	< 5.0	< 5.0	1.9 J	9.8 J	< 100	400	120	50.0	28.0 J	250
	2004 02 (Summer)		< 1.0	1.4	32.0	< 2.0	< 5.0	< 10.0	0.17 J	< 10.0	< 1.0	250	< 0.20	< 20.0	< 20.0	0.69 J	< 5.0	< 1.0	< 10.0	< 20.0	< 50.0	92.0 J	64.0	33.0	26.0	130
	2004 01 (Spring)		< 5.0	< 50.0	46.5 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	316	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	< 100	72.0	29.7	18.6 J	146
	2003 04 (Winter)		< 5.0	< 50.0	30.3 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	407	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	30.7 J	85.1 J	51.0	40.0	200
	2003 03 (Fall)		< 5.0 UJ	< 50.0 UJ	29.2 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	518	-	< 50.0	< 20.0	< 20.0	< 10.0	-	< 50.0	14.7 J	< 200	< 100	77.7	46.7	38.9 J	121
	2003 02 (Summer)		< 50.0	< 50.0	16.3 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	582	< 0.40 UJ	< 50.0	19.8 J	< 20.0	< 10.0	< 5.0	2.0 J	< 20.0	< 200	1,260	142	35.9	190 J	122
	2003 01 (Spring)		< 1.0	< 5.0	53.0	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 3.0	87.0	< 0.20	2.2 J	3.2 J	< 5.0	< 5.0	< 1.0	< 10.0	2.5 J	< 100	120	79.0	38.0	23.0 J	180
	2002 04 (Winter)		0.73 J	< 5.0	48.0 J	< 2.0	< 5.0	< 10.0	0.28 J	3.2 J	0.062 J	16.0	< 0.20	1.4 J	5.9 J	0.69 J	< 5.0	< 2.0	< 10.0	7.5 J	6.5 J	490 J	100	42.0	22.0	210
	2002 03 (Fall)		< 50.0	< 5.0	14.0	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 3.0	440	< 0.20	0.95 J	< 20.0	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0 UJ	< 100	410	63.0	38.0	30.0	140
	2002 02 (Summer)		0.084 J	0.49 J	20.0	< 2.0	< 5.0	0.71 J	0.23 J	0.47 J	0.031 J	440	< 0.20	< 20.0	1.4 J	0.64 J	< 5.0 UJ	< 2.0	0.71 J	< 20.0	< 100	310	69.0	40.0 J	29.0	150
M14-03	2004 04 (Winter)		0.20 J	< 5.0	130	< 2.0	< 5.0	< 10.0	0.21 J	2.0 J	0.20 J	2.0 J	< 0.20	3.8 J	4.6 J	< 5.0	< 5.0	< 5.0	1.1 J	10.0 J	4.9 J	420	170	17.0	9.0	50.0
	2004 02 (Summer)		< 1.0	< 1.0	120	< 2.0	< 5.0	< 10.0	0.074 J	< 10.0	< 1.0	25.0	< 0.20	< 20.0	< 20.0	0.70 J	< 5.0	< 1.0	< 10.0	< 20.0	< 50.0	< 100	120	14.0	6.6	34.0
	2004 01 (Spring)		< 5.0	< 50.0	44.3 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	13.3	< 0.40	31.7 J	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	7.7 J	< 200	33.3 J	127	18.6	7.9 J	35.0
	2003 04 (Winter)		< 5.0	< 50.0	123	< 4.0	< 5.0	< 10.0	6.1 J	< 10.0	< 10.0	1,020	< 0.40	15.0 J	15.8 J	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	126	126 J	26.7	21.9	114
	2003 03 (Fall)		< 5.0	< 50.0	121	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	193	< 0.40	5.5 J	6.2 J	< 20.0	< 10.0	< 5.0	< 50.0	3.1 J	< 200	35.8 J	124	16.2	13.4 J	83.0
	2003 02 (Summer)		< 50.0	< 50.0	54.3 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	2.9 J	< 0.40 UJ	< 50.0	1.9 J	< 20.0	< 10.0	< 5.0	1.5 J	< 20.0	< 200	< 100	21.0	10.4	2.8 J	16.0
	2003 01 (Spring)		< 1.0	< 5.0	57.0	< 2.0	< 5.0	< 10.0	< 10.0	2.2 J	< 3.0	31.0	< 0.20	3.0 J	3.7 J	< 5.0	< 5.0	< 1.0	0.49 J	11.0 J	< 100	190	110	15.0	8.1 J	31.0
	2002 04 (Winter)		0.34 J	< 5.0	79.0	< 2.0	< 5.0	< 10.0	0.23 J	2.3 J	0.18 J	0.91 J	< 0.20	2.5 J	4.6 J	< 5.0 UJ	< 5.0	< 2.0	< 10.0	17.0 J	8.7 J	670 J	140	17.0	9.1	50.0
	2002 03 (Fall)		< 50.0	< 5.0	130	< 2.0	< 5.0	< 10.0	< 10.0	< 10.0	< 3.0	8.9 J	< 0.20	3.7 J	3.3 J	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	< 100	450	130	15.0	9.7	56.0
	2002 02 (Summer)		0.16 J	4.4 J	120	0.036 J	< 5.0	0.41 J	0.79 J	0.68 J	0.057 J	230	< 0.20	< 20.0	2.4 J	0.46 J	< 5.0 UJ	< 2.0	0.076 J	< 20.0	< 100	4,200	130	12.0 J	7.3	37.0
D14-01	2004 04 (Winter)		0.29 J	< 5.0	120	< 2.0	< 5.0	1.6 J	1.7	4.9 J	0.58 J	6,100	< 0.20	1.3 J	9.7 J	< 5.0	< 5.0	< 5.0	1.6 J	34.0	9.0 J	10,000	790	1,500	49.0 J	5,900
	2004 02 (Summer)		< 1.0	8.7	110	< 2.0	2.4 J	< 10.0	0.89 J	< 10.0	0.11 J	5,600	< 0.20	< 20.0	< 20.0	17.0	< 5.0	< 1.0	< 10.0	< 20.0	< 50.0	7,500	720	1,400	39.0	5,700
	2004 01 (Spring)		< 5.0	< 50.0	79.1 J	< 4.0	< 5.0	< 10.0	< 20.0	< 10.0	< 10.0	4,030	< 1.0	< 100	< 40.0	< 20.0	< 10.0	< 20.0	< 50.0	< 20.0	< 200	5,550	634	1,220	32.8 J	5,060
	2003 04 (Winter)		< 5.0	5.5 J	130	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	4,390	< 0.40 UJ	< 50.0	< 20.0	< 20.0	< 10.0	-	< 50.0	< 20.0	< 200	5,600	988 J	1,480 J	28.0 J	6,170 J
	2003 03 (Fall)		< 5.0	13.0 J	129	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	6,200	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 25.0	< 50.0	< 20.0	< 200	7,940	900	1,600	47.2 J	5,630
	2003 02 (Summer)		< 50.0	6.1 J	102	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	5,670 J	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 100	< 50.0	< 20.0	< 200	7,270	777 J	1,480 J	59.2 J	5,440 J
	2003 01 (Spring)		< 1.0	6.0	110	< 2.0	< 5.0	< 10.0	< 10.0	3.6 J	< 3.0	5,100	< 0.20	< 20.0	3.6 J	7.4	< 5.0	< 1.0	< 10.0	< 20.0	< 100	7,600	630	1,300	38.0 J	5,400
	2002 04 (Winter)		< 50.0	< 5.0	110	< 2.0	< 5.0	< 10.0	1.9 J	6.5 J	0.11 J	3,000	< 0.20	1.5 J	9.1 J	< 5.0 UJ	0.024 J	< 2.0	3.3 J	< 20.0	5.7 J	10,000 J	360	720	19.0	5,700

FWBZ

SWBZ

Innovative Technical Solutions, Inc.

Table 14-4
Groundwater Sample Analytical Results at IR Site 14: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																		Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWBZ	D14-01	2002 03 (Fall)	< 50.0	< 5.0	110	< 2.0	< 5.0	< 10.0	1.8 J	6.7 J	< 3.0	4,900	< 0.20	1.3 J	9.3 J	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	< 100	10,000	680	1,300	34.0	5,500
		2002 02 (Summer)	0.094 J	3.4 J	92.0	< 2.0	< 5.0	12.0	1.2 J	< 10.0	< 3.0	4,900	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	4.0 J	6,000	690	1,400	32.0	5,600
	M101-C	2004 04 (Winter)	0.39 J	< 5.0	150	< 2.0	< 5.0	4.8 J	1.7	4.2 J	0.22 J	2,300	< 0.20	0.25 J	11.0 J	< 5.0	< 5.0	< 5.0	5.4 J	29.0	5.5 J	< 100	790	1,900	200	9,100
		2004 02 (Summer)	< 1.0	< 1.0	120	< 2.0	< 5.0	< 10.0	1.4	< 10.0	0.37 J	2,100	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 1.0	< 10.0	< 20.0	< 50.0	< 100	790	2,000	220	10,000
		2004 01 (Spring)	< 10.0	< 50.0	83.4 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	1,650	< 1.0	11.0 J	< 20.0	< 20.0	< 10.0	< 10.0	< 50.0	< 20.0	< 200	< 100	791	1,980	223 J	10,200
		2003 04 (Winter)	< 5.0	< 50.0	116	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	1,890	< 0.40 UJ	31.4 J	< 20.0	< 20.0	< 10.0	-	7.0 J	< 20.0	< 200	< 100	806 J	1,910 J	214 J	9,830 J
		2003 03 (Fall)	< 25.0	6.6 J	158	< 4.0	< 5.0	2.2 J	< 10.0	< 10.0	< 10.0	2,730	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 25.0	< 50.0	< 20.0	< 200	< 100	912	2,200	288 J	8,880
		2003 02 (Summer)	< 50.0	6.2 J	104	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	1,920	< 0.40 UJ	< 50.0	< 20.0	< 20.0	< 10.0	< 100	< 50.0	< 20.0	< 200	< 100	687	1,680	200 J	7,220
		2003 01 (Spring)	< 1.0	2.5 J	120	< 2.0	< 5.0	15.0	1.2 J	5.0 J	< 3.0	2,000	< 0.20	< 20.0	5.1 J	< 5.0	< 5.0	< 1.0	3.7 J	< 20.0	4.1 J	1,400	680	1,600	180	9,600
		2002 04 (Winter)	< 50.0	4.7 J	150	< 2.0	< 5.0	3.1 J	1.7 J	5.7 J	0.044 J	3,000	< 0.20	< 20.0	4.5 J	< 5.0	< 5.0	< 3.0	4.8 J	< 20.0	7.6 J	1,200 J	970	2,300	250	12,000
		2002 03 (Fall)	< 50.0	< 5.0	150	< 2.0	< 5.0	< 10.0	1.8 J	9.9 J	< 3.0	1,900	< 0.20	< 20.0	10.0 J	< 5.0	< 5.0	< 2.0	< 10.0	< 20.0	38.0 J	2,500	750	1,800	190	9,400
		2002 02 (Summer)	0.076 J	< 5.0	120	< 2.0	< 5.0	< 10.0	1.4 J	< 10.0	< 3.0	1,900	0.050 J	< 20.0	< 20.0	< 5.0	< 5.0	0.11 J	< 10.0	< 20.0	9.2 J	< 100	720	1,800	190	9,100

Table 14-5
Groundwater Sampling Field Parameters at Installation Restoration Site 14
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	M101-A	11/18/04	7.00	0.36	-9.0
		06/24/04	6.85	0.48	-65
		03/09/04	7.09	0.53	-164
		12/04/03	7.23	0.21	-93
		10/01/03	7.21	0.10	-123
		07/01/03	7.24	0.09	-138
		04/14/03	7.53	0.08	-220
		12/20/02	7.23	0.04	-156
		09/16/02	7.31	0.90	-149.7
		06/27/02	6.85	0.86	-143.7
First	M112-A	11/18/04	7.58	0.20	60
		06/24/04	7.30	7.20	47
		03/09/04	7.72	0.74	38
		12/05/03	7.11	0.45	212
		10/01/03	7.13	0.26	85
		07/02/03	7.11	0.18	-263
		04/15/03	7.03	2.14	145
		12/20/02	7.37	2.10	-54
		09/16/02	6.99	1.70	93.1
		06/27/02	6.96	0.21	-18.5
First	M113-A	11/18/04	7.00	0.11	87
		06/24/04	6.97	0.32	-53
		03/09/04	7.75	0.11	62
		12/05/03	7.29	0.28	30
		10/01/03	7.42	0.22	-22
		07/02/03	7.22	0.28	67
		04/14/03	7.38	0.36	-6.0
		12/20/02	6.87	1.24	-84.7
		09/16/02	7.42	1.00	-142.4
		07/01/02	7.15	0.00	-130.4
First	M114-A	11/18/04	7.80	0.14	169
		06/24/04	7.73	1.42	-81
		03/09/04	7.83	0.11	-149
		12/08/03	7.80	0.27	140
		10/01/03	7.91	0.18	10
		07/02/03	7.99	0.10	-304
		04/15/03	7.68	0.15	198
		12/23/02	7.66	0.76	-63.8
		09/17/02	7.81	0.15	-168
		06/26/02	7.94	1.90	-128
First	M14-01	11/18/04	6.91	0.19	-9.0
		06/24/04	7.39	3.10	43
		03/09/04	7.52	0.20	59
		12/04/03	6.96	0.28	-56
		10/01/03	6.78	0.47	-118
		09/16/03	NM	NM	NM
		07/02/03	6.92	0.10	-293
		04/15/03	6.92	0.14	2.0

Table 14-5
Groundwater Sampling Field Parameters at Installation Restoration Site 14
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	M14-01	12/20/02	6.21	1.50	-55.9
		06/26/02	6.79	***9.55***	63.3
First	M14-02	11/18/04	6.93	0.20	130
		06/24/04	7.07	0.35	40
		03/09/04	7.09	0.25	-261
		12/05/03	7.08	0.45	224
		09/30/03	7.37	0.39	-316
		07/02/03	7.22	0.37	159
		04/15/03	7.29	0.67	177
		12/20/02	6.43	3.49	40.3
		09/16/02	7.41	2.60	-114
		06/27/02	7.34	0.25	-70.8
First	M14-03	11/18/04	6.80	2.03	234
		06/24/04	6.62	2.26	153
		03/09/04	6.03	2.95	35
		12/05/03	6.87	0.32	194
		10/01/03	6.83	0.44	-210
		07/02/03	6.54	0.85	178
		04/15/03	7.09	2.21	143
		12/20/02	6.46	4.90	67.9
		09/16/02	6.78	5.20	6.0
		06/27/02	6.70	0.89	-62.9
Second	D14-01	11/18/04	7.04	0.21	46
		06/24/04	6.73	0.56	-39
		03/09/04	6.63	0.36	207
		12/04/03	7.02	0.95	-165
		10/01/03	6.80	0.22	-115
		07/01/03	7.03	0.33	-225
		04/15/03	7.04	0.55	35
		12/20/02	6.42	3.12	-89.9
		09/17/02	6.79	0.28	-103
		07/15/02	7.08	0.35	0.0
Second	M101-C	11/18/04	6.29	0.10	-267
		06/25/04	6.42	0.21	-194
		03/09/04	6.74	0.10	-89
		12/04/03	6.72	0.19	-314
		10/01/03	6.49	0.10	-306
		07/02/03	6.64	0.10	-283
		04/14/03	7.31	0.34	-262
		12/20/02	7.00	0.05	-337
		09/17/02	6.64	0.12	-350
		07/15/02	6.92	0.20	0.0

Notes:

Field parameters are measured during well purging, just prior to collection of the groundwater sample.

mg/L = milligrams per liter

ORP = oxidation-reduction potential

mV = millivolts

Table 14-5
Groundwater Sampling Field Parameters at Installation Restoration Site 14
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)

NM = not measured

Italicized results are outside expected range for parameter. Natural groundwater has the following expected ranges:

pH: between 6 and 8.5 standard units

DO: below approximately 9 mg/L

ORP: between approximately 600 and -400 mV

Table 14-6

Groundwater Sample Analytical Results at IR Site 14: Natural Attenuation Parameters

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

Innovative Technical Solutions, Inc.

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Groundwater Sample Analytical Results at IR Site 14: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M101-A	2004 04 (Winter)	< 0.0050	0.028	0.37	0.020 J	< 0.10	550	120	510	510	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010 J	0.018 J	0.23 J	< 0.050	< 0.10	630	100	690	690	< 1.0	< 1.0	0.070
		2003 04 (Winter)	< 0.0030	0.018	0.28	< 0.10	< 1.0	633	52.6	310	310	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	0.030	0.23	< 1.0	< 1.0	1,040	45.5	2,040	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	0.010	0.33	< 0.10	< 0.10	850	81.0	630	630	< 1.0	< 1.0	0.12
		2002 02 (Summer)	< 0.010	0.073	0.18	< 0.10	< 0.10	760	61.0	620	620	< 1.0	< 1.0	0.12
	M112-A	2004 04 (Winter)	< 0.0050	< 0.0050	0.080	0.030 J	< 0.050	25.0	130	320	320	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010 J	< 0.010 J	0.014 J	0.010 J	< 0.050	16.0	47.0	290	290	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.10	< 0.20	< 0.20	15.6 J	105	309	309	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.012	< 0.10	< 0.10	22.2	49.8	268	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	0.025	0.71	< 0.050	22.0	130	380	380	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	< 0.050	< 0.050	14.0	52.0	260	260	< 1.0	< 1.0	< 0.040
	M113-A	2004 04 (Winter)	0.095	< 0.0050	2.2	< 0.050	< 0.050	130	380	530	530	< 1.0	< 1.0	0.25
		2004 02 (Summer)	0.052 J	< 0.010 J	1.7 J	< 0.050	< 0.050	180	250	670	670	< 1.0	< 1.0	0.15
		2003 04 (Winter)	0.081	< 0.0030	1.5	0.18 J	< 0.20	155	263	573	573	< 5.0	-	< 1.0
		2003 02 (Summer)	0.035	0.0013 J	1.1	< 1.0	< 1.0	182	243	596	-	-	-	< 1.0
		2002 04 (Winter)	0.037	< 0.010	1.5	< 0.050	< 0.050	160	260	540	540	< 1.0	< 1.0	0.18
		2002 02 (Summer)	0.057	< 0.010	2.0	< 0.10	< 0.10	150	210	620	620	< 1.0	< 1.0	0.28
	M114-A	2004 04 (Winter)	< 0.0050	< 0.0050	0.053	< 0.050	< 0.10	570	46.0	600	600	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010 J	< 0.010 J	0.030 J	< 0.050	< 0.10	560	49.0	700	630	72.0	< 1.0	0.050
		2003 04 (Winter)	< 0.0030	< 0.0030	0.026	< 1.0	< 1.0	525	41.8	650	650	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.031	< 1.0	< 1.0	670	45.7	631	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	0.011	< 0.050	< 0.050	370	50.0	490	490	< 1.0	< 1.0	< 0.040

Ta 4-6

Groundwater Sample Analytical Results at IR Site 14: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M114-A	2002 02 (Summer)	< 0.010	< 0.010	0.030	< 0.25	< 0.25	530	55.0	660	660	< 1.0	< 1.0	< 0.040
FWBZ	M14-01	2004 04 (Winter)	< 0.0050	< 0.0050	0.080	< 0.25	< 0.25	2,700	310	400	400	< 1.0	< 1.0	< 0.040
FWBZ	M14-01	2004 02 (Summer)	< 0.010 J	< 0.010 J	0.047 J	< 0.25	< 0.25	2,200	270	430	430	< 1.0	< 1.0	< 0.040
FWBZ	M14-01	2003 04 (Winter)	< 0.0030	< 0.0030	0.045	1.3	< 1.0	2,110	265	411	411	< 5.0	-	< 1.0
FWBZ	M14-01	2003 02 (Summer)	< 0.0030	< 0.0030	0.048	< 1.0	< 1.0	2,430	282	375	-	-	-	< 1.0
FWBZ	M14-01	2002 04 (Winter)	< 0.010	< 0.010	0.052	0.40	< 0.50	4,000	520	390	400	< 1.0	< 1.0	< 0.040
FWBZ	M14-01	2002 02 (Summer)	< 0.010	< 0.010	0.078	< 0.50	< 0.50	1,400	200	360	360	< 1.0	< 1.0	< 0.040
FWBZ	M14-02	2004 04 (Winter)	< 0.0050	< 0.0050	0.019	< 0.050	< 0.050	300	110	430	430	< 1.0	< 1.0	< 0.040
FWBZ	M14-02	2004 02 (Summer)	< 0.010 J	< 0.010 J	0.11 J	0.030 J	< 0.050	79.0	50.0	430	430	< 1.0	< 1.0	< 0.040
FWBZ	M14-02	2003 04 (Winter)	< 0.0030	< 0.0030	0.015	< 0.20	< 0.20	93.6	84.7	441	441	< 5.0	-	< 1.0
FWBZ	M14-02	2003 02 (Summer)	< 0.0030	< 0.0030	0.020	< 1.0	< 1.0	99.9	86.6	393	-	-	-	< 1.0
FWBZ	M14-02	2002 04 (Winter)	< 0.010	< 0.010	< 0.010	0.55	< 0.050	330	120	390	390	< 1.0	< 1.0	< 0.040
FWBZ	M14-02	2002 02 (Summer)	< 0.010	< 0.010	0.043	0.060	< 0.050	78.0	110	420	420	< 1.0	< 1.0	0.040 J
FWBZ	M14-03	2004 04 (Winter)	< 0.0050	< 0.0050	0.0050	0.51	< 0.050	35.0	180	290	290	< 1.0	< 1.0	< 0.040
FWBZ	M14-03	2004 02 (Summer)	< 0.010 J	< 0.010 J	< 0.010 J	0.25	< 0.050	18.0	95.0	350	350	< 1.0	< 1.0	< 0.040
FWBZ	M14-03	2003 04 (Winter)	< 0.0030	< 0.0030	0.022	< 0.20	< 0.20	34.7 J	144	369	369	< 5.0	-	< 1.0
FWBZ	M14-03	2003 02 (Summer)	< 0.0030	< 0.0030	0.0050	0.31	< 0.10	30.8	105	268	-	-	-	< 1.0
FWBZ	M14-03	2002 04 (Winter)	< 0.010	< 0.010	< 0.010	1.2	< 0.050	32.0	190	360	360	< 1.0	< 1.0	< 0.040
FWBZ	M14-03	2002 02 (Summer)	< 0.010	< 0.010	0.010 J	0.29	< 0.050	21.0	120	280	280	< 1.0	< 1.0	< 0.040
SWBZ	D14-01	2004 04 (Winter)	< 0.0050	< 0.0050	0.015	< 1.0	< 1.3	13,000	1,200	730	730	< 1.0	< 1.0	< 0.040
SWBZ	D14-01	2004 02 (Summer)	< 0.010 J	< 0.010 J	0.010 J	< 1.3	< 1.3	13,000	1,200	770	770	< 1.0	< 1.0	< 0.040
SWBZ	D14-01	2003 04 (Winter)	< 0.0030	< 0.0030	0.0082	< 1.0	-	13,200	1,040	746	746	< 5.0	-	< 1.0
SWBZ	D14-01	2003 02 (Summer)	< 0.0030	< 0.0030	0.0085	< 1.0	< 50.0	13,200	1,070	725	-	-	-	< 1.0

Ta 4-6

Groundwater Sample Analytical Results at IR Site 14: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWBZ	D14-01	2002 04 (Winter)	< 0.010	< 0.010	**0.011**	< 1.3	< 1.3	**13,000**	**1,200**	**760**	**760**	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	**0.016**	< 0.50	< 0.50	**13,000**	**1,200**	**770**	**770**	< 1.0	< 1.0	< 0.040
	M101-C	2004 04 (Winter)	< 0.0050	< 0.0050	**17.0**	< 1.3	< 2.5	**20,000**	**1,700**	**1,800**	**1,800**	< 1.0	< 1.0	**37.0**
		2004 02 (Summer)	< 0.010	< 0.010	**14.0**	< 1.3	< 2.5	**20,000**	**1,800**	**1,600**	**1,600**	< 1.0	< 1.0	**40.0**
		2003 04 (Winter)	< 0.0030	< 0.0030	**6.1**	< 1.0	-	**17,000**	**1,610**	**1,890**	**1,890**	< 5.0	-	**32.0**
		2003 02 (Summer)	< 0.0030	< 0.0030	**5.7**	< 1.0	< 50.0 UJ	**21,100**	**1,750**	**1,590**	-	-	-	**22.0**
		2002 04 (Winter)	< 0.010	< 0.010	**18.0**	< 2.5	< 2.5	**19,000**	**1,600**	**1,900**	**1,900**	< 1.0	< 1.0	**45.0**
		2002 02 (Summer)	< 0.010	< 0.010	**20.0**	< 1.0	< 1.0	**20,000**	**1,700**	**1,700**	**1,700**	< 1.0	< 1.0	**20.0**

General Table Footnotes
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Acronyms and abbreviations

AWQC: Saltwater Ambient Water Quality Criteria, (U.S. EPA, 2002)
BV: Background value (Tetra Tech Environmental Management, Inc., November, 2001)
FWBZ: First Water-Bearing Zone
IR Site: Installation Restoration Site
MCL: California maximum contaminant level (U.S. EPA and California Department of Health Services, June 2003)
MTBE: Methyl tert-butyl ether
NA: Not available (applicable to regulatory limits or background values)
PAH: Polycyclic Aromatic Hydrocarbons
PCE: Tetrachloroethene
Ra: Radium
SO_4: Sulfate
Sr: Strontium
SVOC: Semivolatile Organic Compounds
SWBZ: Second Water-Bearing Zone
TCE: Trichloroethene
TDS: Total Dissolved Solids
TPH: Total Petroleum Hydrocarbons
VOC: Volatile Organic Compounds
-: compound not analyzed

Units

µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: pico curies per liter
PPBV: parts per billion by volume

Validation Qualifiers

J: Estimated value.
U: Not detected at or above the indicated reporting limit.
UJ: Not detected at or above the indicated reporting limit. The reporting limit is an estimate.
R: The analyte is rejected due to deficiencies in the ability to analyze the sample and meet QC criteria.
UR: The analyte was not detected. The analyte is rejected due to deficiencies in the ability to analyze the sample and meet QC criteria.

Notes

Detected values are bolded.
Detected values greater than the MCL are shown in yellow highlighting
Detected values greater than the BV are shown in blue highlighting
Detected values greater than the both the BV and the MCL are shown in pink highlighting
Total TPH (calculated) is the sum of all reported TPH results. Where all TPH results are less than reporting limits, the Total TPH value is represented by the highest reporting limit.

Figures

Site 14
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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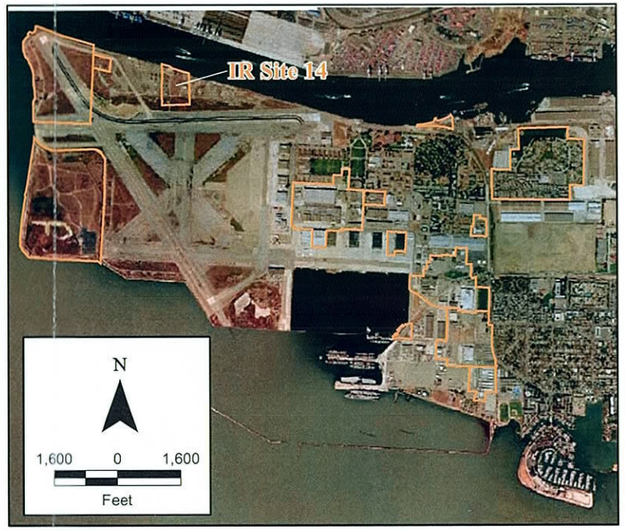

Legend

- First Water Bearing Zone (FWBZ) Wells
- Second Water Bearing Zone (SWBZ) Wells
- IR Site Boundary
- Facility

N

200 0 200

Feet

2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Site 14\IR Site 14 Location Map_NAD83.mxd

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SAN DIEGO, CALIFORNIA
ALAMEDA POINT, ALAMEDA, CALIFORNIA

FIGURE 14-1
IR SITE 14
SITE AND WELL LOCATION MAP

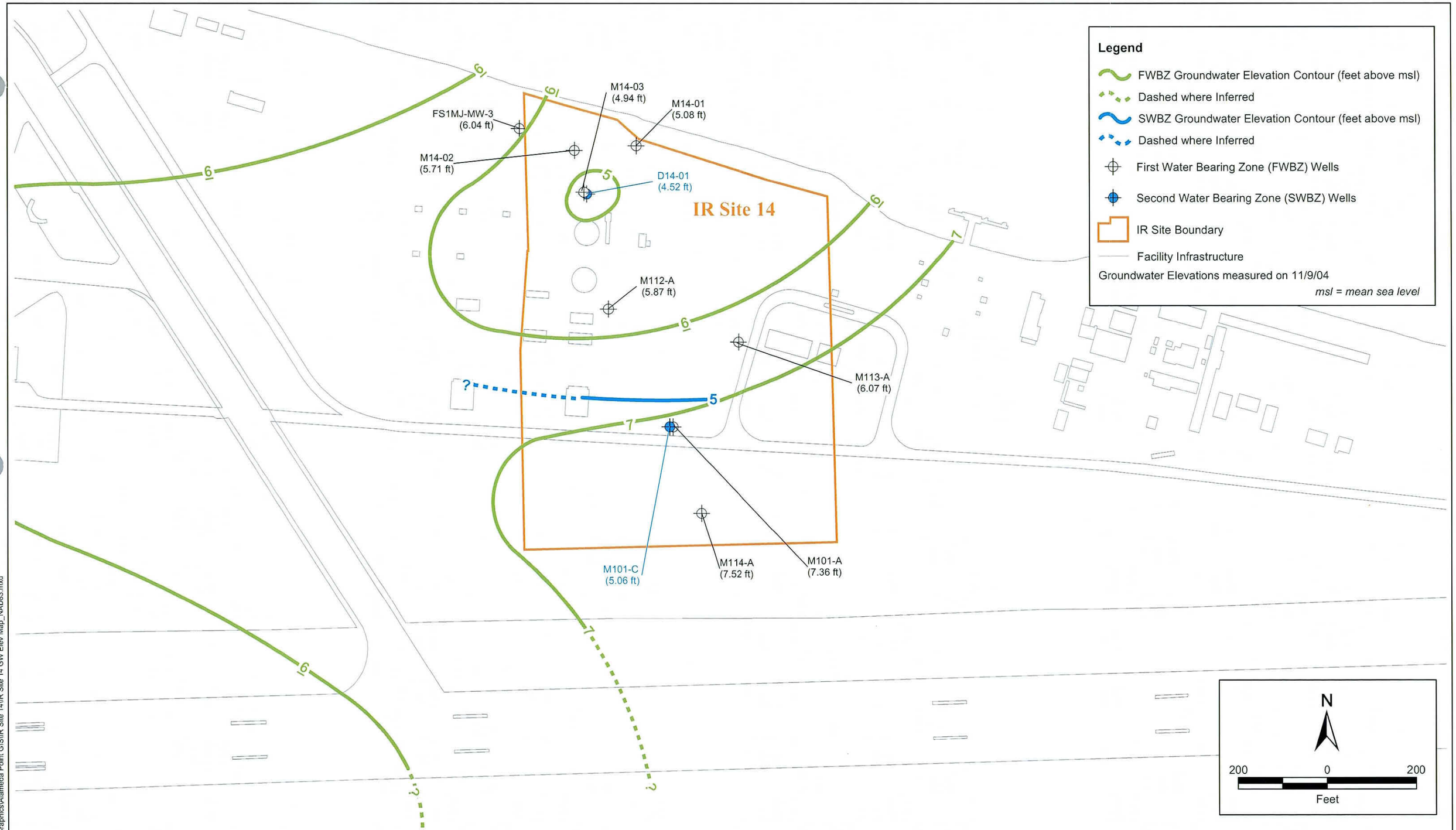

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FIGURE 14-2
IR SITE 14
GROUNDWATER ELEVATION MAP
FALL/WINTER 2004

2002 Projects\02-12...\Graphics\Alameda Point GIS\IR Site 14\IR Site 14 GW Elev Map_NAD83.mxd

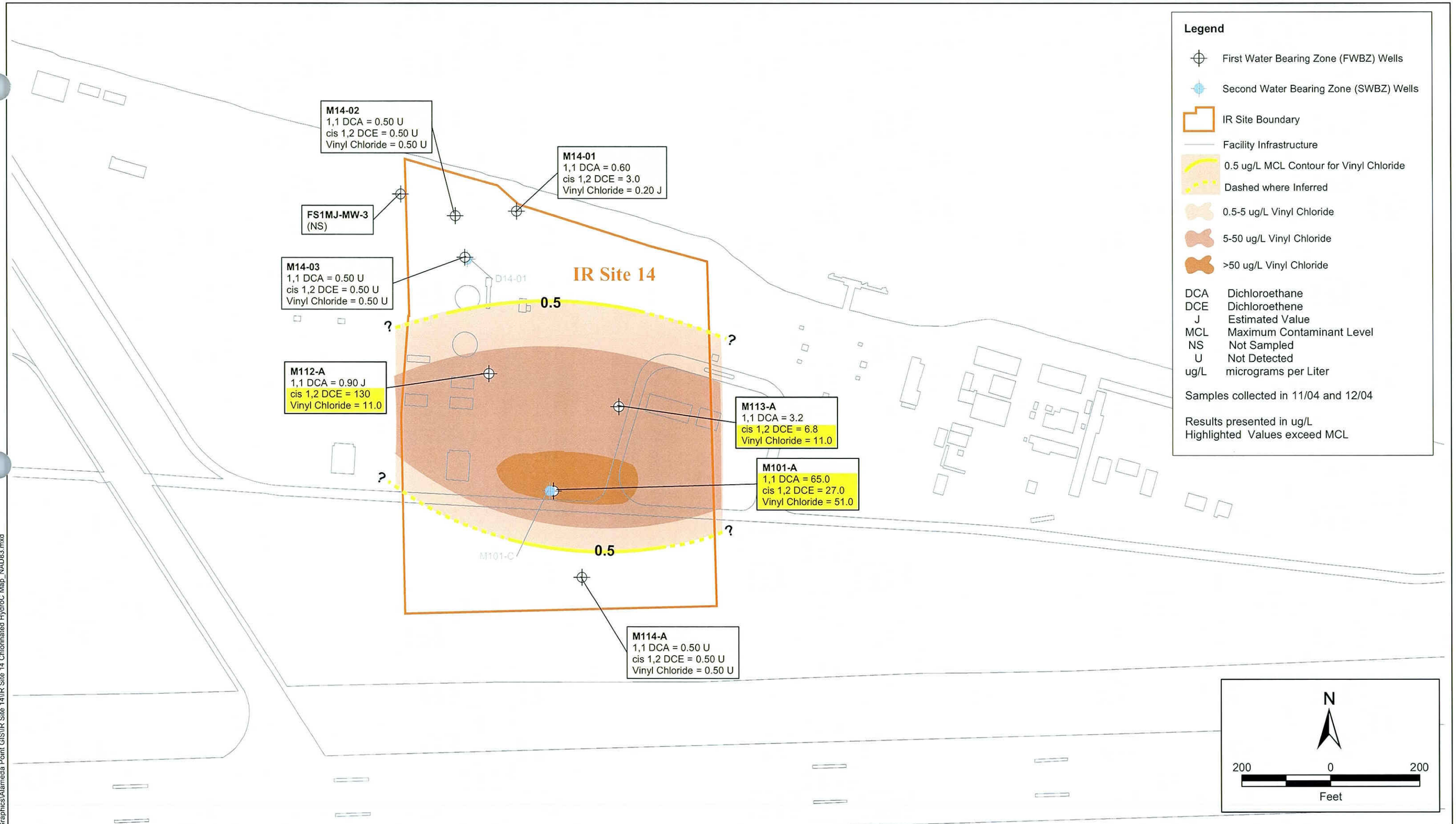

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FIGURE 14-3
IR SITE 14
GROUNDWATER DISTRIBUTION OF SELECTED
CHLORINATED HYDROCARBONS ABOVE CRITERIA
FALL/WINTER 2004

Appendix A -
Analytical Data with Data Qualifiers and Reason Code Definitions

Site 14
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

Innovative Technical Solutions, Inc.

N00236.003004
ALAMEDA POINT
SSIC NO. 5090.3.A.

ANALYTICAL DATA

THIS RECORD CONTAINS LARGE VOLUMES OF DATA AND IS NOT REQUIRED TO BE PHYSICALLY LOCATED WITH THE ADMINISTRATIVE RECORD DOCUMENT.

DUE TO EXTENSIVE VOLUME, THIS DATA WILL NOT BE IMAGED.

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Site 16

Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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Tables

Site 16
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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Table 16-1
Groundwater Monitoring Summary, IR Site 16 - Fall/Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

				Organic Compounds						Inorganic Compounds	Natural Attenuation Parameters				
WATER-BEARING ZONE	SAMPLE LOCATION	GEOLOGICAL UNIT	SCREEN INTERVAL (FT. BGS)	TPH- E as Diesel, Jet Fuel, Motor Oil (EPA 8015B)	TPH-P as Gasoline (EPA 8015B)	VOCs (EPA 8260B)	1,4-Dioxane (EPA 8270 SIM)	Pesticides (EPA 8081A)	PCBs (EPA 8082)	Dissolved Metals (EPA 6010B/ 6020A/7470A)	Methane, Ethane, Ethene (RSK SOP 175)	Nitrate, Nitrite, Chloride, Sulfate (EPA9056/300.0)	Alkalinity (EPA 310.1)	Sulfide (EPA 376.2)	Ferrous Iron (Hach 8146)
Groundwater Monitoring Program Wells															
First	608MJ-MW2	Fill-BSU	3.2 - 11.5	X	X	X	X	X	X	X	X	X	X	X	X
	F16SS-MW06	Fill-BSU	5 - 15			X	X	X	X		X	X	X	X	X
	MW16-05	Fill-BSU	5 - 14.5			X	X	X	X	X	X	X	X	X	X
	MW16-06	Fill-BSU	5 - 14.5			X	X	X	X	X	X	X	X	X	X
	MWC2-1	Fill-BSU	5 - 15	X	X	X	X		X	X	X	X	X	X	X
	MWC2-2	Fill-BSU	5 - 15	X	X	X	X		X	X	X	X	X	X	X
	MWC2-3	Fill-BSU	5 - 15	X	X	X	X	X	X	X	X	X	X	X	X

Notes: X Well sampled for this parameter during Fall/Winter 2004 event.

Fill - Artificial Fill
BSU - Bay Sediment Unit
USA - Upper San Antonio Formation
Merritt - Merritt Sand

FT. BGS - Feet below ground surface
TPH - Total Petroleum Hydrocarbons
VOCs - Volatile Organic Compounds
PCBs - Polychlorinated Biphenyls

(8260B) - U.S. Environmental Protection Agency analytical method
RSK 175 - R.S. Kerr Laboratory Standard Operating Procedure 175

Table 16-2
Summary of Groundwater Level Measurements at Installation Restoration Site 16
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	608MJ-MW2	11.3	11.05 *	11/08/04	4.59	6.46
		11.3	11.05 *	06/15/04	4.55	6.50
		11.3	11.05 *	03/01/04	3.51	7.54
		11.3	11.05 *	12/04/03	4.60	6.45
		11.3	11.05 *	09/15/03	4.69	6.36
		11.3	11.05 *	06/23/03	4.16	6.89
		11.3	11.05 *	04/07/03	3.89	7.16
		11.3	11.05 *	12/11/02	4.66	6.39
		11.3	11.05 *	09/03/02	4.73	6.32
		11.3	11.05 *	06/17/02	4.24	6.81
First	MWC2-1	12.1	11.32 *	11/08/04	4.22	7.10
		12.1	11.32 *	06/15/04	3.87	7.45
		12.1	11.32 *	03/01/04	3.21	8.11
		12.1	11.32 *	12/04/03	4.40	6.92
		12.1	11.32 *	09/15/03	4.74	6.58
		12.1	11.32 *	06/23/03	3.63	7.69
		12.1	11.32 *	04/07/03	3.47	7.85
		12.1	11.32 *	12/11/02	4.02	7.30
		12.1	11.32 *	09/03/02	4.00	7.32
		12.1	11.32 *	06/17/02	3.63	7.69
First	MWC2-2	13.2	12.47 *	11/08/04	5.85	6.62
		13.2	12.47 *	06/15/04	5.32	7.15
		13.2	12.47 *	03/01/04	4.37	8.10
		13.2	12.47 *	12/04/03	5.91	6.56
		13.2	12.47 *	09/15/03	4.23	8.24
		13.2	12.47 *	06/23/03	4.92	7.55
		13.2	12.47 *	04/07/03	4.71	7.76
		13.2	12.47 *	12/11/02	5.62	6.85
		13.2	12.47 *	09/03/02	5.36	7.11
		13.2	12.47 *	06/17/02	4.92	7.55
First	MWC2-3	10.7	10.41 *	11/08/04	3.55	6.86
		10.7	10.41 *	06/15/04	3.45	6.96
		10.7	10.41 *	03/01/04	1.82	8.32
		10.7	10.41 *	12/04/03	3.47	6.67
		10.7	10.41 *	09/15/03	2.56	7.58
		10.7	10.41 *	06/23/03	3.19	6.95
		10.7	10.41 *	04/07/03	2.89	7.25
		10.7	10.41 *	12/11/02	3.73	6.41
		10.7	10.41 *	09/03/02	3.74	6.40
		10.7	10.41 *	06/17/02	3.27	6.87
First	MW16-05	12.42	12.42	11/08/04	6.20	6.22
		12.42	12.42	06/15/04	6.35	6.07
First	MW16-06	11.60	11.60	11/08/04	5.03	6.57
		11.60	11.60	06/15/04	5.45	6.15
First	F16SS-MW06	11.12	11.12	11/11/04	4.37	6.75
		11.12	11.12	06/15/04	5.42	5.70

Table 16-2
Summary of Groundwater Level Measurements at Installation Restoration Site 16
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)

Notes:

BTOC = below top of casing

msl = mean sea level

* = Surveyed to NGVD 29 by Calvada Surveying in September 2002. Subsequently converted to NAVD 88 by Shaw Environmental, Inc. using the Corpscon software.

Table 16-3

Groundwater Sample Analytical Results at IR Site 16: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

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Table 16-3

Groundwater Sample Analytical Results at IR Site 16: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
608MJ-MW2	2004 04 (Winter)		< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2004 02 (Summer)		< 50.0	< 50.0	< 300	53.0	53.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	50.0	11.0	0.20 J	67.0	0.50	< 0.50	< 0.50	< 0.50	3.7
	2003 04 (Winter)		< 190	< 290	< 190	28.0 J	28.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	14.0	7.3	0.21 J	55.0	0.52 J	< 1.0	< 0.50	< 1.0	1.0
	2003 02 (Summer)		-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	21.0	4.8	< 1.0	40.0	0.61 J	< 1.0	< 0.50	< 1.0	2.2
	2002 04 (Winter)		-	-	-	-	-	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 2.0	< 0.50	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	59.0	34.0	< 0.50	61.0	0.40 J	< 0.50	< 0.50	< 0.50	0.50
	2002 02 (Summer)		< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	10.0	4.2	< 0.50	36.0	0.30 J	< 0.50	< 0.50	< 0.50	4.3
F16SS-MW06	2004 04 (Winter)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 UJ	0.90	< 0.50	0.50	< 0.50	< 0.50	0.80	0.90	< 0.50	1.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2004 02 (Summer)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	0.40 J	< 0.50	0.60	< 0.50	< 0.50	0.80	0.90	< 0.50	1.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
MW16-05	2004 04 (Winter)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	0.10 J	0.80	< 0.50	0.20 J	< 0.50	0.50	< 0.50	5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2004 02 (Summer)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.50	< 0.50	3.2	0.10 J	< 0.50	< 0.50	< 0.50	< 0.50
MW16-06	2004 04 (Winter)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.60	< 0.50	9.3	0.10 J	0.50	< 0.50	< 0.50	< 0.50
	2004 02 (Summer)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.80	< 0.50	17.0	0.50 J	0.50	< 0.50	< 0.50	< 0.50
MWC2-1	2004 04 (Winter)		2,200	990	780	< 50.0	3,970	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2004 02 (Summer)		< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2004 01 (Spring)		-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 04 (Winter)		< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 03 (Fall)		-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 02 (Summer)		-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 01 (Spring)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2002 04 (Winter)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50 J	< 0.50	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2002 03 (Fall)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	0.60	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.30 J	< 0.50	< 0.50	< 0.50
	2002 02 (Summer)		< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.30 J	< 0.50	< 0.50	< 0.50
MWC2-2	2004 04 (Winter)		130	580	< 300	760	1,470	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 20.0	< 5.0	130	830	26.0	140	< 5.0	< 5.0	< 5.0	7.3	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	2004 02 (Summer)		< 50.0	77.0	< 300	260	337	0.20 J	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0	30.0	200	6.4	30.0	< 1.0	1.8	< 1.0	2.2	0.70 J	< 1.0	< 1.0	< 1.0	< 1.0
	2004 01 (Spring)		-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	1.7	41.0	2.0	8.2	< 1.0	2.7	< 1.0	0.60 J	0.36 J	< 1.0	< 0.50	< 1.0	< 0.50
	2003 04 (Winter)		< 200	1,400	< 200	4,600	6,000	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	9.2	4,500	130	520	0.22 J	5.3	< 1.0	1.9	0.44 J	< 1.0	< 0.50	< 1.0	< 0.50
	2003 03 (Fall)		-	-	-	-	-	< 0.50 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 2.0 UJ	< 5.0 UJ	5.6 J	2,100	32.0 J	230	< 1.0 UJ	4.7 J	< 1.0 UJ	2.0 J	0.46 J	< 1.0 UJ	< 0.50 UJ	< 1.0 UJ	< 0.50 UJ
	2003 02 (Summer)		-	-	-	-	-	< 0.50 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	3.8	480	16.0	76.0	< 1.0	2.0 J	< 1.0	0.98 J	0.21 J	< 1.0	< 0.50	< 1.0	< 0.50
	2003 01 (Spring)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	3.6	170	9.6	40.0	< 0.50	2.9	< 0.50	1.0	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50
	2002 04 (Winter)		-	-	-	-	-	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 13.0	< 3.1	170	1,800	55.0	280	< 3.1	3.4	< 3.1	7.2	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1
	2002 03 (Fall)		-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	2.6	200	12.0	54.0	< 0.50	4.4	< 0.50	1.5	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50
	2002 02 (Summer)		< 50.0	130	< 300	230	360	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0	2.6	240	11.0	48.0	< 1.0	3.8	< 1.0	1.4	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MWC2-3	2004 04 (Winter)		86.0	< 50.0	< 300	< 50.0	86.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.20 J	< 0.50	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2004 02 (Summer)		< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.20 J	< 0.50	0.50 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2004 01 (Spring)		-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.23 J	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 04 (Winter)		< 190	< 280	< 190	< 50.0	< 280	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.20 J	< 1.0	0.37 J	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 03 (Fall)		-	-	-	-	-	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.24 J	< 1.0	0.54 J	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 02 (Summer)		-	-	-	-	-	< 0.50 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UJ	< 1.0	0.50 J	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50

FWBZ

Table 16-3

Groundwater Sample Analytical Results at IR Site 16: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			TPH					Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			TPH-Diesel	TPH-Jet Fuel	TPH-Motor Oil	TPH-Gasoline	Total TPH (Calculated)	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	ug/l	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	**NA**	**NA**	**NA**	**NA**	**NA**	**1.0**	**150**	**300**	**1,750**	**1,750**	**NA**	**13.0**	**70.0**	**600**	**NA**	**5.0**	**5.0**	**5.0**	**6.0**	**6.0**	**10.0**	**5.0**	**0.50**	**200**	**0.50**
		BV:	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
Well Number		**Event** **AWQC:**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
FWBZ	MWC2-3	2003 01 (Spring)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	**0.30 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	-	-	-	-	-	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 2.0	< 0.50	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50	< 0.50 J	< 0.50	**0.40 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	-	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.30 J**	< 0.50	**0.50**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 50.0	< 50.0	< 300	< 50.0	< 300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.40 J**	< 0.50	**0.50 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Table 16-4

Groundwater Sample Analytical Results at IR Site 16: Dissolved Metals

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

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Table 16-4

Groundwater Sample Analytical Results at IR Site 16: Dissolved Metals

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																		Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
608MJ-MW2	2004 04 (Winter)		0.87 J	< 5.0	30.0	< 2.0	0.64 J	< 10.0	3.8	13.0	1.1 J	110	< 0.20	1.0 J	17.0 J	< 5.0	< 5.0	< 5.0	2.1 J	7.0 J	< 100	31.0 J	17.0	4.2	5.1	14.0
	2004 02 (Summer)		1.8	10.0	110	< 1.0	28.0	0.18 J	70.0	90.0	270	1,200	< 0.20	1.9 J	71.0	< 1.0	< 1.0	0.29 J	17.0	260	< 50.0	790	37.0	11.0	22.0	16.0
	2003 04 (Winter)		< 5.0	19.0 J	94.7 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	2.5 J	57.1	< 0.40 UJ	< 50.0	18.3 J	< 20.0	< 10.0	-	14.8 J	< 20.0	< 200	< 100	37.4 J	11.9 J	17.8 J	18.3 J
	2003 02 (Summer)		< 50.0	14.9 J	75.4 J	< 4.0	< 5.0	< 10.0	3.5 J	< 10.0	< 10.0	184	< 0.40 UJ	< 50.0	28.1	< 20.0	< 10.0	< 5.0	3.5 J	8.4 J	< 200	33.6 J	33.9	10.4	9.9 J	21.0
	2002 04 (Winter)		0.93 J	< 5.0	200	< 2.0	45.0	< 10.0	290	210	450	3,900	< 0.20	< 20.0	550	0.43 J	< 5.0	< 2.0	8.2 J	360 J	< 100	5,500	110	33.0	17.0	27.0
	2002 02 (Summer)		0.50 J	3.0 J	57.0	0.085 J	0.089 J	0.68 J	0.28 J	0.76 J	0.25 J	85.0	< 0.20	< 20.0	0.81 J	< 5.0	0.053 J	< 2.0	0.69 J	2.9 J	5.7 J	78.0 J	29.0	7.4	10.0	10.0
MW16-05	2004 04 (Winter)		< 1.0	25.0	10.0	< 2.0	< 5.0	< 10.0	0.096 J	0.90 J	0.34 J	29.0	0.095 J	3.7 J	< 20.0	< 5.0	< 5.0	< 5.0	13.0	3.3 J	< 100	50.0 J	6.7	4.5	14.0	410
	2004 02 (Summer)		2.8	35.0	7.4	< 1.0	< 1.0	1.5	0.12 J	1.2	0.12 J	12.0	< 0.20	4.2 J	1.4	1.5	< 1.0	< 1.0	41.0	14.0	16.0 J	27.0 J	4.5 J	3.2	11.0	380
MW16-06	2004 04 (Winter)		1.1	24.0	5.8 J	< 2.0	< 5.0	< 10.0	0.096 J	3.2 J	0.44 J	< 10.0	< 0.20	7.0 J	< 20.0	< 5.0	< 5.0	0.27 J	19.0	4.4 J	3.0 J	< 100	5.3	2.6	9.8	210
	2004 02 (Summer)		2.8	24.0	6.3	< 1.0	< 1.0	0.78 J	0.19 J	2.9	0.16 J	7.4	< 0.20	9.1	2.0	1.1	< 1.0	< 1.0	24.0	7.1	21.0 J	29.0 J	4.4 J	2.6	9.2	180
MWC2-1	2004 04 (Winter)		2.5	7.2	39.0	< 2.0	< 5.0	1.1 J	0.071 J	4.3 J	0.27 J	3.1 J	< 0.20	2.2 J	< 20.0	< 5.0	< 5.0	< 5.0	11.0	9.8 J	< 100	74.0 J	18.0	5.2	6.8	62.0
	2004 02 (Summer)		1.1	37.0	27.0	< 1.0	< 1.0	1.5	0.19 J	9.7	0.54 J	16.0	0.051 J	3.6 J	3.2	2.8	< 1.0	< 1.0	100	14.0	25.0 J	< 100	11.0	3.9	8.1	120
	2003 04 (Winter)		< 5.0	16.0 J	29.2 J	< 4.0	< 5.0	< 10.0	< 10.0	7.8 J	< 10.0	23.7	< 0.40 UJ	< 50.0	< 20.0	< 20.0	< 10.0	-	6.7 J	< 20.0	119 J	167	13.5 J	4.7 J	8.6 J	88.4 J
FWBZ	2003 02 (Summer)		< 50.0	31.1 J	24.6 J	< 4.0	< 5.0	< 10.0	< 10.0	12.9	< 10.0	41.7 J	-	< 50.0	< 20.0	5.5 J	< 10.0	< 5.0	10.3 J	4.6 J	30.3 J	62.4 J	8.3	3.4	9.4 J	124 J
	2002 04 (Winter)		< 50.0	5.0	71.0	< 2.0	< 5.0	< 10.0	0.11 J	1.2 J	0.082 J	20.0	< 0.20	< 20.0	0.84 J	< 5.0	< 5.0	< 2.0	4.9 J	3.1 J	< 100	< 150	23.0	11.0	10.0	34.0
	2002 02 (Summer)		0.29 J	28.0	57.0	< 2.0	< 5.0	2.0 J	0.22 J	5.3 J	0.14 J	26.0	0.072 J	4.1 J	2.5 J	< 5.0	< 5.0	< 2.0	8.8 J	3.4 J	13.0 J	170	67.0	3.0	11.0	200
MWC2-2	2004 04 (Winter)		1.3	4.9 J	76.0	< 2.0	0.20 J	< 10.0	0.65 J	5.3 J	0.27 J	88.0	< 0.20	6.5 J	< 20.0	< 5.0	< 5.0	< 5.0	5.3 J	5.5 J	< 100	< 100	110	43.0	35.0	140
	2004 02 (Summer)		2.0	2.6	96.0	< 1.0	< 1.0	1.8	2.2	8.9	0.069 J	280	< 0.20	5.8	9.0	13.0	< 1.0	< 1.0	4.2	12.0	< 50.0	< 100	150	60.0	41.0	93.0
	2003 04 (Winter)		< 5.0	< 50.0	108	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	769	< 0.40 UJ	< 50.0	< 20.0	< 20.0	< 10.0	-	< 50.0	< 20.0	< 200	< 100	240 J	99.6 J	40.1 J	60.4 J
	2003 02 (Summer)		< 50.0	< 50.0	138	< 4.0	< 5.0	< 10.0	< 10.0	1.4 J	< 10.0	267	< 0.40 UJ	< 50.0	2.3 J	< 20.0	< 10.0	< 5.0	1.6 J	< 20.0	< 200	< 100	196	82.0	36.4 J	86.3
	2002 04 (Winter)		< 50.0	< 5.0	120	< 2.0	< 5.0	< 10.0	0.26 J	0.94 J	0.10 J	300	< 0.20	1.8 J	3.9 J	0.67 J	< 5.0	< 2.0	< 10.0	0.84 J	< 100	530	110	45.0	26.0	110
	2002 02 (Summer)		0.13 J	1.5 J	160	< 2.0	< 5.0	2.1 J	0.13 J	1.1 J	0.058 J	120	0.046 J	< 20.0	1.7 J	0.93 J	< 5.0	< 2.0	2.4 J	1.6 J	< 100 J	200	82.0	32.0	23.0	89.0
MWC2-3	2004 04 (Winter)		1.1	< 5.0	98.0	< 2.0	< 5.0	< 10.0	0.12 J	1.6 J	0.29 J	72.0	< 0.20	0.74 J	< 20.0	< 5.0	< 5.0	0.18 J	1.5 J	4.8 J	< 100	150	42.0	14.0	14.0	18.0
	2004 02 (Summer)		0.41 J	2.0	34.0	< 1.0	< 1.0	0.26 J	0.086 J	0.79 J	< 1.0	22.0	< 0.20	< 5.0	0.53 J	0.91 J	< 1.0	< 1.0	1.5	6.4	< 50.0	< 100	13.0	4.5	7.9	14.0
	2003 04 (Winter)		< 5.0	< 50.0	81.3 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	77.4	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	< 100	30.0 J	12.4	13.3	17.2
	2003 02 (Summer)		< 50.0	< 50.0	64.9 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	64.3	< 0.40 UJ	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	< 100	22.3	9.6	10.0 J	16.8
	2002 04 (Winter)		< 50.0	< 5.0	83.0	< 2.0	< 5.0	< 10.0	0.15 J	3.1 J	< 3.0	54.0	< 0.20	< 20.0	2.0 J	< 5.0	< 5.5	< 2.0	3.4 J	8.0 J	< 100	< 160	23.0	9.6	13.0	18.0
	2002 02 (Summer)		0.26 J	1.6 J	53.0	< 2.0	< 5.0	0.40 J	0.082 J	0.53 J	0.039 J	44.0	< 0.20	< 20.0	0.57 J	< 5.0	< 5.0	< 2.0	1.7 J	1.3 J	< 100	37.0 J	17.0	6.3	10.0	17.0

Table 16-5

Groundwater Sample Analytical Results at IR Site 16: Polychlorinated Biphenyls

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

Innovative
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Table 16-5
Groundwater Sample Analytical Results at IR Site 16: Polychlorinated Biphenyls
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Polychlorinated Biphenyls (PCBs)						
			Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	0.50	0.50	0.50	0.50	0.50	0.50	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA
FWBZ	608MJ-MW2	2004 04 (Winter)	< 0.48	< 0.95	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48
FWBZ	F16SS-MW06	2004 04 (Winter)	< 0.48	< 0.95	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48
FWBZ	MW16-05	2004 04 (Winter)	< 0.50	< 0.99	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
FWBZ	MW16-06	2004 04 (Winter)	< 0.49	< 0.97	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49
FWBZ	MWC2-1	2004 04 (Winter)	< 0.47	< 0.94	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47
FWBZ	MWC2-2	2004 04 (Winter)	< 0.48	< 0.95	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48
FWBZ	MWC2-3	2004 04 (Winter)	< 0.49	< 0.97	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49

Table 16-6

Groundwater Sample Analytical Results at IR Site 16: Organochlorine Pesticides

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

Innovative
Technical
Solutions, Inc.

Table 16-6
Groundwater Sample Analytical Results at IR Site 16: Organochlorine Pesticides
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Organochlorine Pesticides																				
			Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan Sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	0.20	0.10	0.10	NA	NA	NA	NA	NA	NA	NA	2.0	2.0	2.0	0.010	0.010	30.0	3.0
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
608MJ-MW2	2004 04 (Winter)		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
	2004 02 (Summer)		< 0.050	< 0.050	**0.040 J**	< 0.050	< 0.050	**0.040 J**	**0.020 J**	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	**0.020 J**	< 0.50	< 1.0
	2004 01 (Spring)		< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	**0.023 J**	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48	< 4.8
	2003 04 (Winter)		< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	**0.014 J**	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.49	< 4.9
	2003 03 (Fall)		< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	**0.042 J**	**0.013 J**	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	**0.041 J**	< 0.48	< 4.8
	2003 02 (Summer)		< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	**0.013 J**	< 0.48 UJ	< 4.8 UJ
	2003 01 (Spring)		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	**0.020 J**	**0.010 J**	< 0.10	< 0.10	< 0.10 UJ	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	**0.010 J**	< 0.50 UJ	< 1.0
	2002 04 (Winter)		< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48 UJ	< 0.95
	2002 03 (Fall)		< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47 UJ	< 0.94 UJ
	2002 02 (Summer)		< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	**0.027 J**	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	**0.013 J**	< 0.48	< 0.95
F16SS-MW06	2004 04 (Winter)		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	**0.0070 J**	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
	2004 02 (Summer)		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	**0.0090 J**	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	**0.010 J**	< 0.50	< 1.0
FWBZ MW16-05	2004 04 (Winter)		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
	2004 02 (Summer)		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
MW16-06	2004 04 (Winter)		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
	2004 02 (Summer)		< 0.050	< 0.050	**0.080 J**	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
MWC2-3	2004 04 (Winter)		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
	2004 02 (Summer)		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.050	< 0.50	< 1.0
	2004 01 (Spring)		< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47	< 4.7
	2003 04 (Winter)		< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48	< 4.8
	2003 03 (Fall)		< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48	< 4.8
	2003 02 (Summer)		< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48 UJ	< 4.8 UJ
	2003 01 (Spring)		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.050	< 0.050	< 0.50 UJ	< 0.90
	2002 04 (Winter)		< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.48 UJ	< 0.95
	2002 03 (Fall)		< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.47 UJ	< 0.94
	2002 02 (Summer)		< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.090	< 0.090	< 0.090	< 0.090	< 0.090	< 0.040	< 0.040	< 0.49	< 0.97

Table 16-7
Groundwater Sampling Field Parameters at Installation Restoration Site 16
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	MW16-05	11/11/04	8.2	0.58	220
		07/08/04	8.01	0.83	-56
First	MW16-06	11/10/04	8.15	1.1	193
		07/08/04	8.11	0.38	-132
First	608MJ-MW2	11/11/04	6.8	3.08	223
		07/07/04	7.13	4.80	174
		03/03/04	7.52	0.48	188
		12/04/03	7.72	0.44	97
		09/18/03	7.60	0.45	80
		07/02/03	7.55	0.25	103
		04/11/03	7.17	0.18	1.34
		12/24/02	7.43	1.51	-18
		09/04/02	7.68	1.77	28
		06/17/02	7.68	0.36	125.9
First	F16SS-MW06	11/10/04	7.81	0.55	190
		07/08/04	7.64	0.80	-32
First	MWC2-1	11/10/04	7.61	6.47	235
		07/07/04	7.92	6.19	34
		03/03/04	8.21	0.50	358
		12/04/03	8.07	0.30	79
		09/18/03	8.19	0.31	113
		07/03/03	8.28	0.25	134
		04/11/03	8.25	0.26	198
		12/24/02	7.58	1.17	80
		09/04/02	8.07	NM	NM
		06/17/02	8.23	0.36	184.1
First	MWC2-2	11/11/04	7.1	8.64	189
		07/07/04	7.04	***20.94***	-106
		03/03/04	7.25	***19.80***	316
		12/04/03	7.24	0.20	112
		09/19/03	7.24	0.58	194
		07/02/03	7.20	2.30	190
		04/10/03	7.49	1.87	98
		12/26/02	7.55	1.09	118
		09/04/02	7.07	***11.50***	***895***
		06/17/02	7.28	***11.00***	0
First	MWC2-3	11/10/04	7.36	0.17	195
		07/07/04	6.98	3.70	190
		03/03/04	7.18	1.85	222
		12/05/03	7.45	0.61	109
		09/18/03	7.50	0.30	114
		07/02/03	7.52	0.36	188
		04/11/03	7.42	0.76	183
		12/24/02	7.25	0.41	171
		09/04/02	7.56	0.17	17.1
		06/17/02	7.60	***10.64***	177

Table 16-7
Groundwater Sampling Field Parameters at Installation Restoration Site 16
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)

Notes:

Field parameters are measured during well purging, just prior to collection of the groundwater sample.

mg/L = milligrams per liter

ORP = oxidation-reduction potential

mV = millivolts

NM = not measured

Italicized results are outside expected range for parameter. Natural groundwater has the following expected ranges:

pH: between 6 and 8.5 standard units

DO: below approximately 9 mg/L

ORP: between approximately 600 and -400 mV

Table 16-8

Groundwater Sample Analytical Results at IR Site 16: Natural Attenuation Parameters

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

Innovative Technical Solutions, Inc.

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Groundwater Sample Analytical Results at IR Site 16: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	608MJ-MW2	2004 04 (Winter)	< 0.0050	< 0.0050	0.0030 J	0.34	< 0.050	6.2	26.0	59.0	59.0	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	0.046	0.32	< 0.050	7.4	32.0	150	150	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.020	< 0.10	< 0.10	9.3	15.0	129	129	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.057	< 0.10	< 0.10	10.1	16.0	132	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	< 0.010	0.66 J	< 0.050	12.0	200	270	270	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	0.042	< 0.050	< 0.050	6.7	12.0	110	110	< 1.0	< 1.0	< 0.040
	F16SS-MW06	2004 04 (Winter)	< 0.0050	< 0.0050	0.077	0.14	< 0.050	11.0	20.0	96.0	96.0	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	0.084	0.15	< 0.050	8.6	19.0	120	120	< 1.0	< 1.0	< 0.040
	MW16-05	2004 04 (Winter)	< 0.0050	< 0.0050	0.31	0.030 J	< 0.050	380	83.0	300	300	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	0.011	0.19	< 0.050	230	58.0	340	320	12.0	< 1.0	< 0.040
	MW16-06	2004 04 (Winter)	< 0.0050	< 0.0050	0.12	0.14	< 0.050	16.0	76.0	320	320	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	0.14	0.54	< 0.050	21.0	64.0	260	260	< 1.0	< 1.0	< 0.040
	MWC2-1	2004 04 (Winter)	< 0.0050	< 0.0050	0.0080	1.1	< 0.050	8.0	51.0	120	120	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	0.015	0.41	< 0.050	15.0	74.0	220	220	< 1.0	< 1.0	0.14
		2003 04 (Winter)	< 0.0030	< 0.0030	0.013	0.25	< 0.10	11.8	19.3	167	167	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.034	0.12 J	< 0.10 UJ	37.4	13.2	248	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	< 0.010	0.33	< 0.050	11.0	86.0	120	120	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	0.038	< 0.050	< 0.050	150	12.0	330	330	< 1.0	< 1.0	< 0.040
	MWC2-2	2004 04 (Winter)	< 0.0050	< 0.0050	0.012	0.33	< 0.050	36.0	470	210	210	< 1.0	< 1.0	0.97
		2004 02 (Summer)	< 0.010	< 0.010	< 0.010	1.5	0.080	35.0	520	230	230	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.0029 J	< 0.10	< 0.10	30.7	705	183	183	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.0022 J	1.8	< 1.0	75.0	519	234	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	0.014	0.12	< 0.050	86.0	350	270	270	< 1.0	< 1.0	< 0.040

Ta[illegible]16-8

Groundwater Sample Analytical Results at IR Site 16: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	MWC2-2	2002 02 (Summer)	< 0.010	< 0.010	< 0.010	0.54	< 0.050	68.0	230	220	220	< 1.0	< 1.0	< 0.040
FWBZ	MWC2-3	2004 04 (Winter)	< 0.0050	< 0.0050	0.0070	2.9	0.030 J	11.0	52.0	110	110	< 1.0	< 1.0	< 0.040
FWBZ	MWC2-3	2004 02 (Summer)	< 0.010	< 0.010	< 0.010	0.10	< 0.050	6.0	26.0	64.0	64.0	< 1.0	< 1.0	< 0.040
FWBZ	MWC2-3	2003 04 (Winter)	< 0.0030	< 0.0030	0.0036	3.6	< 0.20	10.9	57.5	92.2	92.2	< 5.0	-	< 1.0
FWBZ	MWC2-3	2003 02 (Summer)	< 0.0030	< 0.0030	0.0036	0.17	< 0.10	11.6	51.2	72.1	-	-	-	< 1.0
FWBZ	MWC2-3	2002 04 (Winter)	< 0.010	< 0.010	< 0.010	4.0 J	0.40 J	9.2	59.0	110	110	< 1.0	< 1.0	< 0.040
FWBZ	MWC2-3	2002 02 (Summer)	< 0.010	< 0.010	< 0.010	0.12	< 0.050	6.6	44.0	62.0	62.0	< 1.0	< 1.0	< 0.040

Table 16-9
Groundwater Sample Analytical Results at IR Site 16: 1,4-Dioxane
Fall/Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			1,4-Dioxane
		Units:	UG/L
		MCL:	NA
		BV:	NA
	Well Number	**Event** *AWQC:*	NA
FWBZ	08MJ-MW2	2004 04 (Winter)	<0.8 UJ
	F16S-MW06	2004 04 (Winter)	<0.9
	MW1605	2004 04 (Winter)	<0.9 UJ
	MW1606	2004 04 (Winter)	<0.8
	MWC2-1	2004 04 (Winter)	**4.1 J**
	MWC2-2	2004 04 (Winter)	<0.9 UJ
	MWC2-3	2004 04 (Winter)	<0.9

General Table Footnotes
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Acronyms and abbreviations
AWQC: Saltwater Ambient Water Quality Criteria, (U.S. EPA, 2002)
BV: Background value (Tetra Tech Environmental Management, Inc., November, 2001)
FWBZ: First Water-Bearing Zone
IR Site: Installation Restoration Site
MCL: California maximum contaminant level (U.S. EPA and California Department of Health Services, June 2003)
MTBE: Methyl tert-butyl ether
NA: Not available (applicable to regulatory limits or background values)
PAH: Polycyclic Aromatic Hydrocarbons
PCE: Tetrachloroethene
Ra: Radium
SO_4: Sulfate
Sr: Strontium
SVOC: Semivolatile Organic Compounds
SWBZ: Second Water-Bearing Zone
TCE: Trichloroethene
TDS: Total Dissolved Solids
TPH: Total Petroleum Hydrocarbons
VOC: Volatile Organic Compounds
-: compound not analyzed

Units
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: pico curies per liter
PPBV: parts per billion by volume

Validation Qualifiers
J: Estimated value.
U: Not detected at or above the indicated reporting limit.
UJ: Not detected at or above the indicated reporting limit. The reporting limit is an estimate.
R: The analyte is rejected due to deficiencies in the ability to analyze the sample and meet QC criteria.
UR: The analyte was not detected. The analyte is rejected due to deficiencies in the ability to analyze the sample and meet QC criteria.

Notes
Detected values are bolded.
Detected values greater than the MCL are shown in yellow highlighting
Detected values greater than the BV are shown in blue highlighting
Detected values greater than the both the BV and the MCL are shown in pink highlighting
Total TPH (calculated) is the sum of all reported TPH results. Where all TPH results are less than reporting limits, the Total TPH value is represented by the highest reporting limit.

Figures

Site 16
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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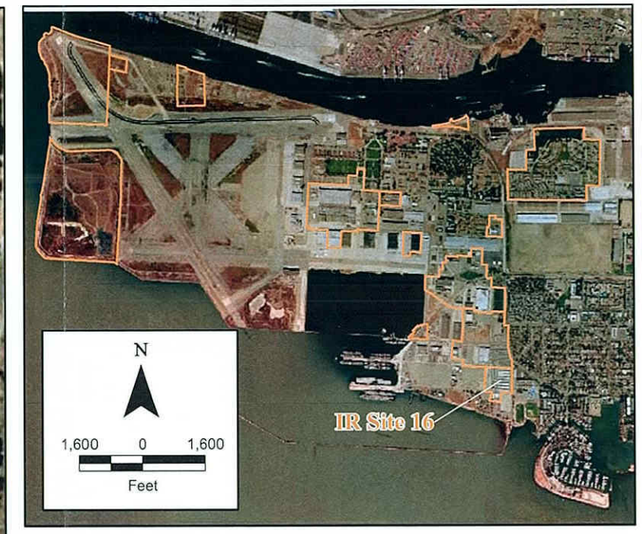

Legend

- First Water Bearing Zone (FWBZ) Wells
- IR Site Boundary
- Facility

N

200 0 200

Feet

2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Site 16\IR Site 16 Location Map_NAD83.mxd

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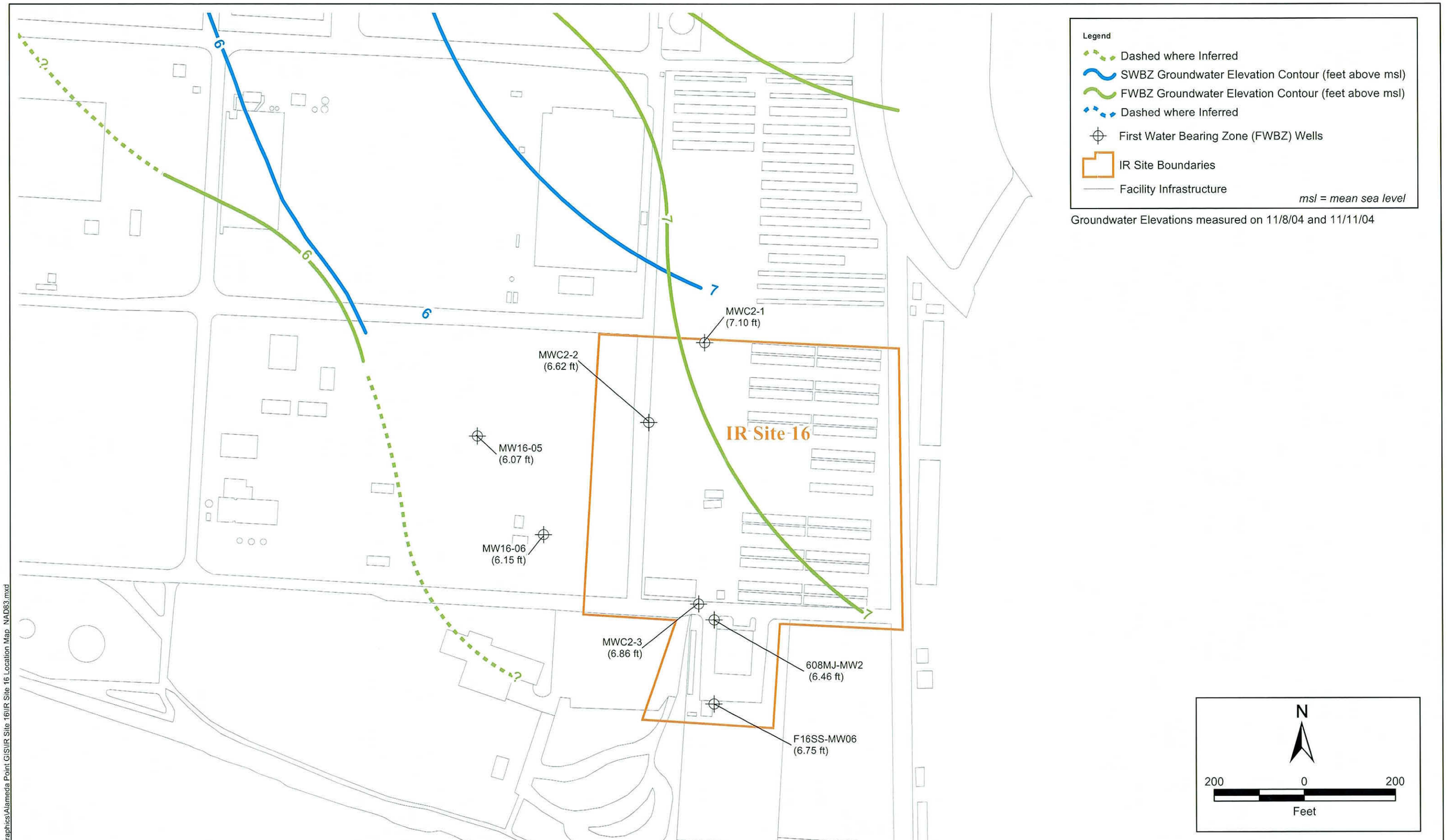
SAN DIEGO, CALIFORNIA
ALAMEDA POINT, ALAMEDA, CALIFORNIA

FIGURE 16-1
IR SITE 16
SITE AND WELL LOCATION MAP



2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Site 16\IR Site 16 Location Map_NAD83.mxd

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FIGURE 16-2
IR SITE 16
GROUNDWATER ELEVATION MAP
FALL/WINTER 2004

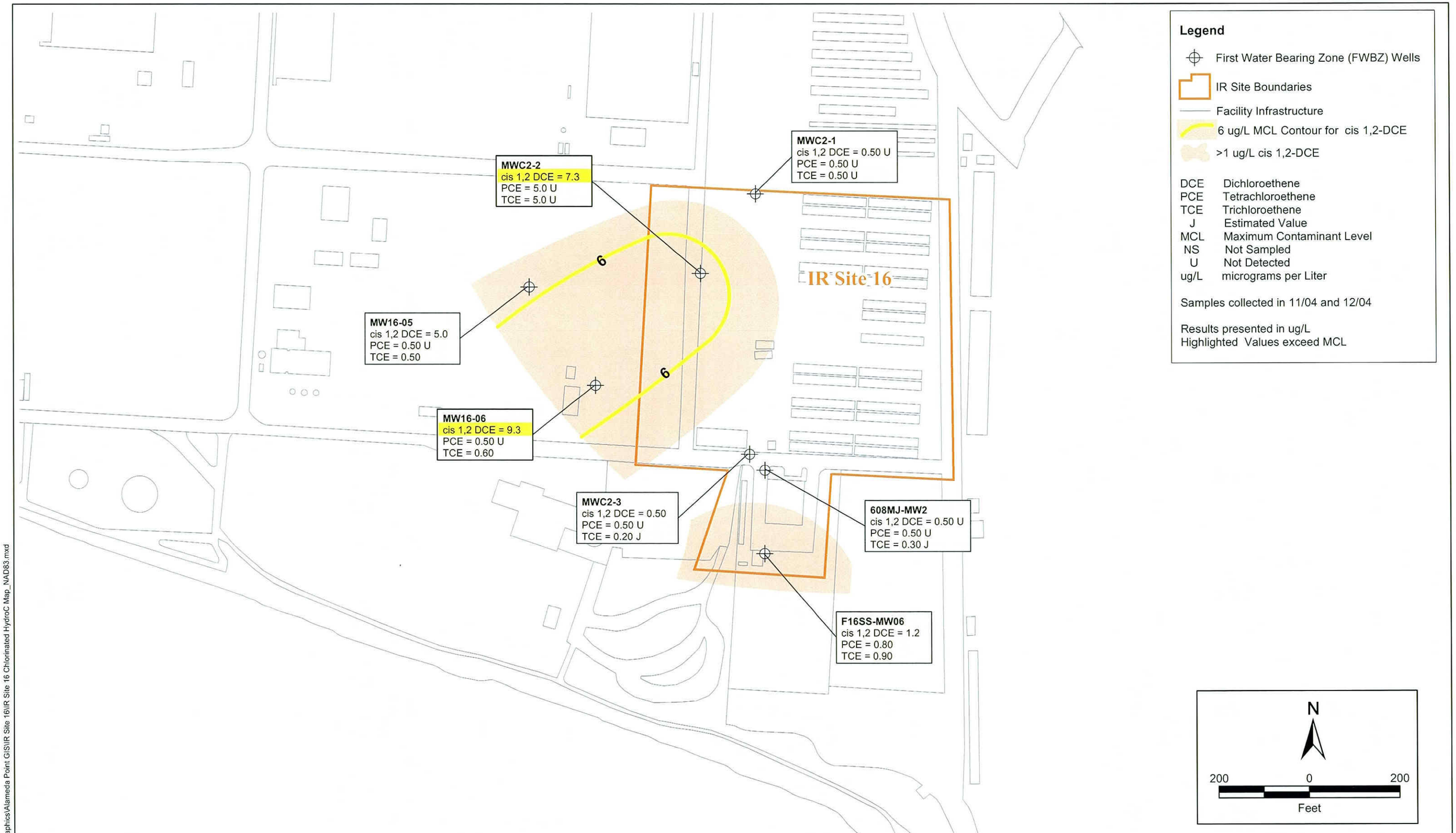

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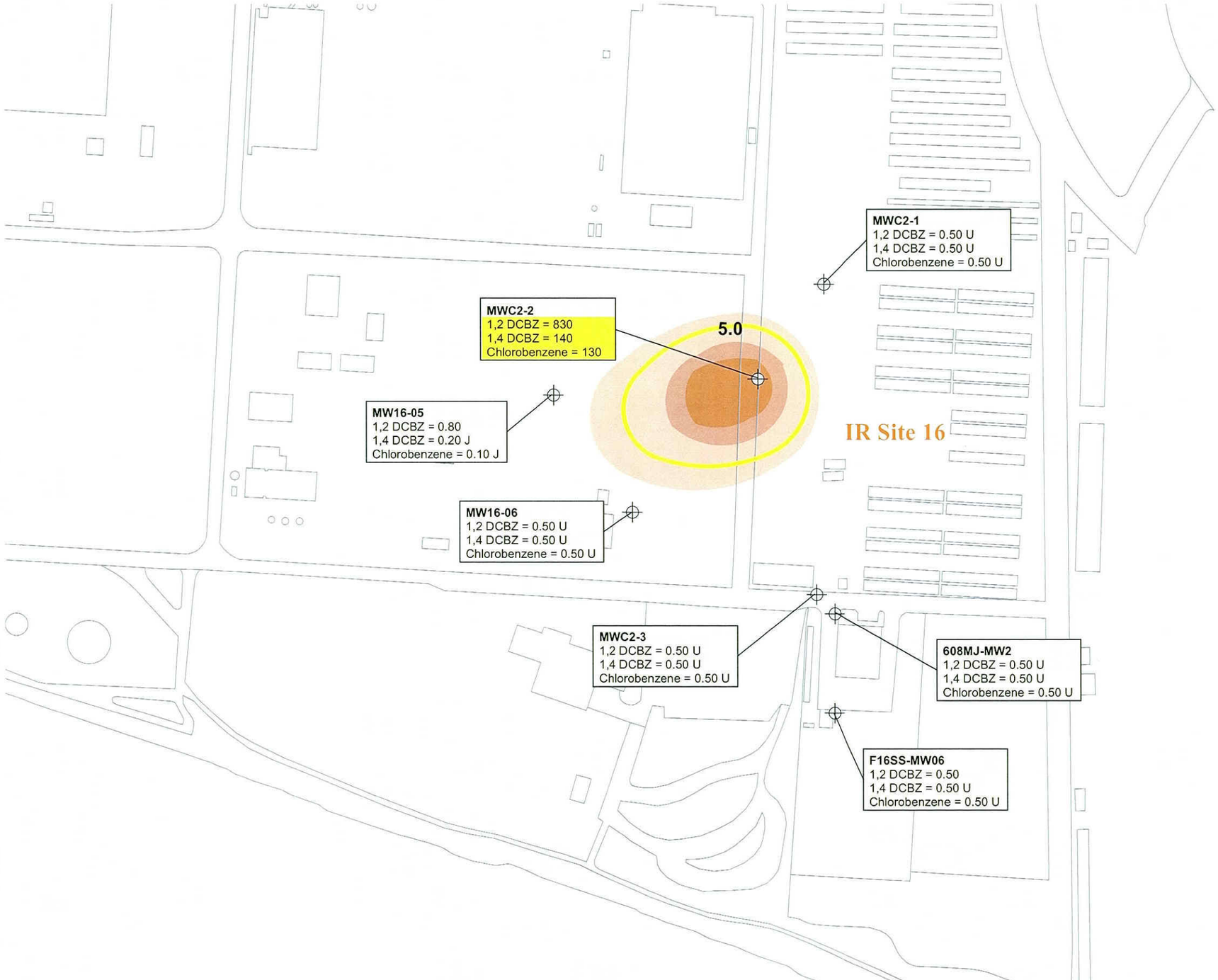
FIGURE 16-3
IR SITE 16
GROUNDWATER DISTRIBUTION OF SELECTED
CHLORINATED HYDROCARBONS ABOVE CRITERIA
FALL/WINTER 2004

2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Site 16\IR Site 16 Chlorinated HydroC Map_NAD83.mxd



Legend

- First Water Bearing Zone (FWBZ) Wells
- IR Site Boundaries
- Facility Infrastructure
- 5.0 ug/L MCL Contour for 1,4-DCBZ
- 1-10 ug/L 1,4-DCBZ
- 10-100 ug/L 1,4-DCBZ
- >100 ug/L 1,4-DCBZ

DCBZ Dichlorobenzene
J Estimated Value
MCL Maximum Contaminant Level
NS Not Sampled
U Not Detected
ug/L micrograms per Liter

Samples collected in 11/04 and 12/04

Results presented in ug/L
Highlighted Values exceed MCL

N

200 0 200
Feet

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SAN DIEGO, CALIFORNIA
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FIGURE 16-4
IR SITE 16
GROUNDWATER DISTRIBUTION OF SELECTED
AROMATIC HYDROCARBONS ABOVE CRITERIA
FALL/WINTER 2004

2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Site 16\IR Site 16 Chlorinated HydroC Map NAD83.mxd

Appendix A -
Analytical Data with Data Qualifiers and Reason Code Definitions

Site 16
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

Innovative Technical Solutions, Inc.

N00236.003004
ALAMEDA POINT
SSIC NO. 5090.3.A.

ANALYTICAL DATA

THIS RECORD CONTAINS LARGE VOLUMES OF DATA AND IS NOT REQUIRED TO BE PHYSICALLY LOCATED WITH THE ADMINISTRATIVE RECORD DOCUMENT.

DUE TO EXTENSIVE VOLUME, THIS DATA WILL NOT BE IMAGED.

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Site 25 Group

Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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Tables

Site 25 Group
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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Table 25-1
Groundwater Monitoring Summary, IR Site 25 Group - Fall/Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

				Organic Compounds		Inorganic Compounds	Natural Attenuation Parameters					Soil Gas	
WATER-BEARING ZONE	SAMPLE LOCATION	GEOLOGICAL UNIT	SCREEN INTERVAL (FT. BGS)	VOCs (EPA 8260B)	Polycyclic Aromatic Hydrocarbons (EPA 8310)	Dissolved Metals (EPA 6010B/ 6020A/7470A)	Methane, Ethane, Ethene (RSK SOP 175)	Nitrate, Nitrite, Chloride, Sulfate (EPA9056/300.0)	Alkalinity (EPA 310.1)	Sulfide (EPA 376.2)	Ferrous Iron (Hach 8146)	VOCs (TO15)	Fixed Gases (ASTM D1946)
Groundwater Monitoring Program Wells													
First	M25-01	Fill-BSU	10 - 20	X	X	X	X	X	X	X	X		
	M25-02	Fill-BSU	10 - 20	X	X	X	X	X	X	X	X		
	M25-04	Fill-BSU	10 - 20	X	X	X	X	X	X	X	X		
	M25-05	Fill-BSU	9 - 19	X	X	X	X	X	X	X	X		
	M25-06	Fill-BSU	10 - 19.5	X	X								
	M25-07	Fill-BSU	10 - 19.5	X	X								
	M25-08	Fill-BSU	10 - 19.5	X	X								
	M25-09	Fill-BSU	10 - 19.5	X	X	X	X	X	X	X	X		
	P181-MW45	Fill	16 - 18.5	X	X	X	X	X	X	X	X		
	P181-MW46	Fill	9 - 19	X	X	X	X	X	X	X	X		
	P181-MW47	Fill	13.5 - 18.5	X	X	X	X	X	X	X	X		
	PW-12	Fill	12 - 17	X	X	X	X	X	X	X	X		
	S-16-R	Fill	9 - 19	X	X	X	X	X	X	X	X		
	S-35R	Fill	10 - 19.5	X	X	X	X	X	X	X	X		
Second	D-02	BSU	95 - 105	X	X	X	X	X	X	X	X		
Vadose	OU5-SG-16-S	Fill	3 - 3.5									X	X
	OU5-SG-16-D	Fill	4.5 - 6									X	X
	OU5-SG-17-S	Fill	1 - 2.5									X	X
	OU5-SG-17-D	Fill	3.5 - 5									X	X
	OU5-SG-18-S	Fill	2 - 4									X	X
	OU5-SG-18-D	Fill	5 - 7									X	X
	OU5-SG-19-S	Fill	1.5 - 3.5									X	X

Table 25-1
Groundwater Monitoring Summary, IR Site 25 Group - Fall/Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

				Organic Compounds		Inorganic Compounds	Natural Attenuation Parameters					Soil Gas	
WATER-BEARING ZONE	SAMPLE LOCATION	GEOLOGICAL UNIT	SCREEN INTERVAL (FT. BGS)	VOCs (EPA 8260B)	Polycyclic Aromatic Hydrocarbons (EPA 8310)	Dissolved Metals (EPA 6010B/ 6020A/7470A)	Methane, Ethane, Ethene (RSK SOP 175)	Nitrate, Nitrite, Chloride, Sulfate (EPA9056/300.0)	Alkalinity (EPA 310.1)	Sulfide (EPA 376.2)	Ferrous Iron (Hach 8146)	VOCs (TO15)	Fixed Gases (ASTM D1946)
Vadose	OU5-SG-19-D	Fill	4.5 - 6.5									X	X
	OU5-SG-20-S	Fill	2 - 4									X	X
	OU5-SG-20-D	Fill	6 - 8									X	X
Non-Program Wells, Water Level Only													
First	PW-10A	Fill	12 - 17	-	-	-	-	-	-	-	-	-	-

Notes:

X Well sampled for this parameter during Fall/Winter 2004 event.

\- Well not in analytical program.

Fill - Artificial Fill
BSU - Bay Sediment Unit
USA - Upper San Antonio Formation
Merritt - Merritt Sand

FT. BGS - Feet below ground surface
VOCs - Volatile Organic Compounds
(8260B) - U.S. Environmental Protection Agency analytical method
RSK 175 - R.S. Kerr Laboratory Standard Operating Procedure 175
ASTM - American Society for Testing and Materials

Table 25-2
Summary of Groundwater Level Measurements at Installation Restoration Site 25 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M25-01	11.9	11.80 *	11/9/2004	8.15	3.65
		11.9	11.80 *	6/15/2004	8.79	3.01
		11.9	11.80 *	3/1/2004	8.31	3.49
		11.9	11.80 *	12/3/2003	8.30	3.50
		11.9	11.80 *	9/16/2003	8.71	3.09
		11.9	11.80 *	6/24/2003	6.70	5.10
		11.9	11.80 *	4/8/2003	6.23	5.57
		11.9	11.80 *	12/12/2002	6.74	5.06
		11.9	11.80 *	9/10/2002	7.85	3.95
First	M25-02	10.2	9.71 *	11/9/2004	5.22	4.49
		10.2	9.71 *	6/15/2004	5.19	4.52
		10.2	9.71 *	3/1/2004	3.14	6.57
		10.2	9.71 *	12/3/2003	5.36	4.35
		10.2	9.71 *	9/16/2003	4.92	4.79
		10.2	9.71 *	6/24/2003	5.31	4.40
		10.2	9.71 *	4/8/2003	5.68	4.03
		10.2	9.71 *	12/12/2002	5.80	3.91
		10.2	9.71 *	9/10/2002	5.40	4.31
First	M25-03 ‡	11.1	10.75 *	11/9/2004	NM	NC
		11.1	10.75 *	6/15/2004	2.95	7.80
		11.1	10.75 *	3/2/2004	1.59	9.16
		11.1	10.75 *	12/3/2003	3.28	7.47
		11.1	10.75 *	9/16/2003	5.68	5.07
		11.1	10.75 *	6/24/2003	6.74	4.01
		11.1	10.75 *	4/8/2003	7.89	2.86
		11.1	10.75 *	12/12/2002	5.19	5.56
		11.1	10.75 *	9/10/2002	5.38	5.37
First	M25-04	13.8	13.35 *	11/9/2004	5.44	7.91
		13.8	13.35 *	6/15/2004	5.76	7.59
		13.8	13.35 *	3/1/2004	3.10	10.25
		13.8	13.35 *	12/3/2003	5.19	8.16
		13.8	13.35 *	9/16/2003	5.65	7.70
		13.8	13.35 *	6/24/2003	5.81	7.54
		13.8	13.35 *	4/8/2003	4.88	8.47
		13.8	13.35 *	12/12/2002	5.22	8.13
		13.8	13.35 *	9/10/2002	5.25	8.10
First	M25-05	15.3	15.07 *	11/9/2004	11.31	3.76
		15.3	15.07 *	6/15/2004	12.34	2.73
		15.3	15.07 *	3/1/2004	8.30	6.77
		15.3	15.07 *	12/3/2003	10.63	4.44
		15.3	15.07 *	9/16/2003	11.31	3.76
		15.3	15.07 *	6/24/2003	10.71	4.36
		15.3	15.07 *	4/8/2003	8.88	6.19
		15.3	15.07 *	12/12/2002	9.44	5.63
		15.3	15.07 *	9/10/2002	9.55	5.52
First	M25-06	10.25	10.25	11/9/2004	10.07	0.18
		10.25	10.25	6/15/2004	10.05	0.20
First	M25-07	9.73	9.73	11/9/2004	10.98	-1.25

Table 25-2
Summary of Groundwater Level Measurements at Installation Restoration Site 25 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	M25-07	9.73	9.73	6/15/2004	5.39	4.34
First	M25-08	8.15	8.15	11/9/2004	3.16	4.99
		8.15	8.15	6/15/2004	5.94	2.21
First	M25-09	13.20	13.20	11/9/2004	9.32	3.88
		13.20	13.20	6/15/2004	6.14	7.06
First	P181-MW45	9.8	9.20 *	11/9/2004	4.62	4.58
		9.8	9.20 *	6/15/2004	4.56	4.64
		9.8	9.20 *	3/1/2004	2.24	6.96
		9.8	9.20 *	12/3/2003	3.79	5.41
		9.8	9.20 *	9/16/2003	4.81	4.39
		9.8	9.20 *	6/24/2003	4.38	4.82
		9.8	9.20 *	4/8/2003	4.27	4.93
		9.8	9.20 *	12/11/2002	3.98	5.22
		9.8	9.20 *	9/10/2002	3.97	5.23
		9.8	9.20 *	6/24/2002	4.20	5.00
First	P181-MW46	10.5	10.27 *	11/9/2004	5.22	5.05
		10.5	10.27 *	6/15/2004	5.64	4.63
		10.5	10.27 *	3/1/2004	3.38	6.89
		10.5	10.27 *	12/3/2003	5.50	4.77
		10.5	10.27 *	9/16/2003	5.48	4.79
		10.5	10.27 *	6/24/2003	5.70	4.57
		10.5	10.27 *	4/8/2003	6.24	4.03
		10.5	10.27 *	12/11/2002	6.45	3.82
		10.5	10.27 *	9/10/2002	5.44	4.83
		10.5	10.27 *	6/24/2002	5.35	4.92
First	P181-MW47	12.6	12.35 *	11/9/2004	7.76	4.59
		12.6	12.35 *	6/15/2004	7.94	4.41
		12.6	12.35 *	3/1/2004	5.41	6.94
		12.6	12.35 *	12/3/2003	8.54	3.81
		12.6	12.35 *	9/16/2003	8.40	3.95
		12.6	12.35 *	6/24/2003	8.12	4.23
		12.6	12.35 *	4/8/2003	7.39	4.96
		12.6	12.35 *	12/11/2002	8.85	3.50
		12.6	12.35 *	9/10/2002	7.56	4.79
		12.6	12.35 *	6/24/2002	7.56	4.79
First	PW-10A ‡	14.4	12.13	11/9/2004	8.85	3.28
		14.4	12.13	6/15/2004	8.85	3.28
		14.4	12.13	3/1/2004	7.14	4.99
		14.4	12.13	12/3/2003	8.58	3.55
First	PW-12	13.3	15.40 *	11/9/2004	10.75	4.65
		13.3	15.40 *	6/15/2004	10.01	5.39
		13.3	15.40 *	3/1/2004	7.76	7.64
		13.3	15.40 *	12/3/2003	9.85	5.55
		13.3	15.40 *	9/16/2003	10.23	5.17
		13.3	15.40 *	6/24/2003	9.98	5.42
		13.3	15.40 *	4/8/2003	10.56	4.84
		13.3	15.40 *	12/11/2002	9.99	5.41
		13.3	15.40 *	9/10/2002	9.99	5.41

Table 25-2
Summary of Groundwater Level Measurements at Installation Restoration Site 25 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	PW-12	13.3	15.40 *	6/24/2002	9.90	5.50
First	S-16-R	14.03	14.03	11/9/2004	7.85	6.18
First	S16-2	14.3	14.03	11/9/2004	NM (Destroyed)	NC
		14.3	14.03	6/16/2004	8.1	5.93
		14.3	14.03	3/2/2004	9.38	4.65
		14.3	14.03	12/3/2003	8.19	5.84
First	S-35R	11.81	11.80 ***	11/9/2004	6.06	5.74
		11.81	11.80 ***	6/15/2004	6.29	5.51
First	S-35	13.3	13.01 *	11/9/2004	NM (Destroyed)	NC
		13.3	13.01 *	6/15/2004	7.49	5.52
		13.3	13.01 *	3/1/2004	4.93	8.08
		13.3	13.01 *	12/3/2003	7.84	5.17
		13.3	13.01 *	9/16/2003	7.81	5.20
		13.3	13.01 *	6/24/2003	7.55	5.46
		13.3	13.01 *	4/8/2003	7.35	5.66
		13.3	13.01 *	12/11/2002	7.73	5.28
		13.3	13.01 *	9/10/2002	7.76	5.25
		13.3	13.01 *	6/25/2002	4.60	8.41
Second	D-02	13.4	13.04	11/9/2004	6.52	6.52
		13.4	13.04	6/15/2004	6.31	6.73
		13.4	13.04	3/1/2004	6.31	6.73
		13.4	13.04	12/3/2003	6.89	6.15
		13.4	13.04	9/16/2003	7.55	5.49
		13.4	13.04	6/24/2003	8.19	4.85
		13.4	13.04	4/8/2003	8.25	4.79
		13.4	13.04	12/11/2002	7.87	5.17
		13.4	13.04	9/10/2002	7.53	5.51
		13.4	13.04	7/16/2002	7.54	5.50

Notes:
BTOC = below top of casing
BGS = below ground surface
msl = mean sea level
NA = Well not accessible
NC = Groundwater elevation not calculated
NF = Monitoring well not found
NM = Water level not measured

* = Surveyed to NGVD 29 by Calvada Surveying in September 2002. Subsequently converted to NAVD 88 by Shaw Environmental, Inc. using the Corpscon software.
** = Converted from Mean Lower Low Water to NAVD 88 by Shaw Environmental, Inc. using the Tidal Datum Epoch (1960-1978) at Tidal Bench Mark 9414750
*** = Surveyed with GPS
§ = Measured prior to purging well for sampling
† = Well under artesian conditions.
‡ = Well used only for water level measurements. Not scheduled for sampling in the monitoring program.

Table 25-3

Groundwater Sample Analytical Results at IR Site 25 Group: Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

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Table 25-3

Groundwater Sample Analytical Results at IR Site 25 Group: Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M25-01	2004 04 (Winter)		420	120	130	75.0	44.0	5,300	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0
	2004 02 (Summer)		440	130	140	78.0	42.0	6,000	< 31.0	< 31.0	< 31.0	< 31.0	< 31.0	< 31.0	< 31.0	< 31.0	17.0 J	< 31.0	< 31.0	< 31.0	< 31.0 J	< 31.0
	2004 01 (Spring)		650 J	200 J	170 J	130 J	74.0 J	6,100	< 50.0	< 10.0 UJ	< 10.0 UJ	< 10.0 UJ	< 10.0 UJ	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 5.0	< 10.0	< 5.0
	2003 04 (Winter)		400	150	180	130	81.0	4,900 J	< 120	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0	< 12.0	< 25.0	< 12.0
	2003 03 (Fall)		520	150	160	110	75.0	4,300	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 02 (Summer)		330 J	120 J	140 J	26.0 J	64.0 J	4,200 J	< 5.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 01 (Spring)		460	140	130	96.0	49.0	4,600 J	< 13.0	< 13.0	< 13.0	< 13.0	< 13.0	13.0	< 13.0 UJ	< 13.0	< 13.0	< 13.0	< 13.0	< 13.0	< 13.0	< 13.0
	2002 04 (Winter)		190	84.0	130	87.0	59.0	5,000	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1
	2002 03 (Fall)		510	150	120	99.0	64.0	3,200	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3
M25-02	2004 04 (Winter)		0.20 J	0.20 J	< 0.50	< 0.50	< 0.50	0.70 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2004 02 (Summer)		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2004 01 (Spring)		< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	0.74 J	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 04 (Winter)		< 0.50	0.26 J	0.28 J	< 1.0	0.22 J	3.4	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 03 (Fall)		< 0.50	0.23 J	< 1.0	< 1.0	< 1.0	2.1	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 02 (Summer)		< 0.50	< 1.0	< 1.0	< 1.0	0.24 J	4.5	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 01 (Spring)		0.10 J	0.10 J	0.10 J	0.20 J	0.40 J	0.90 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2002 04 (Winter)		< 0.50 J	< 0.50	< 0.50 J	< 0.50	0.30 J	3.5	< 0.50	0.80	8.6	< 0.50 J	1.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2002 03 (Fall)		< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 140	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0	< 36.0
FWBZ M25-04	2004 04 (Winter)		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2004 02 (Summer)		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2004 01 (Spring)		< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 04 (Winter)		< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 03 (Fall)		< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 02 (Summer)		< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 01 (Spring)		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2002 04 (Winter)		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2002 03 (Fall)		0.10 J	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
M25-05	2004 04 (Winter)		160	49.0	66.0	32.0	26.0	1,500	< 8.3	< 8.3	< 8.3	< 8.3	< 8.3	< 8.3	< 8.3	< 8.3	< 8.3	< 8.3	< 8.3	< 8.3	< 8.3	< 8.3
	2004 02 (Summer)		160	50.0	76.0	37.0	29.0	1,800	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0 J	< 10.0
	2004 01 (Spring)		140	54.0	92.0	54.0	42.0	2,000	< 25.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.5	< 5.0	< 2.5
	2003 04 (Winter)		200 J	79.0 J	120 J	92.0 J	61.0 J	2,200	< 5.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 03 (Fall)		190	58.0	77.0	53.0	39.0	2,600	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 02 (Summer)		180	71.0	98.0	31.0	46.0 J	2,000	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 01 (Spring)		140 J	70.0 J	92.0 J	67.0 J	44.0 J	1,800 J	< 7.1 UJ	< 7.1 UJ	< 7.1 UJ	< 7.1 UJ	< 7.1 UJ	< 7.1 UJ	3.6 J	< 7.1 UJ	< 7.1 UJ	< 7.1 UJ	< 7.1 UJ	< 7.1 UJ	< 7.1 UJ	< 7.1 UJ
	2002 04 (Winter)		170	58.0	56.0	43.0	22.0	2,500	< 5.0 UJ	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	2002 03 (Fall)		150	72.0	78.0	51.0	36.0	1,500	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
M25-06	2004 04 (Winter)		7.4	0.70 J	1.5 J	0.70 J	0.60 J	31.0	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
	2004 02 (Summer)		3.8	0.40 J	1.1	0.60	0.50 J	42.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50

Table 25-3
Groundwater Sample Analytical Results at IR Site 25 Group: Volatile Organic Compounds
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M25-07	2004 04 (Winter)	0.40 J	< 0.70	< 0.70	< 0.70	< 0.70	< 2.9	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70
		2004 02 (Summer)	2.4	< 1.0	0.50 J	< 1.0	< 1.0	5.4	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0
	M25-08	2004 04 (Winter)	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 5.0	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
		2004 02 (Summer)	< 1.0	< 0.50	< 1.0	< 1.0	< 1.0	< 4.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50
	M25-09	2004 04 (Winter)	< 0.50	0.10 J	0.90	0.40 J	0.40 J	18.0	3.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	12.0	1.3	5.8	2.8	2.6	230	3.2	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	1.4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3 J	< 1.3
	P181-MW45	2004 04 (Winter)	130	29.0	92.0	49.0	44.0	2,200	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
		2004 02 (Summer)	120	36.0	99.0	55.0	41.0	2,000	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3 J	< 6.3
		2004 01 (Spring)	77.0	22.0	56.0	33.0	28.0	1,400	< 50.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 5.0	< 10.0	< 5.0
		2003 04 (Winter)	160 J	44.0 J	120 J	87.0 J	64.0 J	3,000 J	< 5.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	120	25.0	83.0	39.0	34.0	1,200	< 5.0	< 1.0	0.58 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	140 J	40.0 J	92.0 J	28.0 J	44.0 J	1,900 J	< 5.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	150	47.0	110	67.0	52.0	2,300	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3
		2002 04 (Winter)	150	54.0	110	71.0	54.0	2,300 J	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3 UJ	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
		2002 03 (Fall)	140	40.0	80.0	48.0	38.0	1,000	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	150	47.0	77.0	57.0	40.0	2,400	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
	P181-MW46	2004 04 (Winter)	22.0 J	7.2 J	92.0 J	35.0 J	33.0 J	270 J	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
		2004 02 (Summer)	29.0	8.5	75.0	31.0	29.0	390	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	1.2 J	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
		2004 01 (Spring)	26.0	14.0	96.0	36.0	35.0	540	0.30 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	26.0 J	8.4 J	96.0 J	42.0 J	39.0 J	710 J	0.62 J	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	25.0	11.0	61.0 J	32.0	33.0	380	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	18.0 J	6.9 J	82.0 J	16.0 J	34.0 J	490 J	< 5.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	52.0	21.0	120	49.0	46.0	1,400	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2
		2002 04 (Winter)	120	68.0	220	87.0	79.0	2,600	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2 UJ	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2
		2002 03 (Fall)	64.0	33.0	120	49.0	45.0	1,200	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
		2002 02 (Summer)	49.0	23.0	63.0	26.0	25.0	1,100	4.8	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1
	P181-MW47	2004 04 (Winter)	720	47.0	39.0	33.0	21.0	2,700	< 17.0	< 17.0	< 17.0	< 17.0	< 17.0	< 17.0	< 17.0	< 17.0	< 17.0	< 17.0	< 17.0	< 17.0	< 17.0	< 17.0
		2004 02 (Summer)	390	16.0 J	23.0	19.0	15.0 J	2,200	< 17.0	< 17.0	< 17.0	< 17.0	< 17.0	< 17.0	< 17.0	< 17.0	< 17.0	< 17.0	< 17.0	< 17.0	< 17.0	< 17.0
		2003 04 (Winter)	570 J	27.0 J	30.0 J	36.0 J	26.0 J	3,100 J	< 5.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	480 J	32.0 J	30.0 J	17.0 J	24.0 J	1,900 J	< 5.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2002 04 (Winter)	480	39.0	32.0	35.0	24.0	2,200	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5 UJ	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
		2002 02 (Summer)	580	43.0	35.0	37.0	27.0	2,500	< 13.0	< 13.0	< 13.0	< 13.0	< 13.0	< 13.0	< 13.0	< 13.0	< 13.0	< 13.0	< 13.0	< 13.0	< 13.0	< 13.0
	PW-12	2004 04 (Winter)	0.70 J	< 1.0	4.8	2.4	3.3	7.8	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		2004 02 (Summer)	20.0	1.7	8.0	5.1	5.6	16.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	19.0	4.0	5.8	4.4	3.9	160	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	3.0	0.58 J	5.9	3.4	4.8	29.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	30.0	2.1	8.1	5.2	6.7	43.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	29.0 J	2.7 J	9.1 J	2.6 J	7.0 J	84.0 J	< 5.0	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50

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Table 25-3
Groundwater Sample Analytical Results at IR Site 25 Group: Volatile Organic Compounds
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
			Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	PW-12	2003 01 (Spring)	**6.1**	**0.80**	**5.8**	**3.4**	**3.7**	**27.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	**9.8**	**1.1**	**5.6**	**2.7**	**3.5**	**24.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	**20.0**	**1.7**	**4.3**	**2.5**	**2.7**	**38.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	**27.0**	**3.2**	**3.5**	**2.9**	**3.0**	**130**	**0.40 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	S-16-R	2004 04 (Winter)	**11.0**	**0.90**	**1.1**	**0.90**	**0.50**	**44.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	S-35R	2004 04 (Winter)	< 0.50	< 0.50	**0.10 J**	< 0.50	**0.20 J**	**1.2 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	**0.30 J**	< 0.50	< 0.50	< 0.50	< 0.50	**4.4**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 J	< 0.50
SWBZ	D-02	2004 04 (Winter)	< 0.50	**0.10 J**	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 02 (Summer)	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2004 01 (Spring)	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 04 (Winter)	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 03 (Fall)	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 02 (Summer)	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
		2003 01 (Spring)	< 0.50	**0.20 J**	< 0.50	< 0.50	< 0.50	< 2.0 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 04 (Winter)	< 0.50	**0.30 J**	< 0.50	< 0.50	< 0.50	**1.0 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 03 (Fall)	< 0.50	**0.60**	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
		2002 02 (Summer)	< 0.50	**1.0**	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Table 25-4

Groundwater Sample Analytical Results at IR Site 25 Group: Polycyclic Aromatic Hydrocarbons

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

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Table 25-4
Groundwater Sample Analytical Results at IR Site 25 Group: Polycyclic Aromatic Hydrocarbons
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			PAHs															
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	S-16	2002 02 (Summer)	15.0	21.0	0.21	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	1.3	< 0.19	< 0.090	27.0	1.1	1.3
	S-35	2004 02 (Summer)	0.65 J	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19 J	< 0.090	< 0.94	< 0.090	< 0.090
		2004 01 (Spring)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	2.2	< 0.57	< 0.28
		2003 04 (Winter)	59.0	14.0	1.2	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	3.6	< 0.19	< 0.19	47.0	3.3	2.2
		2003 03 (Fall)	100	91.0	2.4	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	2.7	< 0.19	< 0.19	330 J	11.0	2.3
		2003 02 (Summer)	100	37.0	1.6	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	3.1	< 0.19	< 0.19	210	6.1	1.2
		2003 01 (Spring)	63.0	< 2.0	0.57 J	< 0.10	0.13	0.16 J	< 0.20	0.11	< 0.10	< 0.20	0.72 J	3.3 J	0.16	210	3.9	0.60
		2002 04 (Winter)	48.0	< 1.9	1.1	0.14	< 0.10	< 0.19	< 0.19	< 0.10	0.15	< 0.19	2.5	1.9 J	< 0.10	< 0.95	5.4	2.7
		2002 03 (Fall)	130	79.0	1.9	0.090 J	< 0.090	< 0.19	< 0.19	< 0.090	0.090 J	< 0.19	3.8	< 0.19	< 0.090	340	4.4	3.3
		2002 02 (Summer)	24.0	20.0	0.39	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	0.81	< 0.19	< 0.090	2.6	0.54	0.88
	M25-01	2004 04 (Winter)	250	560	9.4	0.28	0.19	0.11 J	< 0.19	< 0.090	0.36	< 0.19	8.7	86.0	0.11	6,200	110	7.7
		2004 02 (Summer)	110	570	11.0	1.6	2.2	1.8 J	2.7	0.81 J	4.1	14.0	15.0	67.0	1.9	5,700	90.0	16.0
		2003 04 (Winter)	110	460	13.0	2.3	5.2	2.5	3.9	1.4	7.6	< 0.96	20.0	51.0	3.5	4,300	89.0	16.0
		2003 02 (Summer)	120	420	13.0	1.3	2.1	1.4	1.7	0.57	4.3	< 0.19	29.0	54.0	1.6	4,100	88.0	16.0
		2002 04 (Winter)	110	340 J	4.6 J	0.37 J	0.39 J	0.33 J	0.51 J	0.16 J	0.57 J	0.59 J	5.1 J	40.0	0.51 J	4,400	49.0	4.8 J
		2002 03 (Fall)	63.0	340	16.0	2.5	3.3	2.0	3.1	0.85	6.8	3.0	23.0	50.0	4.2	3,600	110	25.0
	M25-02	2004 04 (Winter)	3.7 J	< 1.9	0.19 J	0.17 J	< 0.10	< 0.19	< 0.19	< 0.10	0.13 J	< 0.19	6.2 J	< 0.19	< 0.10	< 0.97	1.6 J	9.4 J
		2004 02 (Summer)	< 3.8	< 7.6	0.51	< 0.38	< 0.38	< 0.76	< 0.76	< 0.38	0.41	< 0.76	4.8	< 0.76	< 0.38	3.1 J	< 0.38	8.2
		2003 04 (Winter)	6.0	4.5	0.28 J	0.13	< 0.090	< 0.19	< 0.19	< 0.090	0.14 J	< 0.19	5.3	< 0.19	< 0.19	3.2	< 0.57	6.9
		2003 02 (Summer)	5.8	5.5	< 0.66	0.15	< 0.090	< 0.19	< 0.19	< 0.090	0.19	< 0.19	9.3	< 0.19	< 0.19	5.1	0.65	7.5
		2002 04 (Winter)	4.7	4.2	0.57	0.18	< 0.090	< 0.19	< 0.19	< 0.090	0.17	< 0.19	2.4	< 0.19	< 0.090	4.3	0.54	3.9
		2002 03 (Fall)	3.1	3.4	0.61	0.21	< 0.10	< 0.19	< 0.19	< 0.10	0.21	< 0.19	3.6	< 0.19	< 0.10	2.8	0.55	6.1
	M25-04	2004 04 (Winter)	< 0.97 UJ	< 1.9 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.19 UJ	< 0.19 UJ	< 0.10 UJ	< 0.10 UJ	< 0.19 UJ	< 0.19 UJ	< 0.19 UJ	< 0.10 UJ	< 0.97 UJ	< 0.10 UJ	< 0.10 UJ
		2004 02 (Summer)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2003 04 (Winter)	< 2.0	< 2.0	< 0.69	< 0.090	< 0.090	< 0.20	< 0.20 UJ	< 0.090	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 2.0	< 0.59	< 0.30 UJ
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	17.0	< 0.57	< 0.28
		2002 04 (Winter)	< 0.99	< 2.0	0.17	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.10	< 0.20	0.44	< 0.20	< 0.10	< 0.99	0.36	0.31
		2002 03 (Fall)	< 0.94	< 1.9	0.10	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	0.24	< 0.19	< 0.090	0.77 J	0.35	0.18
	M25-05	2004 04 (Winter)	70.0	170	1.6	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	1.5	10.0	< 0.10	1,600	18.0	1.2
		2004 02 (Summer)	< 0.95	100	< 0.10	0.040 J	< 0.10	< 0.19	< 0.19	< 0.10	0.040 J	< 0.19	1.5	13.0	< 0.10	2,300	22.0	1.3
		2004 01 (Spring)	28.0	94.0	0.81	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	1.2	6.9	< 0.19	1,300	9.8	< 0.28
		2003 04 (Winter)	36.0	78.0	1.1	< 0.10	< 0.10	< 0.20	< 0.20	< 0.10	< 0.20	< 0.20	1.3 J	8.7	< 0.20	1,900	13.0	0.58
		2003 03 (Fall)	33.0	72.0	1.4	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	1.4	9.3	< 0.19	< 1,700	14.0	1.3
		2003 02 (Summer)	36.0	180	1.3	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	2.4	9.8	< 0.19	1,900	13.0	1.1
		2003 01 (Spring)	31.0	< 9.6	1.1	< 0.48	< 0.48	< 0.96	< 0.96	< 0.48	< 0.48	< 0.96	1.6	9.0	< 0.48	1,900	10.0	1.2
		2002 04 (Winter)	53.0 J	140 J	2.1 J	0.14 J	0.090 J	< 0.19	< 0.19	< 0.090	0.14 J	< 0.19	2.7 J	16.0 J	< 0.090	2,200	26.0	2.4 J
		2002 03 (Fall)	21.0 J	140 J	2.4 J	0.090 J	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	3.4 J	12.0 J	< 0.090	1,500	30.0	3.0 J
	M25-06	2004 04 (Winter)	14.0 J	< 1.9	0.26 J	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	0.40 J	1.3 J	< 0.090	51.0 J	3.1 J	0.41 J

Table 25-4
Groundwater Sample Analytical Results at IR Site 25 Group: Polycyclic Aromatic Hydrocarbons
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			PAHs															
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M25-06	2004 02 (Summer)	19.0	< 1.9	0.56	< 0.10	0.070 J	< 0.19	< 0.19	< 0.10	0.10	< 0.19	0.94	2.7	< 0.10	16.0	7.4	0.89
	M25-07	2004 04 (Winter)	9.2 J	< 1.9	1.0 J	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	0.10 J	< 0.19	3.6 J	0.82 J	< 0.090	3.6 J	7.5 J	3.9 J
		2004 02 (Summer)	24.0	< 1.9	2.3	0.22	0.24	0.18 J	0.29	0.080 J	0.29	1.5	6.9	< 0.19	0.21	17.0	20.0	7.5
	M25-08	2004 04 (Winter)	1.3	< 1.9	0.11	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	0.31	< 0.19	< 0.090	0.93 J	< 0.090	0.37
		2004 02 (Summer)	4.0	< 1.9	0.54	0.16	0.25	0.21	0.33	0.090 J	0.19	1.9	3.3	< 0.19	0.26	4.1	0.79	3.4
	M25-09	2004 04 (Winter)	9.1	< 1.9	1.6	0.14	< 0.090	< 0.19	< 0.19	< 0.090	0.16	< 0.19	3.5	1.9	< 0.090	12.0	11.0	3.3
		2004 02 (Summer)	46.0 J	41.0 J	5.4 J	0.29 J	0.16 J	0.17 J	0.22 J	< 0.10	0.30 J	< 0.19	10.0 J	18.0 J	0.13 J	340 J	54.0 J	9.8 J
	P181-MW45	2004 04 (Winter)	130	160	7.0	0.16	< 0.10	< 0.20	< 0.20	< 0.10	0.18	< 0.20	8.4	18.0	< 0.10	2,600	69.0	7.7
		2004 02 (Summer)	84.0 J	< 19.0	7.8 J	0.22 J	< 0.10	< 0.19	< 0.19	< 0.10	0.23 J	< 0.19	9.2 J	17.0 J	< 0.10	2,900 J	78.0 J	8.8 J
		2004 01 (Spring)	78.0	130	4.7	0.10	< 0.10	< 0.20	< 0.20	< 0.10	0.12 J	< 0.20	8.5	12.0	< 0.20	1,900	47.0 J	5.0
		2003 04 (Winter)	91.0	95.0	6.9	0.15	< 0.090	< 0.19	< 0.19	< 0.090	0.18 J	< 0.19	11.0	14.0	< 0.19	1,900	62.0	6.4
		2003 03 (Fall)	70.0	74.0	6.3	0.087 J	< 0.090	< 0.19	< 0.19	< 0.090	0.13 J	< 0.19	7.8	11.0	< 0.19	1,700 J	50.0	7.5
		2003 02 (Summer)	100	220	7.4	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	0.16 J	< 0.19	18.0	14.0	< 0.19	2,200	65.0	8.7 J
		2003 01 (Spring)	97.0	200 J	6.9	0.50	< 0.47	< 0.94	< 0.94	< 0.47	0.58	< 0.94	8.0 J	18.0 J	< 0.47	2,400	63.0	7.2 J
		2002 04 (Winter)	56.0 J	110 J	4.3 J	0.17 J	< 0.090	< 0.19	< 0.19	< 0.090	0.18 J	< 0.19	5.2 J	10.0 J	< 0.090	1,500	40.0	4.6 J
		2002 03 (Fall)	28.0	37.0	3.0	0.11	< 0.090	< 0.19	< 0.19	< 0.090	0.11	< 0.19	3.2	5.9	< 0.090	1,200	27.0	3.0
		2002 02 (Summer)	43.0	190	5.2	0.10	< 0.090	< 0.19	< 0.19	< 0.090	0.12	< 0.19	5.4	12.0	< 0.090	2,100	48.0	5.1
	P181-MW46	2004 04 (Winter)	73.0 J	130 J	3.1 J	0.19 J	< 0.10	< 0.20	< 0.20	< 0.10	0.18 J	< 0.20	8.1 J	6.4 J	< 0.10	260 J	17.0 J	8.7 J
		2004 02 (Summer)	49.0 J	130 J	2.7 J	0.16 J	< 0.090	< 0.19	< 0.19	< 0.090	0.17 J	< 0.19	6.9 J	6.1 J	< 0.090	490 J	16.0 J	7.1 J
		2004 01 (Spring)	59.0	75.0	2.4	0.12	< 0.090	< 0.19	< 0.19	< 0.090	0.11 J	< 0.19	7.2	5.1	< 0.19	390	14.0	5.5
		2003 04 (Winter)	59.0	130	2.8	0.19	< 0.090	< 0.20	< 0.20	< 0.090	0.20	< 0.20	9.6	7.5	< 0.20	510	15.0	6.1
		2003 03 (Fall)	56.0	63.0	3.9	0.14	< 0.090	< 0.19	< 0.19	< 0.090	0.16 J	< 0.19	8.0	6.5	< 0.19	340 J	15.0	6.9
		2003 02 (Summer)	61.0	140	3.6	0.15	< 0.090	< 0.19	< 0.19	< 0.090	0.16 J	< 0.19	11.0	6.9	< 0.19	480	16.0 J	5.8
		2003 01 (Spring)	71.0	150 J	2.8 J	0.52	< 0.47	< 0.94	< 0.94	< 0.47	0.60	< 0.94	5.4 J	11.0 J	< 0.47	1,400	18.0	5.4
		2002 04 (Winter)	91.0 J	170 J	3.2 J	0.34 J	0.25 J	0.28 J	0.34 J	0.13 J	0.38 J	0.42 J	4.9 J	12.0 J	0.29 J	1,900	25.0	5.0 J
		2002 03 (Fall)	58.0 J	63.0 J	2.9 J	0.59 J	0.68 J	0.41 J	0.55 J	0.18 J	0.91 J	0.61 J	6.1 J	8.6 J	0.76 J	1,300	16.0	6.8 J
		2002 02 (Summer)	43.0	79.0	2.6	0.56	0.31	0.19 J	0.25	0.070 J	0.60	< 0.19	6.5	7.5	0.45	910	10.0	7.2
	P181-MW47	2004 04 (Winter)	100	250	8.2	0.23	< 0.10	< 0.19	< 0.19	< 0.10	0.22	< 0.19	9.6	39.0	< 0.10	3,200	73.0	9.0
		2004 02 (Summer)	60.0 J	170 J	5.7 J	0.16 J	< 0.090	< 0.19	< 0.19	< 0.090	0.15 J	< 0.19	6.6 J	27.0 J	< 0.090	2,400 J	54.0 J	6.4 J
		2004 01 (Spring)	50.0	97.0	5.0	0.16	< 0.090	< 0.19	< 0.19	< 0.090	0.17 J	< 0.19	8.7	21.0	< 0.19	1,500	47.0 J	5.7
		2003 04 (Winter)	30.0	100	5.3	0.20	< 0.090	< 0.19	< 0.19	< 0.090	0.22	< 0.19	9.1	18.0	< 0.19	1,100	46.0	5.5
		2003 03 (Fall)	56.0	58.0	4.7	0.098	< 0.090	< 0.19	< 0.19	< 0.090	0.12 J	< 0.19	5.8	19.0	< 0.19	1,600 J	38.0	5.5
		2003 02 (Summer)	49.0	220	6.3	0.16	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	15.0	27.0	< 0.19	2,000	49.0	6.8
		2003 01 (Spring)	68.0 J	150 J	5.5	0.57	0.61	< 0.94	< 0.94	< 0.47	0.64	< 0.94	7.3 J	28.0 J	< 0.47	1,500	48.0	6.9
		2002 04 (Winter)	37.0 J	120 J	3.6 J	0.23 J	0.11 J	< 0.19	< 0.19	< 0.10	0.21 J	< 0.19	4.8 J	19.0 J	< 0.10	1,600	33.0	4.6 J
		2002 03 (Fall)	22.0 J	160 J	4.5 J	0.23 J	0.090 J	0.13 J	< 0.19	< 0.090	0.21 J	< 0.19	6.6 J	24.0	0.13 J	1,800	38.0	6.2 J
		2002 02 (Summer)	17.0	290	5.0	0.20	< 0.10	< 0.20	< 0.20	< 0.10	0.18	< 0.20	7.4	23.0	< 0.10	2,200	44.0	7.2
	PW-12	2004 04 (Winter)	34.0 J	43.0 J	3.9 J	0.15 J	< 0.090	< 0.19	< 0.19	< 0.090	0.14 J	0.31 J	7.2 J	2.9 J	< 0.090	< 0.94	9.2 J	6.7 J

Table 25-4
Groundwater Sample Analytical Results at IR Site 25 Group: Polycyclic Aromatic Hydrocarbons
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			PAHs															
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		MCL:	NA	NA	NA	NA	0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	PW-12	2004 02 (Summer)	30.0 J	53.0	2.6	0.090 J	< 0.090	< 0.19	< 0.19	< 0.090	0.080 J	< 0.19	4.0	< 0.19 J	< 0.090	10.0	6.0	3.8
		2004 01 (Spring)	23.0	45.0	3.1	0.19	< 0.090	< 0.19	< 0.19	< 0.090	0.18 J	< 0.19	8.5	2.6	< 0.19	170	7.3	5.7
		2003 04 (Winter)	24.0	39.0	3.0	0.13	< 0.090	< 0.19	< 0.19	< 0.090	0.13 J	< 0.19	7.4	< 0.19	< 0.19	28.0	6.0	4.4
		2003 03 (Fall)	23.0	42.0	3.3	0.097	< 0.090	< 0.19	< 0.19	< 0.090	0.098 J	< 0.19	5.9	< 0.19	< 0.19	40.0 J	6.3	4.8
		2003 02 (Summer)	20.0	57.0 J	2.3	0.070 J	< 0.10	< 0.20	< 0.20	< 0.10	< 0.20	< 0.20	6.5	< 0.20 UJ	< 0.20	91.0	4.9	3.0
		2003 01 (Spring)	8.7	24.0	0.75	0.12	0.12	< 0.20	< 0.20	< 0.10	0.13	< 0.20	1.1	1.0	< 0.10	23.0	2.4	0.94
		2002 04 (Winter)	19.0	40.0	2.0	0.23	0.13	< 0.20	< 0.20	< 0.10	0.21	< 0.20	4.7	1.9	< 0.10	24.0	5.8	4.5
		2002 03 (Fall)	13.0	23.0	1.7	0.21	0.12	< 0.19	< 0.19	< 0.10	0.20	< 0.19	3.9	< 0.19	< 0.10	12.0	4.7	3.8
		2002 02 (Summer)	20.0	46.0	3.0	0.19	< 0.090	< 0.19	< 0.19	< 0.090	0.17	< 0.19	7.6	< 0.19	< 0.090	45.0	7.9	7.6
	S-16-R	2004 04 (Winter)	32.0 J	11.0 J	1.1 J	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	2.2 J	4.9 J	< 0.10	61.0 J	12.0 J	1.9 J
	S-35R	2004 04 (Winter)	4.1 J	< 1.9	0.34 J	0.16 J	< 0.10	< 0.19	< 0.19	< 0.10	0.19 J	< 0.19	2.3 J	0.19 J	< 0.10	2.0 J	1.4 J	3.5 J
		2004 02 (Summer)	8.5 J	3.0	1.1	0.32	0.11	0.15 J	< 0.19	0.060 J	0.31	< 0.19	5.5	0.74 J	< 0.10	5.7	4.0	6.6
SWBZ	D-02	2004 04 (Winter)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2004 02 (Summer)	< 0.95	< 1.9	< 0.10	< 0.10	< 0.10	< 0.19	< 0.19	< 0.10	< 0.10	< 0.19	< 0.19	< 0.19	< 0.10	< 0.95	< 0.10	< 0.10
		2004 01 (Spring)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.56	< 0.28
		2003 04 (Winter)	< 1.9	< 1.9	< 0.67	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	2.0	< 0.58	< 0.29
		2003 03 (Fall)	< 1.9	< 1.9	< 0.67	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 3.7 UJ	< 0.58	< 0.29
		2003 02 (Summer)	< 1.9	< 1.9	< 0.66	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.9	< 0.57	< 0.28
		2003 01 (Spring)	< 0.98	< 2.0	< 0.10	< 0.10	0.12	< 0.20	< 0.20	< 0.10	< 0.10	< 0.20	< 0.20	< 0.20	0.15	< 0.98	< 0.10	< 0.10
		2002 04 (Winter)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 03 (Fall)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	< 0.090	< 0.090
		2002 02 (Summer)	< 0.94	< 1.9	< 0.090	< 0.090	< 0.090	< 0.19	< 0.19	< 0.090	< 0.090	< 0.19	< 0.19	< 0.19	< 0.090	< 0.94	0.090 J	< 0.090

Table 25-5

Groundwater Sample Analytical Results at IR Site 25 Group: Dissolved Metals

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

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Table 25-5

Groundwater Sample Analytical Results at IR Site 25 Group: Dissolved Metals

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																		Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-16	2002 02 (Summer)		0.27 J	< 5.0	610	< 2.0	0.079 J	17.0	3.4 J	6.7 J	0.041 J	2,100	0.11 J	< 20.0	7.3 J	< 5.0	15.0	< 2.0	14.0	< 20.0	6.6 J	5,300	580	1,300	280	9,400
S-35	2004 02 (Summer)		0.41 J	3.2	69.0	< 1.0	< 5.0	1.2	0.25 J	2.3	0.94 J	82.0	0.084 J	< 20.0	3.9	< 1.0	< 5.0	< 1.0	4.6	7.4	< 50.0	< 100	84.0	36.0	14.0	130
	2003 04 (Winter)		< 5.0 UJ	< 50.0	86.2 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0 UJ	109	-	< 50.0	< 20.0	< 20.0	< 10.0	-	7.3 J	< 20.0	< 200	587	25.6	18.9	16.2	504
	2003 02 (Summer)		< 50.0	13.2 J	128 J	< 4.0	< 5.0	< 10.0	< 10.0	2.4 J	< 10.0	73.7 J	-	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	5.4 J	3.4 J	< 200	1,200 J	51.6	36.2	27.1 J	359 J
	2002 04 (Winter)		< 50.0	9.9	170	< 2.0	< 5.0	< 10.0	1.0 J	2.7 J	0.054 J	150	< 0.20	3.8 J	7.3 J	< 5.0	< 5.0	< 2.0	9.1 J	4.3 J	< 100	640	32.0	35.0	18.0	620
	2002 02 (Summer)		0.37 J	14.0	58.0	< 2.0	< 5.0	< 10.0	0.75 J	3.1 J	0.13 J	80.0	0.071 J	3.0 J	4.7 J	1.3 J	< 5.0	0.068 J	10.0 J	4.5 J	< 100	180	36.0	17.0	11.0	400
M25-01	2004 04 (Winter)		0.44 J	< 5.0	730	< 2.0	< 5.0	7.3 J	3.2	4.2 J	0.18 J	1,500	0.10 J	0.59 J	11.0 J	< 5.0 UJ	< 5.0	< 5.0	8.5 J	17.0 J	5.1 J	22,000	330	1,100	250	8,100
	2004 02 (Summer)		< 1.0	< 1.0	740	< 2.0	< 5.0	9.1 J	3.4	< 10.0	0.59 J	1,700	< 0.20	< 20.0	6.0 J	< 5.0	3.1 J	< 1.0	9.3 J	< 20.0	< 50.0	20,000	320	1,100	270	7,900
	2003 04 (Winter)		< 25.0 UJ	< 50.0	822	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0 UJ	1,440	< 0.40	12.4 J	< 20.0	< 20.0	< 10.0	< 25.0 UJ	8.2 J	< 20.0	< 200	22,300	302	1,300	380	10,200
	2003 02 (Summer)		< 50.0	15.4 J	825 J	< 4.0	1.9 J	8.8 J	3.2 J	1.5 J	< 10.0	2,110 J	-	< 50.0	6.3 J	< 20.0	< 10.0	< 50.0	10.0 J	< 20.0	1,400 J	25,400 J	325	1,040	276 J	6,940 J
	2002 04 (Winter)		0.29 J	< 5.0	600	0.025 J	0.22 J	6.4 J	3.3 J	9.3 J	0.26 J	1,800	< 0.20	< 20.0	13.0 J	< 5.0	< 5.0	< 2.0	8.6 J	< 20.0	< 100	23,000	290	910	230	< 0.50
	2002 03 (Fall)		< 50.0	< 5.0	330	< 2.0	< 5.0	4.7 J	4.1 J	4.8 J	< 3.0	1,700	< 0.20	3.0 J	8.1 J	< 5.0 UJ	< 5.0	< 2.0	7.7 J	< 20.0	< 100	1,900	7.3	23.0	250	190
M25-02	2004 04 (Winter)		0.12 J	3.3 J	210	< 2.0	< 5.0	2.4 J	0.58 J	0.43 J	0.14 J	1,200	< 0.20	< 20.0	3.5 J	12.0 J	< 5.0	< 5.0	5.0 J	5.3 J	3.0 J	480	130	180	53.0	1,100
	2004 02 (Summer)		< 1.0	< 1.0	220	< 2.0	< 5.0	1.2 J	0.56 J	< 10.0	0.21 J	1,500	< 0.20	< 20.0	2.3 J	< 5.0	< 5.0	< 1.0	1.5 J	< 20.0	< 50.0	180	150	200	55.0	1,200
	2003 04 (Winter)		< 5.0 UJ	< 50.0	169	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0 UJ	684	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0 UJ	< 50.0	< 20.0	< 200	395	92.2	179	55.3	1,400
	2003 02 (Summer)		< 50.0	< 50.0	243	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	955	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 50.0	< 50.0	2.1 J	< 200	1,230	130	246	55.2	1,440 J
	2002 04 (Winter)		< 50.0	3.6 J	280	< 2.0	< 5.0	< 10.0	0.79 J	1.4 J	0.041 J	1,100	< 0.20	< 20.0	3.6 J	13.0	< 5.0	< 2.0	4.6 J	< 20.0	4.6 J	5,400	140	280	66.0	2,100
	2002 03 (Fall)		< 50.0	6.8	250	< 2.0	< 5.0	1.6 J	0.80 J	0.63 J	< 3.0	1,100	< 0.20	< 20.0	3.9 J	5.1 J	< 5.0	< 2.0	2.8 J	< 20.0	< 100	3,000	150	270	66.0	2,000
M25-04	2004 04 (Winter)		0.33 J	4.1 J	46.0	< 2.0	< 5.0	1.3 J	0.38 J	2.8 J	0.30 J	110	< 0.20	1.5 J	9.4 J	< 5.0 UJ	< 5.0	< 5.0	7.1 J	6.3 J	5.4 J	81.0 J	23.0	16.0	11.0	72.0
	2004 02 (Summer)		< 1.0	4.3	39.0	< 2.0	< 5.0	< 10.0	0.46 J	< 10.0	0.53 J	170	< 0.20	< 20.0	12.0 J	< 5.0	< 5.0	< 1.0	3.4 J	< 20.0	< 50.0	83.0 J	19.0	13.0	9.4	55.0
	2003 04 (Winter)		< 5.0 UJ	4.8 J	39.3 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	122	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0 UJ	< 50.0	< 20.0	< 200	147	16.9	13.9	< 12.8	86.1
	2003 02 (Summer)		< 50.0	< 50.0	43.5 J	< 4.0	< 5.0	< 10.0	< 10.0	3.2 J	< 10.0	120 J	-	< 50.0	12.0 J	< 20.0	< 10.0	< 5.0	6.4 J	4.3 J	< 200	81.7 J	22.1	15.3	11.6 J	58.4 J
	2002 04 (Winter)		0.42 J	< 7.4	< 100	0.025 J	< 50.0 UJ	2.1 J	1.3 J	5.3 J	0.20 J	800	< 0.20	< 200	9.8 J	< 5.0	< 50.0	< 2.0	5.6 J	11.0 J	< 1,000	4,400	73.0	180	55.0	1,500
	2002 03 (Fall)		< 50.0	5.2	47.0	< 2.0	< 5.0	0.86 J	1.2 J	2.6 J	< 3.0	410	< 0.20	2.4 J	9.2 J	< 5.0 UJ	< 5.0	< 2.0	3.1 J	< 20.0	< 100	500	27.0	29.0	15.0	190
M25-05	2004 04 (Winter)		0.36 J	< 5.0	890	< 2.0	< 5.0	6.1 J	4.1	15.0	0.40 J	1,200	< 0.20	0.73 J	14.0 J	< 5.0 UJ	< 5.0	< 5.0	18.0	18.0 J	11.0 J	6,200	370	1,200	290	9,000
	2004 02 (Summer)		0.46 J	< 1.0	860	< 2.0	< 5.0	7.2 J	3.7	< 10.0	0.46 J	1,300	< 0.20	< 20.0	3.5 J	< 5.0	1.7 J	< 1.0	13.0	< 20.0	< 50.0	4,600	330	1,100	280	7,800
	2004 01 (Spring)		2.7 J	< 50.0	613	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	1,270	< 1.0	25.2 J	< 20.0	< 20.0	< 10.0	< 10.0	13.5 J	< 20.0	< 200	2,440	281	1,050	297 J	8,360
	2003 04 (Winter)		< 5.0 UJ	< 50.0	661	< 4.0	< 5.0	< 10.0	7.5 J	< 10.0	< 10.0 UJ	1,300	-	< 50.0	< 20.0	< 20.0	< 10.0	-	11.6 J	< 20.0	< 200	1,450	282	937	346	8,310
	2003 03 (Fall)		< 5.0	7.3 J	832	< 4.0	< 5.0	< 10.0	3.9 J	< 10.0	< 10.0	1,610	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0	7.9 J	< 20.0	< 200	4,080	317	1,040	290 J	6,860
	2003 02 (Summer)		< 50.0	10.7 J	600 J	< 4.0	< 5.0	4.0 J	2.2 J	< 10.0	< 10.0	1,690 J	-	< 50.0	< 20.0	< 20.0	< 10.0	< 50.0	7.2 J	< 20.0	< 200	3,820 J	306	926	269 J	6,440 J
	2003 01 (Spring)		0.29 J	22.0	490	< 2.0	< 5.0	4.1 J	2.5 J	4.4 J	< 3.0	1,500	< 0.20	0.39 J	3.2 J	4.1 J	< 5.0	< 1.2	8.8 J	< 20.0	6.7 J	2,300	240	830	230	6,800
	2002 04 (Winter)		0.36 J	< 5.0	970 J	< 2.0	< 5.0	5.4 J	4.2 J	11.0	0.068 J	1,700	< 0.20	< 20.0	16.0 J	< 5.0 UJ	< 5.0	< 2.0	11.0	< 20.0	8.5 J	14,000 J	330	1,100	270	8,000
	2002 03 (Fall)		0.48 J	< 5.0	650	< 2.0	< 5.0	3.4 J	4.2 J	3.8 J	< 3.0	1,900	< 0.20	0.58 J	7.5 J	< 5.0 UJ	< 5.0	< 2.0	9.1 J	< 20.0	< 100	1,900	360	1,100	230	8,500
M25-09	2004 04 (Winter)		0.18 J	3.2 J	380	< 2.0	< 5.0	3.1 J	1.2	1.5 J	0.097 J	4,900	< 0.20	0.37 J	4.8 J	< 5.0 UJ	< 5.0	< 5.0	2.6 J	6.4 J	8.0 J	180,000	81.0	99.0	66.0	600
	2004 02 (Summer)		0.17 J	6.2	160	< 2.0	< 5.0	< 10.0	4.9	< 10.0	0.54 J	3,700	0.092 J	< 20.0	< 20.0	< 1.0	< 5.0	< 1.0	< 10.0	15.0 J	< 50.0	83,000	85.0	160	82.0	1,300
P181-MW45	2004 04 (Winter)		0.32 J	< 5.0	1,400	< 2.0	< 5.0	6.5 J	4.0	9.3 J	0.35 J	240	< 0.20	0.77 J	13.0 J	< 5.0 UJ	< 5.0	< 5.0	8.8 J	19.0 J	6.5 J	36,000	310	1,200	240	8,600
	2004 02 (Summer)		0.35 J	< 1.0	1,400	< 2.0	< 5.0	< 10.0	3.9	< 10.0	0.69 J	240	0.049 J	< 20.0	< 20.0	< 1.0	< 5.0	< 1.0	5.9 J	< 20.0	< 50.0	29,000	290	1,100	240	8,500
	2003 04 (Winter)		< 5.0 UJ	< 50.0	1,490	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0 UJ	260	-	< 50.0	< 20.0	< 20.0	< 10.0	-	9.2 J	< 20.0	< 200	29,300	261	1,090	358	10,100

FWBZ

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Table 25-5
Groundwater Sample Analytical Results at IR Site 25 Group: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																		Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	P181-MW45	2003 02 (Summer)	< 50.0	16.0 J	1,960 J	< 4.0	1.7 J	4.3 J	3.8 J	< 10.0	< 10.0	311 J	-	< 50.0	5.6 J	< 20.0	< 10.0	< 50.0	6.8 J	< 20.0	< 200	39,700 J	312	1,260	295 J	7,920 J
		2002 04 (Winter)	0.25 J	< 9.5	1,400	0.031 J	< 100 UJ	4.7 J	3.5 J	5.6 J	0.056 J	190	< 0.20	< 20.0	11.0 J	< 5.0	< 100	0.38	5.6 J	< 20.0	< 100	26,000 J	220	1,000	200	7,100
		2002 02 (Summer)	0.20 J	< 5.0	1,600 J	< 2.0	< 5.0	19.0	4.0 J	11.0	0.054 J	230	< 0.20	0.44 J	9.0 J	< 5.0	1.9 J	< 2.0	11.0	< 20.0	4.3 J	22,000	270	1,100	190	7,900
	P181-MW46	2004 04 (Winter)	0.32 J	2.6 J	860	< 2.0	< 5.0	2.7 J	1.5	2.2 J	0.26 J	1,200	0.073 J	0.22 J	4.0 J	< 5.0 UJ	< 5.0	< 5.0	5.7 J	12.0 J	4.3 J	1,300	180	430	85.0	3,000
		2004 02 (Summer)	0.14 J	< 5.0	840	< 2.0	< 5.0	< 10.0	1.6	< 10.0	0.16 J	1,200	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 1.0	< 10.0	18.0 J	< 50.0	1,800	180	430	82.0	3,100
		2003 04 (Winter)	< 5.0 UJ	< 50.0	662	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0 UJ	813	-	< 50.0	< 20.0	< 20.0	< 10.0	-	5.6 J	< 20.0	< 200	3,170	121	298	73.4	2,360
		2003 02 (Summer)	< 50.0	< 50.0	844 J	< 4.0	< 5.0	2.0 J	1.9 J	< 10.0	< 10.0	982 J	-	< 50.0	< 20.0	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	3,360 J	175	449	82.3 J	2,450 J
		2002 04 (Winter)	< 50.0	< 5.0	1,200	0.032 J	< 100 UJ	2.9 J	2.2 J	3.0 J	0.067 J	610	< 0.20	< 400	6.9 J	< 5.0	< 100	< 2.0	3.0 J	< 20.0	< 2,000	13,000	160	530	110	4,000
		2002 02 (Summer)	0.079 J	< 5.0	800 J	< 2.0	< 5.0	11.0	1.6 J	2.3 J	0.082 J	880	0.071 J	0.44 J	3.1 J	< 5.0	0.87 J	< 2.0	6.3 J	< 20.0	19.0 J	10,000	160	430	78.0	3,100
	P181-MW47	2004 04 (Winter)	0.30 J	< 5.0	640	< 2.0	< 5.0	4.9 J	2.5	5.1 J	0.31 J	230	< 0.20	0.27 J	8.0 J	< 5.0 UJ	< 5.0	< 5.0	8.4 J	14.0 J	4.6 J	5,300	210	720	170	5,900
		2004 02 (Summer)	0.50 J	< 5.0	660	0.31 J	< 5.0	4.3 J	2.5	< 10.0	0.12 J	290	< 0.20	< 20.0	1.6 J	< 5.0	< 5.0	< 1.0	6.5 J	18.0 J	< 50.0	4,000	230	700	160	5,800
		2003 04 (Winter)	< 5.0 UJ	< 50.0	581	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0 UJ	248	-	< 50.0	< 20.0	5.3 J	< 10.0	-	10.4 J	< 20.0	< 200	3,050	168	564	184	5,520
		2003 02 (Summer)	< 50.0	< 50.0	648 J	< 4.0	< 5.0	5.1 J	< 10.0	< 10.0	< 10.0	334 J	-	< 50.0	< 20.0	< 20.0	< 10.0	< 50.0	6.0 J	< 20.0	< 200	4,620 J	195	608	176 J	3,900 J
		2002 04 (Winter)	< 50.0	< 5.0	500	0.027 J	< 50.0 UJ	4.8 J	2.2 J	2.5 J	0.37 J	210	< 0.20	< 200	5.0 J	< 5.0	< 50.0	< 2.0	7.2 J	< 20.0	< 1,000	3,000	160	520	130	4,400
		2002 02 (Summer)	0.19 J	0.34 J	510 J	< 2.0	< 5.0	12.0	2.0 J	2.4 J	0.12 J	230	< 0.20	< 20.0	3.3 J	< 5.0	0.59 J	< 2.0	8.9 J	< 20.0	5.2 J	5,100	140	520	120	4,500
	PW-12	2004 04 (Winter)	0.35 J	< 5.0	1,400	< 2.0	< 5.0	8.4 J	3.1	11.0	0.28 J	380	0.047 J	0.46 J	15.0 J	< 5.0 UJ	< 5.0	< 5.0	12.0	22.0	4.5 J	4,200	440	1,300	300	9,800
		2004 02 (Summer)	0.44 J	< 1.0	1,700	< 1.0	3.9 J	15.0	3.7	11.0	0.24 J	410	0.28	< 20.0	17.0	< 1.0	< 5.0	< 1.0	17.0	< 1.0	5.0 J	1,100	440	1,400	300	10,000
		2003 04 (Winter)	< 25.0 UJ	< 50.0	1,390	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0 UJ	328	0.22 J	< 50.0	< 20.0	< 20.0	< 10.0	-	14.2 J	< 20.0	< 200	1,340	348	1,330	405	10,700
		2003 02 (Summer)	< 50.0	< 50.0	1,830 J	< 4.0	< 5.0	5.6 J	2.1 J	< 10.0	< 10.0	437 J	-	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	8.1 J	< 20.0	< 200	1,820 J	411	1,300	331 J	8,130 J
		2002 04 (Winter)	0.27 J	< 5.0	< 880 UJ	< 2.0	< 5.0	7.1 J	2.8 J	4.8 J	0.15 J	370	< 0.20	0.39 J	6.9 J	< 5.0 UJ	< 5.0	< 2.0	13.0	< 20.0	5.4 J	2,900 J	260	720	160	5,500
		2002 02 (Summer)	0.18 J	< 5.0	1,200 J	< 2.0	< 5.0	18.0	3.0 J	5.3 J	0.055 J	430	0.062 J	< 20.0	4.8 J	< 5.0	1.1 J	< 2.0	13.0	< 20.0	< 100	3,200	400	1,200	250	8,800
	S-16-R	2004 04 (Winter)	0.67 J	< 5.0	610	< 2.0	< 5.0	5.2 J	5.2	16.0	0.37 J	3,300	< 0.20	1.7 J	23.0	< 5.0 UJ	< 5.0	< 5.0	12.0	23.0	7.0 J	14,000	490	1,400	300	9,900
	S-35R	2004 04 (Winter)	0.24 J	< 5.0	610	< 2.0	< 5.0	2.2 J	2.2	3.8 J	0.45 J	430	< 0.20	1.0 J	7.6 J	< 5.0 UJ	< 5.0	< 5.0	4.4 J	8.1 J	3.4 J	12,000	120	360	79.0	3,100
		2004 02 (Summer)	0.32 J	11.0	350	< 2.0	< 5.0	< 10.0	1.8	< 10.0	0.20 J	610	0.075 J	< 20.0	4.2 J	< 5.0	< 5.0	< 1.0	< 10.0	22.0	< 50.0	4,300	93.0	200	41.0	1,900
SWBZ	D-02	2004 04 (Winter)	0.068 J	46.0	2,500	< 2.0	< 5.0	0.74 J	1.3	3.1 J	0.24 J	20,000	< 0.20	0.60 J	7.4 J	< 5.0 UJ	< 5.0	< 5.0	0.88 J	9.5 J	3.0 J	22,000	610	430	17.0	1,300
		2004 02 (Summer)	< 1.0	58.0	2,400	< 2.0	< 5.0	1.9 J	0.95 J	< 10.0	0.61 J	20,000	< 0.20	< 20.0	2.8 J	4.9 J	< 5.0	< 1.0	< 10.0	< 26.0	< 50.0	21,000	510	390	18.0	1,300
		2003 04 (Winter)	< 5.0 UJ	59.8	2,120	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0 UJ	18,200	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 10.0 UJ	< 50.0	< 20.0	< 200	20,500	443	357	17.4	1,220
		2003 02 (Summer)	< 50.0	71.8	2,460	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	19,600	< 0.40 UJ	< 50.0	2.8 J	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	24,400	495	390	18.8 J	1,110
		2002 04 (Winter)	0.054 J	57.0	2,000	< 2.0	< 5.0	< 10.0	0.98 J	1.5 J	0.068 J	16,000	< 0.20	0.57 J	3.6 J	11.0	< 5.0	< 2.0	< 10.0	< 20.0	< 100	19,000	390	300	17.0	1,000
		2002 02 (Summer)	< 50.0	53.0	2,200	1.4 J	< 5.0	7.5 J	< 10.0	< 10.0	< 3.0	18,000	< 0.20	< 20.0	< 20.0	12.0	< 5.0	< 2.0 UJ	< 10.0	< 20.0	< 100 UJ	20,000	460	360	16.0	1,200

Table 25-6

Soil Gas Analytical Results at IR Site 25 Group: Volatile Organic Compounds

Fall 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

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Table 25-6
Soil Gas Analytical Results at IR Site 25 Group: Volatile Organic Compounds
Fall 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Commonly Detected Aromatic Compounds							Commonly Detected Chlorinated Hydrocarbons									Remaining VOCs							
			Benzene	Toluene	Ethylbenzene	M,P-xylenes	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	Tetrachloroethene (PCE)	Trichloroethene (TCE)	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride	Acetone	Bromodichloromethane	Bromoform	Bromomethane	Carbon Tetrachloride	Chloroethane	Chloroform	Chloromethane
		Units:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VADOSE	OU5-SG-16D	2002 03 (Fall)	0.59	2.3	0.27 J	1.6	0.76 J	0.52 J	< 0.40	0.19 J	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	7.6	< 0.40	< 0.40	< 0.40	< 0.40	< 0.80	0.52	0.67 J
	OU5-SG-16S	2004 01 (Spring)	< 0.20	0.30	0.12 J	0.85	20.0	< 1.0	0.11 J	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	0.088 J	< 0.20	< 1.6	< 0.20	< 0.20	< 0.20	< 0.20	< 0.40	1.2	0.099 J
		2003 04 (Winter)	0.23	0.67	0.18 J	1.0	1.2	< 1.0 UJ	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	0.083 J	< 0.20	2.2 J	< 0.20	< 0.20	< 0.20	< 0.20	< 0.40	3.4	< 0.40
		2003 03 (Fall)	< 1.0	< 1.0	< 1.0	< 1.0	10.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	9.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.0	< 1.0
		2003 02 (Summer)	< 1.0	2.0	< 1.0	6.0	189	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 6.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	5.0	< 1.0
		2002 04 (Winter)	0.37	1.1	0.11 J	0.54	4.4	0.16 J	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	4.9	< 0.20	< 0.20	< 0.20	< 0.20	< 0.40	0.14 J	0.48
		2002 03 (Fall)	1.1	8.6	1.3	9.4	< 0.50 UJ	11.0	< 0.20	0.27	0.42	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	1.7	< 0.20	< 0.20	< 0.20	0.097 J	< 0.40	0.22	0.46
	OU5-SG-17D	2004 04 (Winter)	< 0.74	1.2	< 0.74	0.86	< 7.4	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	8.8	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	1.2 J
		2002 03 (Fall)	0.36	0.87	0.15 J	0.64	< 0.50 UJ	0.25 J	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	6.9	< 0.20	< 0.20	< 0.20	0.086 J	< 0.40	0.20	0.46
	OU5-SG-17S	2004 04 (Winter)	< 0.80	1.4	< 0.80	2.2	< 8.0	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	7.7	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 3.2
		2004 02 (Summer)	0.12 J	0.43	0.11 J	0.71	1.3	< 1.0	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	3.1	< 0.20	< 0.20	< 0.20	< 0.20	< 0.40	2.8	0.25 J
		2004 01 (Spring)	0.37	3.8	0.56	3.3	19.0	< 1.0	0.14 J	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	4.8	< 0.20	< 0.20	< 0.20	< 0.20	< 0.40	1.8	0.53
		2003 04 (Winter)	< 0.20	0.35	0.10 J	0.54	0.65	< 1.0 UJ	< 0.20	0.11 J	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	1.0 J	< 0.20	< 0.20	< 0.20	< 0.20	< 0.40	1.4	< 0.40
		2003 03 (Fall)	< 1.0	1.1	< 1.0	2.0	34.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 6.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		2003 02 (Summer)	< 4.0	< 4.0	< 4.0	< 4.0	319	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 20.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
		2003 01 (Spring)	< 0.20	0.16 J	< 0.20	< 0.50	3.5 J	< 1.0	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20 UJ	0.80	< 0.20	< 0.20	< 0.20	< 0.20	< 0.40	0.96	0.17 J
		2002 04 (Winter)	< 0.20	0.22 J	< 0.20	< 0.50	13.0	< 1.0	0.23	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	1.3	< 0.20	< 0.20	< 0.20	< 0.20	< 0.40	0.56	< 0.40
		2002 03 (Fall)	< 0.20	0.21 J	< 0.20	< 0.50	< 0.50 UJ	< 1.0	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	2.0	< 0.20	< 0.20	< 0.20	< 0.20 J	< 0.40	1.0	0.18 J
	OU5-SG-18D	2004 04 (Winter)	< 0.78	< 0.78	0.89	3.4	< 7.8	< 0.78	< 0.78	< 0.78	< 0.78	< 0.78	< 0.78	< 0.78	< 0.78	< 0.78	< 0.78	< 0.78	14.0	< 0.78	< 0.78	< 0.78	< 0.78	< 0.78	< 0.78	< 3.1
		2004 02 (Summer)	< 2.0	2.0	2.4	6.3	1.5 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	4.3 J	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 4.0
		2004 01 (Spring)	< 2.1	< 3.2	2.6	7.5	21.0	< 11.0	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 8.5	< 2.1	< 2.1	< 2.1	< 2.1	< 4.2	< 2.1	< 4.2
		2003 04 (Winter)	< 2.0	< 2.0	< 2.0	< 2.0	1.1 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	7.1 J	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 4.0
		2003 03 (Fall)	< 1.0	< 1.0	< 1.0	< 1.0	< 6.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 6.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		2003 02 (Summer)	< 23.0	< 23.0	< 23.0	< 23.0	69.0 J	< 23.0	< 23.0	< 23.0	< 23.0	< 23.0	< 23.0	< 23.0	< 23.0	< 23.0	< 23.0	< 23.0	< 120	< 23.0	< 23.0	< 23.0	< 23.0	< 23.0	< 23.0	< 23.0
		2003 01 (Spring)	< 1.8	< 2.7	1.5 J	6.4	7.2 J	< 9.0	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8 UJ	3.1 J	< 1.8	< 1.8	< 1.8	< 1.8	< 3.6	< 1.8	< 3.6
		2002 03 (Fall)	0.71	2.4	2.4	8.6	0.41 J	0.72 J	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.80	< 0.20	< 0.20	< 0.20	< 0.20	< 0.40	< 0.20	< 0.40
	OU5-SG-18S	2004 04 (Winter)	< 0.79	1.1	< 0.79	0.80	< 7.9	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	13.0	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	< 3.2
		2004 02 (Summer)	0.20	0.51	0.21	1.2	2.6	< 1.0	< 0.20	0.16 J	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	7.6	< 0.20	< 0.20	< 0.20	0.058 J	< 0.40	5.5	1.4
		2004 01 (Spring)	< 0.20	0.71	0.30	1.7	16.0	< 1.0	< 0.20	0.094 J	0.35	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	3.7	< 0.20	< 0.20	< 0.20	< 0.20	< 0.40	3.7	0.086 J
		2003 04 (Winter)	< 0.22	0.28 J	0.23	1.0	1.5	< 1.1 UJ	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	2.4 J	< 0.22	< 0.22	< 0.22	< 0.22	< 0.43	3.2	< 0.43
		2003 03 (Fall)	< 4.0	< 4.0	< 4.0	< 4.0	65.3	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 22.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
		2003 02 (Summer)	< 1.0	< 1.0	< 1.0	< 1.0	154	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	33.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	11.0	< 1.0
		2003 01 (Spring)	< 0.20	1.6	0.18 J	1.0	10.0 J	0.39 J	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20 UJ	7.6	< 0.20	< 0.20	< 0.20	< 0.20	< 0.40	3.5	< 0.40
		2002 04 (Winter)	0.11 J	1.6	0.11 J	0.61	9.9	0.11 J	0.14 J	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	2.5	< 0.20	< 0.20	< 0.20	< 0.20	< 0.40	2.1	0.089 J
		2002 03 (Fall)	< 0.20	< 0.30	< 0.20	< 0.50	0.15 J	0.49 J	< 0.20	< 0.20	0.49	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	4.4	< 0.20	< 0.20	< 0.20	< 0.20	< 0.40	4.9	< 0.40
	OU5-SG-19D	2004 04 (Winter)	1.3	2.8	< 0.74	1.5	< 7.4	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	8.4	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	1.5 J
		2004 02 (Summer)	1.1 J	1.6 J	1.2 J	1.5 J	1.1 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 10.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 4.0
		2003 04 (Winter)	< 2.0	< 2.0	< 2.0	< 2.0	0.66 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	77.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 4.0

Innovative Technical Solutions, Inc.

Table 25-6
Soil Gas Analytical Results at IR Site 25 Group: Volatile Organic Compounds
Fall 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Commonly Detected Aromatic Compounds							Commonly Detected Chlorinated Hydrocarbons									Remaining VOCs							
			Benzene	Toluene	Ethylbenzene	M,P-xylenes	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	Tetrachloroethene (PCE)	Trichloroethene (TCE)	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride	Acetone	Bromodichloromethane	Bromoform	Bromomethane	Carbon Tetrachloride	Chloroethane	Chloroform	Chloromethane
		Units:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VADOSE	OU5-SG-19D	2003 03 (Fall)	< 5.0	< 5.0	< 5.0	< 5.0	87.5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	27.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
		2003 02 (Summer)	< 22.0	< 22.0	< 22.0	< 22.0	67.0 J	< 22.0	26.0	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0	< 110	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0
		2003 01 (Spring)	< 2.0	2.5	1.2 J	3.8	1.7 J	1.6 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	18.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 4.0
		2002 04 (Winter)	0.52	3.3	0.64	3.0	12.0	0.55 J	6.1	0.21 J	0.21 J	0.39	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	18.0	< 0.30	< 0.30	< 0.30	< 0.30	< 0.60	< 0.30	0.57 J
		2002 03 (Fall)	0.28	0.30	0.36 J	1.4 J	< 0.50 UJ	31.0	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	3.0	< 0.20	< 0.20	< 0.20	0.072 J	< 0.40	0.50	0.26 J
	OU5-SG-19S	2004 04 (Winter)	0.91	1.8	< 0.80	1.6	< 8.0	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	44.0	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 3.2
		2004 02 (Summer)	0.57	0.46	0.12 J	0.82	1.8	< 1.0	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	6.4	< 0.20	< 0.20	< 0.20	0.081 J	< 0.40	0.56	0.29 J
		2004 01 (Spring)	< 0.20	0.42	0.20	1.1	22.0	< 1.0	0.15 J	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	3.4	< 0.20	< 0.20	< 0.20	< 0.20	< 0.40	1.2	0.28 J
		2003 04 (Winter)	< 19.0	< 19.0	< 19.0	< 19.0	< 47.0	< 19.0	< 19.0	< 19.0	< 19.0	< 19.0	< 19.0	< 19.0	< 19.0	< 19.0	< 19.0	< 19.0	4,100	< 19.0	< 19.0	< 19.0	< 19.0	< 38.0	< 19.0	< 38.0
		2003 03 (Fall)	< 5.0	< 5.0	< 5.0	< 5.0	67.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 23.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
		2003 02 (Summer)	1.0	2.0	< 1.0	1.0	56.0 J	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	26.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		2003 01 (Spring)	< 0.20	0.65 J	0.18 J	1.2 J	8.1 J	< 1.0	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20 UJ	2.1	< 0.20	< 0.20	< 0.20	< 0.20	< 0.40	0.79	0.23 J
		2002 04 (Winter)	< 0.45	0.62 J	< 0.45	0.85 J	59.0	< 2.2	2.5	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	8.1	< 0.45	< 0.45	< 0.45	< 0.45	< 0.90	1.9	< 0.90
		2002 03 (Fall)	0.20	0.47	0.15 J	0.76	< 0.50 UJ	15.0	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	4.2	< 0.20	< 0.20	< 0.20	0.087 J	< 0.40	0.69	0.36 J
	OU5-SG-20D	2004 04 (Winter)	0.85	27.0	< 0.70	1.4	< 7.0	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	7.2	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 2.8
		2003 03 (Fall)	1,750	804	1,020	947	< 2,600	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	70.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
		2002 03 (Fall)	0.17 J	0.54	0.15 J	1.4	0.27 J	220	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	0.12 J	< 0.20	< 0.20	< 0.20	1.2	< 0.20	< 0.20	< 0.20	0.057 J	< 0.40	0.21	< 0.40
	OU5-SG-20S	2004 04 (Winter)	22.0	< 0.73	< 0.73	< 0.73	< 7.3	< 0.73	< 0.73	< 0.73	< 0.73	< 0.73	< 0.73	< 0.73	< 0.73	< 0.73	< 0.73	< 0.73	5.7	< 0.73	< 0.73	< 0.73	< 0.73	< 0.73	< 0.73	< 2.9
		2004 02 (Summer)	18.0	6.1	26.0	28.0	3.2	< 1.0	< 0.20	1.7	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	0.62	< 0.20	7.3	0.17 J	< 0.20	< 0.20	0.051 J	< 0.40	2.0	0.17 J
		2004 01 (Spring)	7.7	2.5	2.0	1.9	19.0	< 1.0	0.15 J	0.84	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	0.30	< 0.20	< 2.9	< 0.20	< 0.20	< 0.20	< 0.20	< 0.40	0.64	0.23 J
		2003 04 (Winter)	5.0	4.5	2.2	6.5	1.1	< 1.0 UJ	< 0.20	0.28	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	0.14 J	< 0.20	5.6 J	< 0.20	< 0.20	< 0.20	< 0.20	< 0.40	0.29	< 0.40
		2003 03 (Fall)	82.0	79.0	200	228	204 J	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 23.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
		2003 02 (Summer)	45.0	< 30.0	< 30.0	< 30.0	402	< 30.0	< 30.0	< 30.0	< 30.0	< 30.0	< 30.0	< 30.0	< 30.0	< 30.0	< 30.0	< 30.0	214 J	< 30.0	< 30.0	< 30.0	< 30.0	< 30.0	< 30.0	< 30.0
		2003 01 (Spring)	0.10 J	1.6	0.46	3.2	13.0 J	< 1.0	< 0.20	0.72	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	0.27	< 0.20 UJ	19.0	< 0.20	< 0.20	< 0.20	< 0.20	< 0.40	0.95	4.5
		2002 04 (Winter)	0.11 J	0.52	0.12 J	0.56	35.0	< 1.0	1.3	0.23	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	0.11 J	< 0.20	4.7	< 0.20	< 0.20	< 0.20	< 0.20	< 0.40	0.64	< 0.40
		2002 03 (Fall)	0.17 J	0.42	< 0.20	< 0.50	< 0.50 UJ	1.0	< 0.20	0.11 J	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	1.6	< 0.20	< 0.20	< 0.20	0.096 J	< 0.40	< 0.20	0.55

Table 25-6
Soil Gas Analytical Results at IR Site 25 Group: Volatile Organic Compounds
Fall 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Remaining VOCs												
			Dibromochloromethane	Isopropylbenzene (Cumene)	Methylene Chloride	Styrene	Vinyl Acetate	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,2-Dichloropropane	2-Butanone (MEK)	2-Hexanone	4-Methyl-2-pentanone (MIBK)	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene
		Units:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VADOSE	OU5-SG-16D	2002 03 (Fall)	< 0.40	< 0.80	**0.29 J**	< 0.40	< 2.0 UJ	< 0.40 UJ	< 0.40	< 0.40	**0.88 J**	< 0.80	< 0.80	< 0.40	< 0.40
	OU5-SG-16S	2004 01 (Spring)	< 0.20	**0.032 J**	< 0.20	< 0.20	< 1.0	< 0.20	< 0.20	< 0.20	**0.33 J**	< 0.40	< 0.40	< 0.20	< 0.20
		2003 04 (Winter)	< 0.20	< 0.40	< 0.20	< 0.20	< 1.0	< 0.20	< 0.20	< 0.20	**0.98 J**	< 0.40	< 0.40	< 0.20	< 0.20
		2003 03 (Fall)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 7.0	< 7.0	< 7.0	< 1.0	< 1.0
		2003 02 (Summer)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 6.0	< 6.0	< 6.0	< 1.0	< 1.0
		2002 04 (Winter)	< 0.20	< 0.40	**0.17 J**	< 0.20	< 1.0	< 0.20	< 0.20	< 0.20	**0.72 J**	< 0.40 UJ	< 0.40	< 0.20	< 0.20
		2002 03 (Fall)	< 0.20	**0.11 J**	**0.31**	< 0.20	< 1.0 UJ	< 0.20 UJ	< 0.20	< 0.20	< 1.0 J	< 0.40	< 0.40	< 0.20	< 0.20
	OU5-SG-17D	2004 04 (Winter)	< 0.74	-	< 0.74	< 0.74	**9.5**	< 0.74	< 0.74	< 0.74	**0.90**	< 3.0	< 0.74	< 0.74	< 0.74
		2002 03 (Fall)	< 0.20	< 0.40	**0.17 J**	< 0.20	< 1.0 UJ	< 0.20 UJ	< 0.20	< 0.20	< 1.0	< 0.40	< 0.40	< 0.20	< 0.20
	OU5-SG-17S	2004 04 (Winter)	< 0.80	-	< 0.80	< 0.80		< 0.80	< 0.80	< 0.80	**0.88**	< 3.2	< 0.80	< 0.80	< 0.80
		2004 02 (Summer)	< 0.20	< 0.40	< 0.20	< 0.20	< 1.0	< 0.20	< 0.20	< 0.20	**0.46 J**	< 0.40	< 0.40	< 0.20	< 0.20
		2004 01 (Spring)	< 0.20	**0.071 J**	< 0.20	**0.095 J**	< 1.0	< 0.20	< 0.20	< 0.20	**0.84 J**	< 0.40	**0.43**	< 0.20	< 0.20
		2003 04 (Winter)	< 0.20	< 0.40	< 0.20	< 0.20	< 1.0	< 0.20	< 0.20	< 0.20	**0.58 J**	< 0.40	< 0.40	< 0.20	< 0.20
		2003 03 (Fall)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 6.0	< 6.0	< 6.0	< 1.0	< 1.0
		2003 02 (Summer)	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 20.0	< 20.0	< 20.0	< 4.0	< 4.0
		2003 01 (Spring)	< 0.20	< 0.40	< 0.20	< 0.20	< 1.0	< 0.20	< 0.20	< 0.20	< 1.0	< 0.40	< 0.40	< 0.20	< 0.20
		2002 04 (Winter)	< 0.20	< 0.40	< 0.20	< 0.20	< 1.0	< 0.20	< 0.20	< 0.20	**0.36 J**	< 0.40	< 0.40	< 0.20	< 0.20
		2002 03 (Fall)	< 0.20	< 0.40	< 0.20	< 0.20	< 1.0 UJ	< 0.20 UJ	< 0.20	< 0.20	**0.35 J**	< 0.40	< 0.40	< 0.20	< 0.20
	OU5-SG-18D	2004 04 (Winter)	< 0.78	-	< 0.78	< 0.78		< 0.78	< 0.78	< 0.78	**1.3**	< 3.1	< 0.78	< 0.78	< 0.78
		2004 02 (Summer)	< 2.0	**1.0 J**	< 2.0	< 2.0	< 10.0	< 2.0	< 2.0	< 2.0	< 10.0	< 10.0	< 10.0	< 2.0	< 2.0
		2004 01 (Spring)	< 2.1	**0.77 J**	< 2.1	< 2.1	< 11.0	< 2.1	< 2.1	< 2.1	< 11.0	< 4.2	< 4.2	< 2.1	< 2.1
		2003 04 (Winter)	< 2.0	< 2.0	< 2.0	< 2.0	< 10.0	< 2.0	< 2.0	< 2.0	< 10.0	< 10.0	< 10.0	< 2.0	< 2.0
		2003 03 (Fall)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 6.0	< 6.0	< 6.0	< 1.0	< 1.0
		2003 02 (Summer)	< 23.0	< 23.0	< 23.0	< 23.0	< 23.0	< 23.0	< 23.0	< 23.0	< 120	< 120	< 120	< 23.0	< 23.0
		2003 01 (Spring)	< 1.8	**0.80 J**	< 1.8	< 1.8	< 9.0	< 1.8	< 1.8	< 1.8	< 9.0	< 3.6	< 3.6	< 1.8	< 1.8
		2002 03 (Fall)	< 0.20	**1.1**	**0.17 J**	**0.33**	< 1.0 UJ	< 0.20 UJ	< 0.20	< 0.20	< 1.0	< 0.40	< 0.40	< 0.20	< 0.20
	OU5-SG-18S	2004 04 (Winter)	< 0.79	-	< 0.79	< 0.79	**19.0**	< 0.79	< 0.79	< 0.79	< 0.79	< 3.2	< 0.79	< 0.79	< 0.79
		2004 02 (Summer)	< 0.20	**0.056 J**	< 0.20	< 0.20	< 1.0	< 0.20	< 0.20	< 0.20	**0.48 J**	< 0.40	**0.66**	< 0.20	< 0.20
		2004 01 (Spring)	< 0.20	**0.072 J**	< 0.20	< 0.20	< 1.0	< 0.20	< 0.20	< 0.20	**0.76 J**	< 0.40	**0.28 J**	< 0.20	< 0.20
		2003 04 (Winter)	< 0.22	**0.059 J**	< 0.22	< 0.22	< 1.1	< 0.22	< 0.22	< 0.22	**0.68 J**	< 0.43	< 0.43	< 0.22	< 0.22
		2003 03 (Fall)	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 22.0	< 22.0	< 22.0	< 4.0	< 4.0
		2003 02 (Summer)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0
		2003 01 (Spring)	< 0.20	< 0.40	**0.080 J**	**0.22**	< 1.0	< 0.20	< 0.20	< 0.20	**6.8**	< 0.40	< 0.40	< 0.20	< 0.20
		2002 04 (Winter)	< 0.20	< 0.40	**0.41**	< 0.20	< 1.0	< 0.20	< 0.20	< 0.20	**0.23 J**	< 0.40	< 0.40	< 0.20	< 0.20
		2002 03 (Fall)	< 0.20	< 0.40	< 0.20	< 0.20	< 1.0 UJ	< 0.20 UJ	< 0.20	< 0.20	**0.78 J**	< 0.40	< 0.40	< 0.20	< 0.20
	OU5-SG-19D	2004 04 (Winter)	< 0.74	-	< 0.74	< 0.74		< 0.74	< 0.74	< 0.74	**1.2**	< 3.0	< 0.74	< 0.74	< 0.74
		2004 02 (Summer)	< 2.0	< 2.0	< 2.0	< 2.0	< 10.0	< 2.0	< 2.0	< 2.0	< 10.0	< 10.0	< 10.0	< 2.0	< 2.0
		2003 04 (Winter)	< 2.0	< 2.0	< 2.0	< 2.0	< 10.0	< 2.0	< 2.0	< 2.0	< 10.0	< 10.0	< 10.0	< 2.0	< 2.0

Table 25-6
Soil Gas Analytical Results at IR Site 25 Group: Volatile Organic Compounds
Fall 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Remaining VOCs												
			Dibromochloromethane	Isopropylbenzene (Cumene)	Methylene Chloride	Styrene	Vinyl Acetate	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,2-Dichloropropane	2-Butanone (MEK)	2-Hexanone	4-Methyl-2-pentanone (MIBK)	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene
		Units:	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV	PPBV
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VADOSE	OU5-SG-19D	2003 03 (Fall)	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 25.0	< 25.0	< 25.0	< 5.0	< 5.0
		2003 02 (Summer)	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0	< 22.0	< 110	< 110	< 110	< 22.0	< 22.0
		2003 01 (Spring)	< 2.0	< 2.0	< 2.0	< 2.0	< 10.0	< 2.0	< 2.0	< 2.0	**4.5 J**	< 10.0	< 10.0	< 2.0	< 2.0
		2002 04 (Winter)	< 0.30	**0.81**	**1.8**	**0.14 J**	< 1.5	< 0.30	< 0.30	< 0.30	**3.1**	< 0.60	< 0.60	< 0.30	< 0.30
		2002 03 (Fall)	< 0.20	< 0.40	**0.17 J**	< 0.20	< 1.0 UJ	< 0.20 UJ	< 0.20	< 0.20	< 1.0	< 0.40	< 0.40	< 0.20	< 0.20
	OU5-SG-19S	2004 04 (Winter)	< 0.80	-	< 0.80	< 0.80	**26.0**	< 0.80	< 0.80	< 0.80	< 0.80	< 3.2	< 0.80	< 0.80	< 0.80
		2004 02 (Summer)	< 0.20	< 0.40	< 0.20	< 0.20	< 1.0	< 0.20	< 0.20	< 0.20	**0.50 J**	< 0.40	< 0.40	< 0.20	< 0.20
		2004 01 (Spring)	< 0.20	**0.045 J**	< 0.20	< 0.20	< 1.0	< 0.20	< 0.20	< 0.20	**0.60 J**	< 0.40	< 0.40	< 0.20	< 0.20
		2003 04 (Winter)	< 19.0	< 19.0	< 19.0	< 19.0	< 94.0	< 19.0	< 19.0	< 19.0	< 94.0	< 94.0	< 94.0	< 19.0	< 19.0
		2003 03 (Fall)	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 23.0	< 23.0	< 23.0	< 5.0	< 5.0
		2003 02 (Summer)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0
		2003 01 (Spring)	< 0.20	< 0.40	**0.086 J**	< 0.20	< 1.0	< 0.20	< 0.20	< 0.20	**0.32 J**	< 0.40	< 0.40	< 0.20	< 0.20
		2002 04 (Winter)	< 0.45	**0.32 J**	< 0.45	< 0.45	< 2.2	< 0.45	< 0.45	< 0.45	**1.1 J**	< 0.90	< 0.90	< 0.45	< 0.45
		2002 03 (Fall)	< 0.20	< 0.40	**0.14 J**	**0.062 J**	< 1.0 UJ	< 0.20 UJ	< 0.20	< 0.20	**0.90 J**	< 0.40	< 0.40	< 0.20	< 0.20
	OU5-SG-20D	2004 04 (Winter)	< 0.70	-	< 0.70	< 0.70	**7.0**	< 0.70	< 0.70	< 0.70	< 0.70	< 2.8	< 0.70	< 0.70	< 0.70
		2003 03 (Fall)	< 5.0	< 520	< 5.0	**45.0**	< 5.0	< 5.0	< 5.0	< 5.0	< 26.0	< 26.0	< 26.0	< 5.0	< 5.0
		2002 03 (Fall)	< 0.20	**0.087 J**	**0.15 J**	< 0.20	< 1.0 UJ	< 0.20 UJ	< 0.20	< 0.20	< 1.0	< 0.40	**0.54**	< 0.20	< 0.20
	OU5-SG-20S	2004 04 (Winter)	< 0.73	-	< 0.73	< 0.73		< 0.73	< 0.73	< 0.73	< 0.73	< 2.9	< 0.73	< 0.73	< 0.73
		2004 02 (Summer)	< 0.20	**1.5**	< 0.20	< 0.20	< 1.0	< 0.20	< 0.20	< 0.20	**0.66 J**	< 0.40	< 0.40	< 0.20	< 0.20
		2004 01 (Spring)	< 0.20	**0.18 J**	< 0.20	< 0.20	< 1.0	< 0.20	< 0.20	< 0.20	**0.46 J**	< 0.40	< 0.40	< 0.20	< 0.20
		2003 04 (Winter)	< 0.20	**0.21 J**	< 0.20	< 0.20	< 1.0	< 0.20	< 0.20	< 0.20	**0.28 J**	< 0.40	< 0.40	< 0.20	< 0.20
		2003 03 (Fall)	< 5.0	**32.0**	< 5.0	**4.9**	< 5.0	< 5.0	< 5.0	< 5.0	< 23.0	< 23.0	< 23.0	< 5.0	< 5.0
		2003 02 (Summer)	< 30.0	< 30.0	< 30.0	< 30.0	< 30.0	< 30.0	< 30.0	< 30.0	< 150	< 150	< 150	< 30.0	< 30.0
		2003 01 (Spring)	< 0.20	< 0.40	**0.094 J**	**0.093 J**	< 1.0	< 0.20	< 0.20	< 0.20	**2.1**	< 0.40	< 0.40	< 0.20	< 0.20
		2002 04 (Winter)	< 0.20	**0.20 J**	**0.46**	< 0.20	< 1.0	< 0.20	< 0.20	< 0.20	**0.43 J**	< 0.40	< 0.40	< 0.20	< 0.20
		2002 03 (Fall)	< 0.20	< 0.40	**0.10 J**	< 0.20	< 1.0 UJ	< 0.20 UJ	< 0.20	< 0.20	< 1.0	< 0.40	< 0.40	< 0.20	< 0.20

Table 25-7
Groundwater Sampling Field Parameters at Installation Restoration Site 25 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	M25-01	11/19/04	6.54	0.18	65
		06/25/04	7.31	4.70	-108
		03/09/04	6.70	0.16	213
		12/08/03	6.61	0.21	-2.0
		09/22/03	6.72	0.15	-81
		07/03/03	6.65	0.11	-193
		04/16/03	6.60	0.19	-116
		12/30/02	6.08	***37.98***	-152.1
		09/11/02	6.78	0.70	-161.2
First	M25-02	11/19/04	6.41	0.32	-50
		06/25/04	6.95	3.50	-126
		03/08/04	6.52	0.15	30
		12/08/03	6.48	0.13	-62
		09/19/03	6.45	0.13	-88
		07/07/03	6.68	0.17	-147
		04/16/03	6.40	0.19	-6.0
		12/26/02	7.30	0.00	-145
		09/12/02	6.52	1.00	-119.3
First	M25-04	11/19/04	6.14	0.42	184
		06/25/04	6.47	5.90	134
		03/08/04	6.48	0.64	35
		12/12/03	6.74	0.20	269
		09/19/03	6.60	0.22	81
		07/03/03	6.62	0.20	-210
		04/16/03	6.30	0.22	176
		12/19/02	***8.65***	0.00	-112
		09/11/02	6.60	3.40	-53.4
First	M25-05	11/19/04	6.71	0.22	-10
		06/25/04	7.33	2.70	-100
		03/09/04	6.74	0.34	36
		12/11/03	6.67	0.17	-190.3
		09/23/03	6.64	0.23	-161
		07/03/03	6.68	0.15	-86
		04/21/03	6.54	0.26	-78
		12/20/02	6.70	0.00	-117
		09/11/02	6.61	4.10	-206
First	M25-06	11/19/04	6.56	0.62	62
		06/28/04	7.50	3.60	-21
First	M25-07	11/19/04	6.55	0.20	54
		06/28/04	7.53	3.20	-27
First	M25-08	11/19/04	6.52	0.19	43
		06/28/04	7.35	3.40	-72
First	M25-09	11/19/04	6.05	1.20	7.0
		06/28/04	6.80	3.30	-66
First	P181-MW45	11/19/04	6.36	0.33	-5.0
		06/28/04	7.15	2.30	-217
		03/08/04	6.68	0.13	38

Table 25-7
Groundwater Sampling Field Parameters at Installation Restoration Site 25 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	P181-MW45	12/11/03	6.56	0.20	-76
		09/19/03	6.57	0.21	-73
		07/03/03	6.60	0.15	-106
		04/17/03	6.50	0.32	-42
		12/19/02	6.35	***13.49***	-89.5
		09/11/02	6.57	0.90	-140.6
		06/24/02	6.49	4.30	-119.5
First	P181-MW46	11/19/04	6.31	0.32	-10
		06/30/04	7.07	2.40	30
		03/08/04	6.60	0.17	51
		12/11/03	6.51	0.20	-145.8
		09/19/03	6.52	0.20	-12
		07/03/03	6.60	0.19	-9.0
		04/17/03	6.47	0.23	54
		12/19/02	6.07	4.66	-135.1
		09/11/02	6.62	0.90	-90.1
		06/24/02	6.40	***16.28***	-86.5
First	P181-MW47	11/19/04	6.59	0.20	64
		06/30/04	7.20	3.30	66
		03/08/04	6.67	0.18	79
		12/11/03	6.55	0.19	-157.7
		09/19/03	6.54	0.16	-40
		07/03/03	6.64	0.27	-6.0
		04/17/03	6.50	0.26	55
		12/19/02	6.04	7.61	-137.8
		09/11/02	6.73	1.20	-84.2
		06/24/02	6.44	***10.27***	-77.9
First	PW-12	11/19/04	6.53	0.14	2.0
		06/29/04	7.45	2.90	-56
		03/08/04	6.76	0.12	35
		12/11/03	6.84	0.18	47
		09/22/03	6.75	0.30	-17
		07/03/03	6.76	0.14	-234
		04/16/03	6.42	0.28	166
		12/20/02	6.68	0.00	-161
		09/12/02	6.90	1.30	-95.5
		06/24/02	6.64	0.35	-60.6
First	S-16-R	11/19/04	6.67	0.33	4.0
First	S16-2	06/29/04	7.39	***24.10***	-107
		03/08/04	6.75	1.88	74
		12/19/03	6.59	1.68	17
		09/23/03	6.59	0.32	-134
First	S-16	06/25/02	6.56	1.14	-321
First	S-35R	11/19/04	6.61	0.40	-14
		06/29/04	7.35	2.60	-27
First	S-35	06/29/04	7.25	***14.40***	184
		03/08/04	6.96	4.14	232

Table 25-7
Groundwater Sampling Field Parameters at Installation Restoration Site 25 Group
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	S-35	12/11/03	7.21	0.44	18
		09/22/03	7.18	0.18	-60
		07/03/03	7.03	NM	26
		04/17/03	7.01	0.91	94
		12/26/02	7.48	0.15	-117
		09/11/02	7.04	4.10	-114
		06/25/02	7.03	***34.00***	52.2
Second	D-02	11/19/04	6.75	0.22	-6.0
		06/25/04	7.30	3.60	-59
		03/08/04	6.78	0.27	1.09
		12/08/03	6.66	0.19	11
		09/22/03	6.68	0.19	-81
		07/02/03	6.93	0.16	-142
		04/16/03	6.77	2.94	-1.0
		12/27/02	7.17	4.25	-144
		09/11/02	6.63	2.90	-149
		07/16/02	6.71	***-0.02***	-138.2

Notes:

Field parameters are measured during well purging, just prior to collection of the groundwater sample.

mg/L = milligrams per liter

ORP = oxidation-reduction potential

mV = millivolts

NM = not measured

Italicized results are outside expected range for parameter. Natural groundwater has the following expected ranges:

pH: between 6 and 8.5 standard units

DO: below approximately 9 mg/L

ORP: between approximately 600 and -400 mV

Table 25-8

Groundwater Sample Analytical Results at IR Site 25 Group: Natural Attenuation Parameters

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

Innovative Technical Solutions, Inc.

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Groundwater Sample Analytical Results at IR Site 25 Group: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	S-16	2002 02 (Summer)	< 0.010	< 0.010	2.9 J	< 0.50	< 0.50	18,000	54.0	3,600	3,600	< 1.0	< 1.0	5.3
	S-35	2004 02 (Summer)	< 0.010	< 0.010	0.026	0.48	< 0.050	100	56.0	340	340	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	1.7	-	-	289	17.9	608	608	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	2.6	0.45 J	< 1.0 UJ	698	16.1	620	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	2.7	< 0.10	< 0.10	580	2.1	710	710	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	3.4 J	0.19	< 0.050	200	13.0	540	540	< 1.0	< 1.0	0.060
FWBZ	M25-01	2004 04 (Winter)	< 0.0050	< 0.0050	13.0	< 1.3	< 2.5	14,000	6.3 J	2,100	2,100	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	15.0	< 1.3	< 2.5	14,000	10.0 J	3,300	3,300	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	6.8	10.5	< 50.0	14,300	9.2	3,420	3,420	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	3.8	< 1.0 UJ	-	14,200	18.0	2,880	-	-	-	1.2
	M25-02	2004 04 (Winter)	< 0.0050	< 0.0050	15.0	< 0.25	< 0.25	2,000	77.0	1,000	1,000	< 1.0	< 1.0	5.3
		2004 02 (Summer)	< 0.010	< 0.010	17.0	< 0.25	< 0.25	2,100	180	890	890	< 1.0	< 1.0	6.0
		2003 04 (Winter)	< 0.0030	< 0.0030	5.9	1.9	< 1.0	2,040	23.7	880	880	< 5.0	-	2.5
		2003 02 (Summer)	< 0.0030	< 0.0030	5.8	< 1.0	< 10.0	2,880	64.7	957	-	-	-	1.7
	M25-04	2004 04 (Winter)	< 0.0050	< 0.0050	0.93	2.2	< 0.050	49.0	52.0	180	180	< 1.0	< 1.0	0.060
		2004 02 (Summer)	< 0.010	< 0.010	0.19	0.38	< 0.050	37.0	40.0	180	180	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	1.6	< 1.0	< 1.0	58.7	29.8	188	188	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.47	0.31	< 0.20	36.5	27.2	134	-	-	-	< 1.0
	M25-05	2004 04 (Winter)	< 0.0050	< 0.0050	11.0	< 1.3	< 2.5	16,000	180	2,200	2,200	< 1.0	< 1.0	0.50
		2004 02 (Summer)	< 0.010	< 0.010	12.0	< 1.3	< 2.5	15,000	260	2,100	2,100	< 1.0	< 1.0	0.58
		2003 04 (Winter)	< 0.0030	< 0.0030	2.2	-	-	13,500	404	3,090	3,090	< 5.0	-	3.4
		2003 02 (Summer)	< 0.0030	< 0.0030	3.7	< 1.0 UJ	-	16,200	626	2,730	-	-	-	4.1
	M25-09	2004 04 (Winter)	< 0.0050	< 0.0050	8.8	< 0.050	< 0.10	930	82.0	560	560	< 1.0	< 1.0	< 0.040

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Groundwater Sample Analytical Results at IR Site 25 Group: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	M25-09	2004 02 (Summer)	< 0.010	< 0.010	12.0	< 0.25	< 0.25	2,100	27.0	720	720	< 1.0	< 1.0	< 0.040
	P181-MW45	2004 04 (Winter)	< 0.0050	< 0.0050	16.0	< 1.3	< 2.5	15,000	< 13.0	2,200	2,200	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	13.0	< 1.3	< 2.5	14,000	< 13.0	2,900	2,900	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	3.6	-	-	12,700	< 5.0	3,070	3,070	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	3.4	< 1.0 UJ	-	16,800	< 1.0	3,900	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	5.1	< 1.3	< 1.3	14,000	< 13.0	3,100	3,100	< 1.0	< 1.0	0.060
		2002 02 (Summer)	< 0.010	< 0.010	13.0	< 0.50	< 0.50	14,000	< 5.0	2,900	2,900	< 1.0	< 1.0	0.050
	P181-MW46	2004 04 (Winter)	< 0.0050	< 0.0050	16.0	< 0.50	< 0.50	4,800	66.0	1,400	1,400	< 1.0	< 1.0	2.2
		2004 02 (Summer)	< 0.010	< 0.010	18.0	< 0.25	< 0.50	5,000	32.0	1,400	1,400	< 1.0	< 1.0	1.3
		2003 04 (Winter)	< 0.0030	< 0.0030	2.3	-	-	3,840	17.7	1,450	1,450	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	6.3	< 1.0 UJ	-	5,140	42.4	1,220	-	-	-	2.5
		2002 04 (Winter)	< 0.010	< 0.010	5.7	< 0.50	< 1.3	9,600	0.92 J	2,300	2,300	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	14.0	< 0.50	< 0.50	5,500	110	1,400	1,400	< 1.0	< 1.0	0.42
	P181-MW47	2004 04 (Winter)	< 0.0050	< 0.0050	13.0	< 1.0	< 1.0	9,800	< 10.0	2,200	2,200	< 1.0	< 1.0	0.050
		2004 02 (Summer)	< 0.010	< 0.010	16.0	< 0.50	< 1.3	9,400	6.3	2,200	2,200	< 1.0	< 1.0	0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	4.1	-	-	8,380	3.0 J	1,800	1,800	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	4.2	< 1.0 UJ	-	9,960	5.5	1,790	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	10.0	< 0.50	< 1.3	9,300	6.7	2,000	2,000	< 1.0	< 1.0	0.41
		2002 02 (Summer)	< 0.010	< 0.010	12.0	< 0.50	< 0.50	7,900	6.8	2,200	2,200	< 1.0	< 1.0	0.37
	PW-12	2004 04 (Winter)	< 0.0050	< 0.0050	6.4	< 1.3	< 2.5	18,000	300	3,600	3,600	< 1.0	< 1.0	0.71
		2004 02 (Summer)	< 0.010	< 0.010	13.0	< 1.3	< 2.5	18,000	56.0	3,700	3,700	< 1.0	< 1.0	0.17
		2003 04 (Winter)	< 0.0030	< 0.0030	3.0	-	-	13,600	203	4,280	4,280	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	4.0	< 1.0 UJ	-	18,200	37.5	3,200	-	-	-	2.5

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Groundwater Sample Analytical Results at IR Site 25 Group: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	PW-12	2002 04 (Winter)	< 0.010	< 0.010	7.4	< 1.3	< 1.3	12,000	91.0	1,900	1,900	< 1.0	< 1.0	2.1
		2002 02 (Summer)	< 0.010	< 0.010	6.5	< 0.50	< 0.50	17,000	370	3,600	3,600	< 1.0	< 1.0	0.15
	S-16-R	2004 04 (Winter)	< 0.0050	< 0.0050	6.2	< 1.3	< 2.5	21,000	210	3,100	3,100	< 1.0	< 1.0	< 0.040
	S-35R	2004 04 (Winter)	< 0.0050	< 0.0050	13.0	< 1.0	< 1.0	6,900	5.6 J	1,400	1,400	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	13.0	0.12 J	< 0.25	2,100	23.0	800	800	< 1.0	< 1.0	< 0.040
SWBZ	D-02	2004 04 (Winter)	< 0.0050	< 0.0050	22.0	< 0.25	< 0.50	3,500	< 2.5	890	890	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	23.0	< 0.25	< 0.50	3,400	< 2.5	870	870	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	6.1	< 1.0	< 1.0	3,280	< 5.0	900	900	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	5.9	< 1.0	< 10.0 UJ	3,790	< 5.0	825	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	16.0	< 0.50	< 0.50	3,100	< 5.0	880	880	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	29.0	< 0.25	< 0.25	3,300	< 2.5	920	920	< 1.0	< 1.0	< 0.040

General Table Footnotes
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Acronyms and abbreviations

AWQC: Saltwater Ambient Water Quality Criteria, (U.S. EPA, 2002)
BV: Background value (Tetra Tech Environmental Management, Inc., November, 2001)
FWBZ: First Water-Bearing Zone
IR Site: Installation Restoration Site
MCL: California maximum contaminant level (U.S. EPA and California Department of Health Services, June 2003)
MTBE: Methyl tert-butyl ether
NA: Not available (applicable to regulatory limits or background values)
PAH: Polycyclic Aromatic Hydrocarbons
PCE: Tetrachloroethene
Ra: Radium
SO_4: Sulfate
Sr: Strontium
SVOC: Semivolatile Organic Compounds
SWBZ: Second Water-Bearing Zone
TCE: Trichloroethene
TDS: Total Dissolved Solids
TPH: Total Petroleum Hydrocarbons
VOC: Volatile Organic Compounds
-: compound not analyzed

Units

µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: pico curies per liter
PPBV: parts per billion by volume

Validation Qualifiers

J: Estimated value.
U: Not detected at or above the indicated reporting limit.
UJ: Not detected at or above the indicated reporting limit. The reporting limit is an estimate.
R: The analyte is rejected due to deficiencies in the ability to analyze the sample and meet QC criteria.
UR: The analyte was not detected. The analyte is rejected due to deficiencies in the ability to analyze the sample and meet QC criteria.

Notes

Detected values are bolded.
Detected values greater than the MCL are shown in yellow highlighting
Detected values greater than the BV are shown in blue highlighting
Detected values greater than the both the BV and the MCL are shown in pink highlighting
Total TPH (calculated) is the sum of all reported TPH results. Where all TPH results are less than reporting limits, the Total TPH value is represented by the highest reporting limit.

Figures

Site 25 Group
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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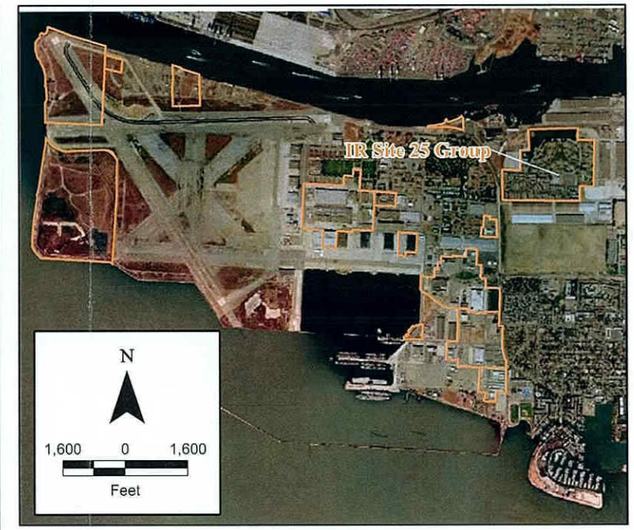

Legend

- First Water Bearing Zone (FWBZ) Wells
- Second Water Bearing Zone (SWBZ) Wells
- Soil Gas Wells
- IR Site Boundary
- Facility

N

400 0 400

Feet

2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Site 25 Group\IR Site 25 Group Location Map_NAD83.mxd

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SAN DIEGO, CALIFORNIA
ALAMEDA POINT, ALAMEDA, CALIFORNIA

FIGURE 25-1
IR SITE 25 GROUP
SITE AND WELL LOCATION MAP

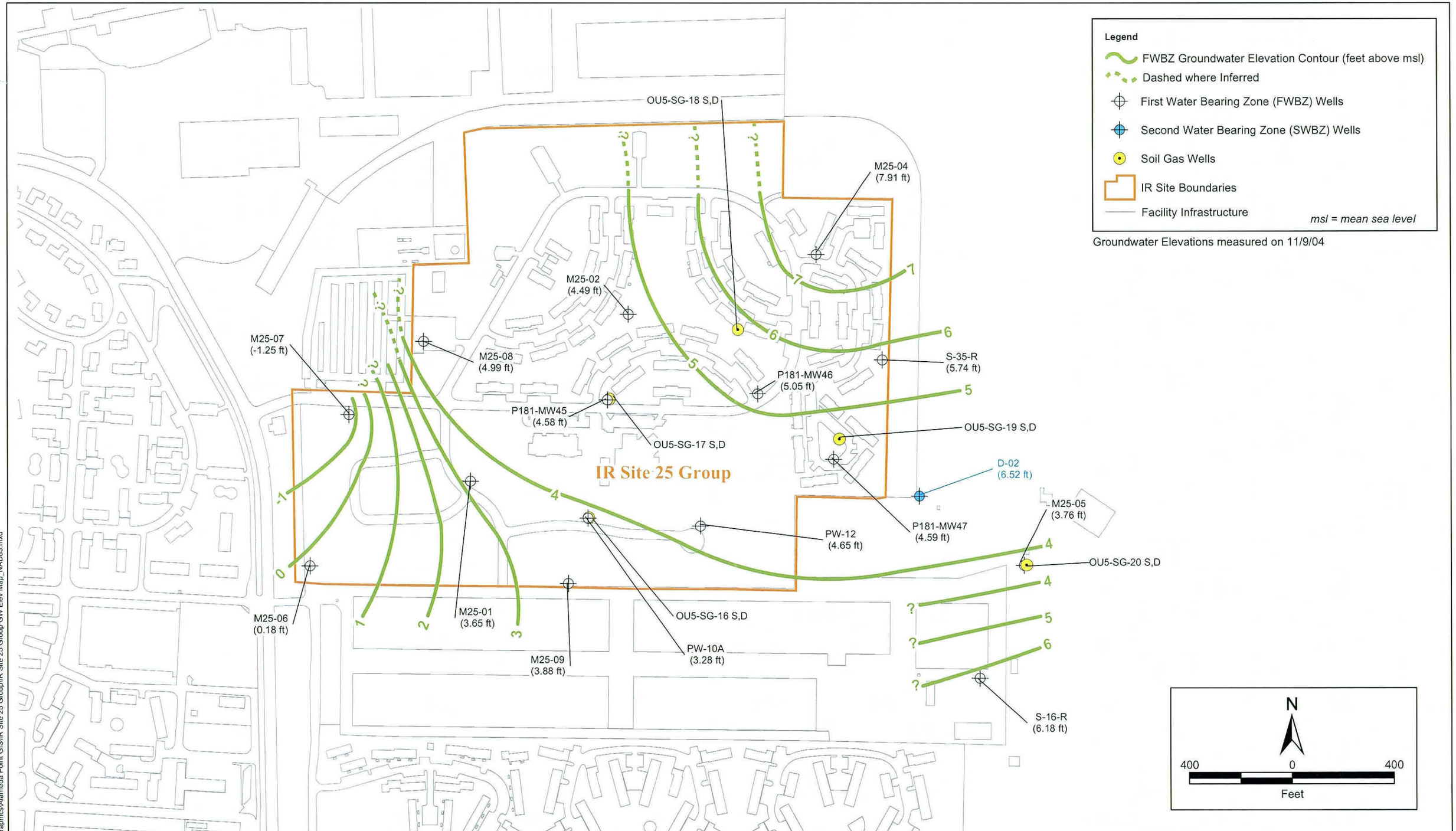

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FIGURE 25-2
IR SITE 25
GROUNDWATER ELEVATION MAP
FALL/WINTER 2004

2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Site 25 Group\IR Site 25 Group GW Elev Map_NAD83.mxd

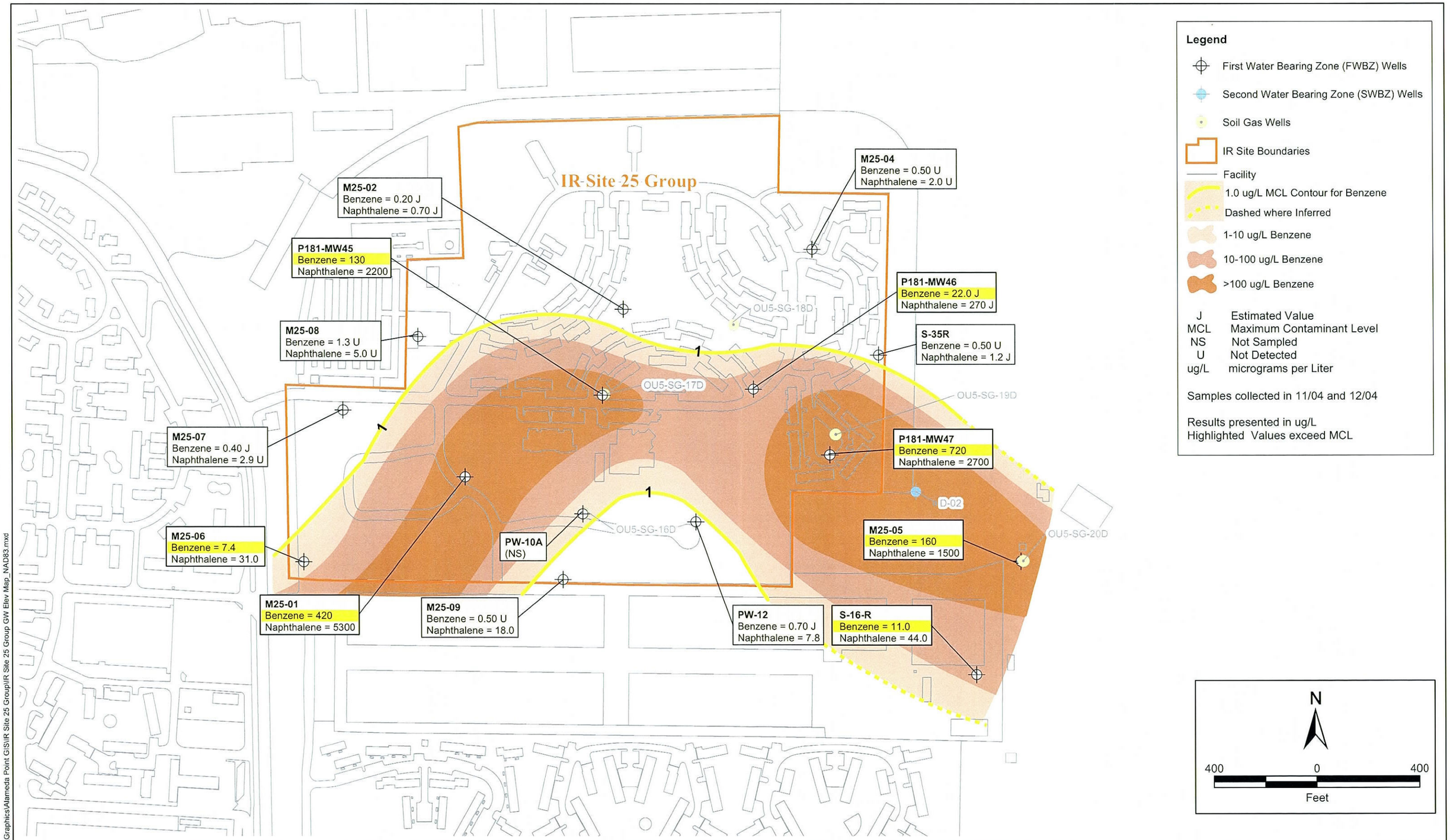

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FIGURE 25-3
IR SITE 25 GROUP
GROUNDWATER DISTRIBUTION OF SELECTED
AROMATIC HYDROCARBONS ABOVE CRITERIA
FALL/WINTER 2004

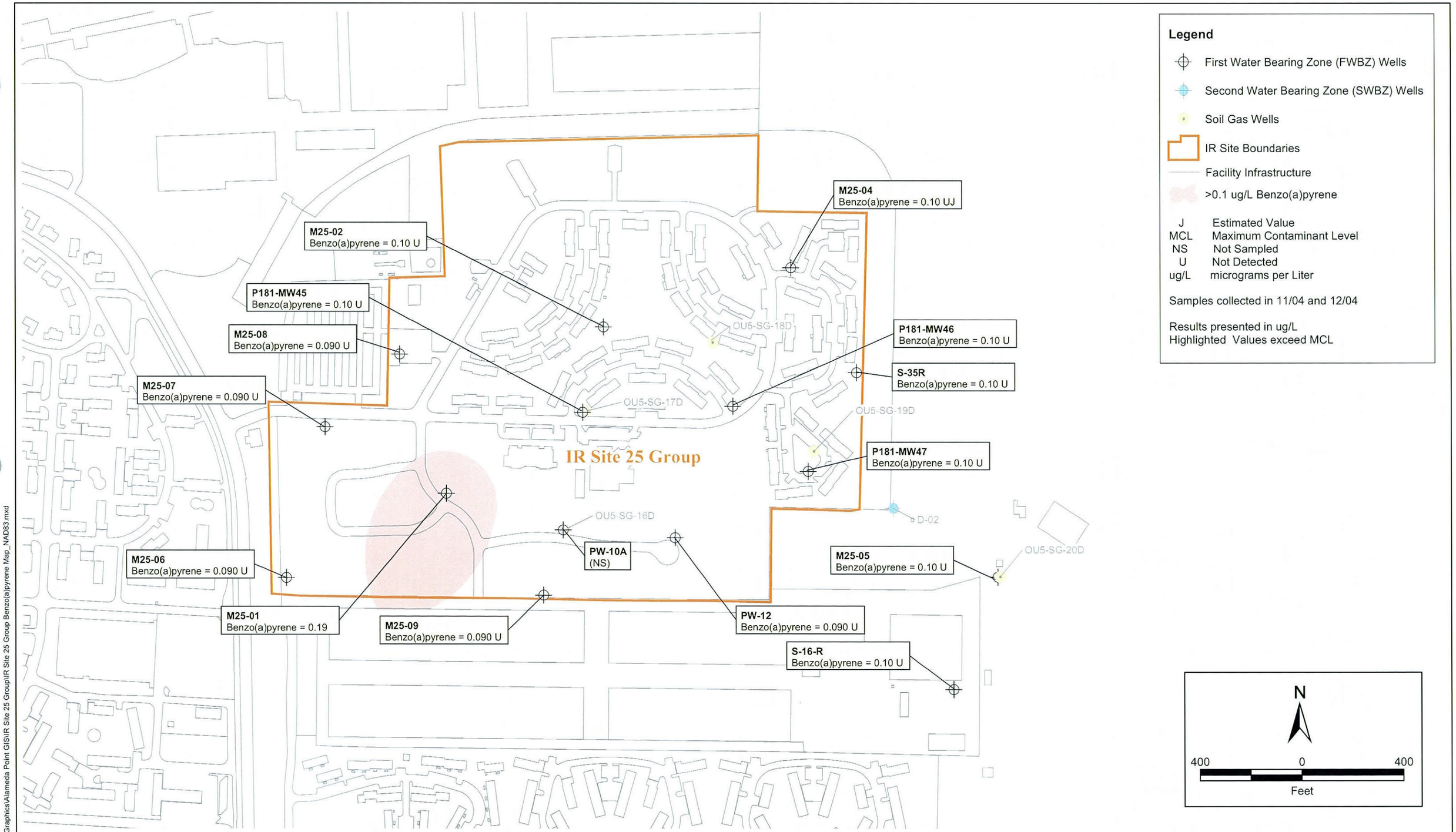

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FIGURE 25-4
IR SITE 25
GROUNDWATER DISTRIBUTION OF
BENZO(A)PYRENE ABOVE CRITERIA
FALL/WINTER 2004

2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Site 25 Group\IR Site 25 Group Benzo(a)pyrene Map_NAD83.mxd

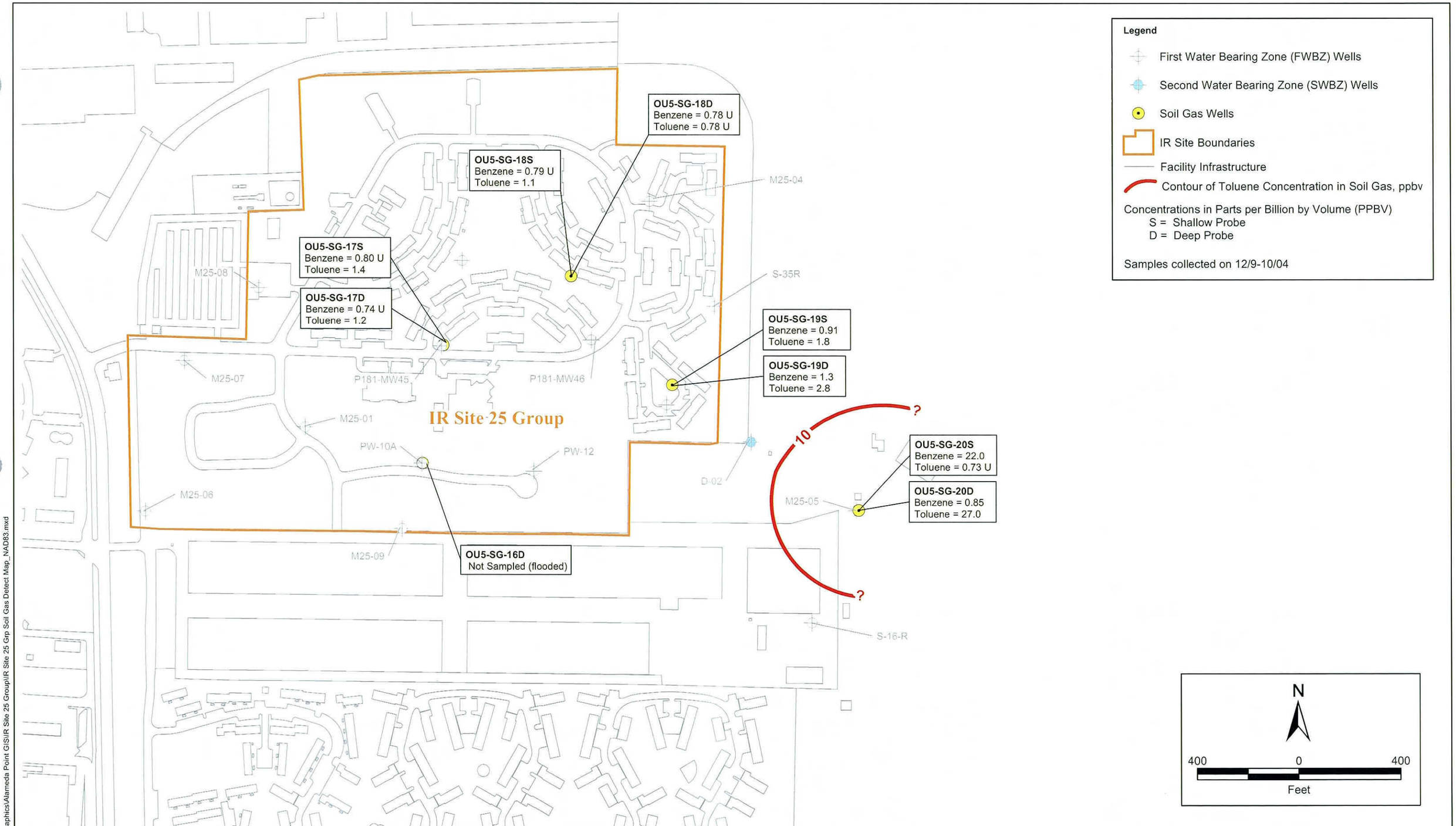

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FIGURE 25-5
IR SITE 25 GROUP
SOIL GAS ANALYTICAL DETECTIONS
FALL/WINTER 2004

2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Site 25 Group\IR Site 25 Grp Soil Gas Detect Map_NAD83.mxd

Appendix A -
Analytical Data with Data Qualifiers and Reason Code Definitions

Site 25 Group
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

Innovative Technical Solutions, Inc.

N00236.003004
ALAMEDA POINT
SSIC NO. 5090.3.A.

ANALYTICAL DATA

THIS RECORD CONTAINS LARGE VOLUMES OF DATA AND IS NOT REQUIRED TO BE PHYSICALLY LOCATED WITH THE ADMINISTRATIVE RECORD DOCUMENT.

DUE TO EXTENSIVE VOLUME, THIS DATA WILL NOT BE IMAGED.

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Site 27

Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

Innovative Technical Solutions, Inc.

Tables

Site 27
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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Table 27-1
Groundwater Monitoring Summary, IR Site 27 - Fall/Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

				Organic Compounds		Inorganic Compounds	Natural Attenuation Parameters				
WATER-BEARING ZONE	SAMPLE LOCATION	GEOLOGICAL UNIT	SCREEN INTERVAL (FT. BGS)	TPH-P as Gasoline (EPA 8015B)	VOCs (EPA 8260B)	Dissolved Metals (EPA 6010B/ 6020A/7470A)	Methane, Ethane, Ethene (RSK SOP 175)	Nitrate, Nitrite, Chloride, Sulfate (EPA9056/300.0)	Alkalinity (EPA 310.1)	Sulfide (EPA 376.2)	Ferrous Iron (Hach 8146)
Groundwater Monitoring Program Wells											
First	15-MW1	Fill-BSU	3.5 - 18.5	X	X	X	X	X	X	X	X
	15-MW2	Fill-BSU	3.3 - 18.3	X	X	X	X	X	X	X	X
	15-MW3	Fill-BSU	2.6 - 17.1	X	X	X	X	X	X	X	X
	27MW06	Fill-BSU	6 - 16	X	X	X	X	X	X	X	
Non-Program Wells, Water Level Only											
First	27MW01	Fill-BSU	6.7 - 16.7	-	-	-	-	-	-	-	-
	27MW02	Fill-BSU	6.6 - 16.6	-	-	-	-	-	-	-	-
	27MW03	Fill-BSU	6.6 - 16.6	-	-	-	-	-	-	-	-
	27MW04	Fill-BSU	6 - 16	-	-	-	-	-	-	-	-
	27MW05	Fill-BSU	6 - 16	-	-	-	-	-	-	-	-
	27MW06	Fill-BSU	6 - 16	-	-	-	-	-	-	-	-
	27MW07	Fill-BSU	6 - 16	-	-	-	-	-	-	-	-
	27MW08	Fill-BSU	6 - 16	-	-	-	-	-	-	-	-

Notes:
X — Well sampled for this parameter during Fall/Winter 2004 event.
\- — Well not in analytical program.

Fill - Artificial Fill
BSU - Bay Sediment Unit
USA - Upper San Antonio Formation
Merritt - Merritt Sand

FT. BGS - Feet below ground surface
TPH - Total Petroleum Hydrocarbons
VOCs - Volatile Organic Compounds
(8260B) - U.S. Environmental Protection Agency analytical method
RSK 175 - R.S. Kerr Laboratory Standard Operating Procedure 175

Table 27-2
Summary of Groundwater Level Measurements at Installation Restoration Site 27
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	15-MW1	11.2	11.02 *	11/08/04	6.72	4.30
		11.2	11.02 *	06/15/04	7.21	3.81
		11.2	11.02 *	03/01/04	7.47	3.55
		11.2	11.02 *	12/03/03	8.21	2.81
		11.2	11.02 *	09/15/03	6.60	4.42
		11.2	11.02 *	06/24/03	7.80	3.22
		11.2	11.02 *	04/09/03	8.46	2.56
		11.2	11.02 *	12/11/02	7.37	3.65
		11.2	11.02 *	09/03/02	6.75	4.27
		11.2	11.02 *	06/19/02	6.57	4.45
First	15-MW2	11.2	10.99 *	11/08/04	6.74	4.25
		11.2	10.99 *	06/15/04	7.10	3.89
		11.2	10.99 *	03/01/04	7.22	3.77
		11.2	10.99 *	12/03/03	8.02	2.97
		11.2	10.99 *	09/15/03	5.52	5.47
		11.2	10.99 *	06/24/03	7.52	3.47
		11.2	10.99 *	04/09/03	8.15	2.84
		11.2	10.99 *	12/11/02	7.23	3.76
		11.2	10.99 *	09/03/02	6.58	4.41
		11.2	10.99 *	06/19/02	6.75	4.24
First	15-MW3	11.6	11.03 *	11/08/04	5.97	5.06
		11.6	11.03 *	06/15/04	6.11	4.92
		11.6	11.03 *	03/01/04	5.55	5.48
		11.6	11.03 *	12/03/03	6.06	4.97
		11.6	11.03 *	09/15/03	6.09	4.94
		11.6	11.03 *	06/24/03	6.05	4.98
		11.6	11.03 *	04/09/03	5.98	5.05
		11.6	11.03 *	12/11/02	6.18	4.85
		11.6	11.03 *	09/03/02	6.16	4.87
		11.6	11.03 *	06/19/02	6.16	4.87
First	15MJ-MW1 ‡	11.1	10.74 *	09/15/03	NM (Abandoned)	NC
		11.1	10.74 *	06/24/03	7.65	3.09
		11.1	10.74 *	04/09/03	7.75	2.99
		11.1	10.74 *	12/11/02	7.13	3.61
		11.1	10.74 *	09/03/02	6.25	4.49
		11.1	10.74 *	06/19/02	6.57	4.17
First	27MW01 ‡	11.6	11.27 ***	11/08/04	5.89	5.38
		11.6	11.27 ***	06/15/04	6.04	5.23
		11.6	11.27 ***	03/02/04	5.86	5.41
First	27MW02 ‡	12.1	11.78 ***	11/08/04	5.97	5.81
		12.1	11.78 ***	06/15/04	NM	NC
		12.1	11.78 ***	03/02/04	5.60	6.18
First	27MW03 ‡	12.2	11.50 ***	11/08/04	6.84	4.66
		12.2	11.50 ***	06/15/04	7.21	4.29
		12.2	11.50 ***	03/02/04	6.35	5.15
First	27MW04 ‡	10.8	10.29 ***	11/08/04	7.05	3.24
		10.8	10.29 ***	06/15/04	6.38	3.91
		10.8	10.29 ***	03/02/04	5.17	5.12

Table 27-2
Summary of Groundwater Level Measurements at Installation Restoration Site 27
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	27MW05 ‡	12.8	12.34 ***	11/08/04	5.89	6.45
		12.8	12.34 ***	06/15/04	5.70	6.64
		12.8	12.34 ***	03/02/04	4.97	7.37
First	27MW06	12.5	11.99 ***	11/08/04	5.62	6.37
		12.5	11.99 ***	06/15/04	5.54	6.45
		12.5	11.99 ***	03/02/04	5.21	6.78
First	27MW07 ‡	12.4	11.82 ***	11/08/04	5.19	6.63
		12.4	11.82 ***	06/15/04	5.02	6.80
		12.4	11.82 ***	03/02/04	4.25	7.57
First	27MW08 ‡	12.9	12.58 ***	11/08/04	5.78	6.80
		12.9	12.58 ***	06/15/04	5.47	7.11
		12.9	12.58 ***	03/02/04	5.00	7.58

Notes:

BTOC = below top of casing

msl = mean sea level

NF = Monitoring well not found

NM = Water level not measured

* = Surveyed to NGVD 29 by Calvada Surveying in September 2002. Subsequently converted to NAVD 88 by Shaw Environmental, Inc. using the Corpscon software.

*** = Surveyed with GPS

‡ = Well used only for water level measurements. Not scheduled for sampling in the monitoring program.

Table 27-3

Groundwater Sample Analytical Results at IR Site 27: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Innovative Technical Solutions, Inc.

Table 27-3

Groundwater Sample Analytical Results at IR Site 27: Total Petroleum Hydrocarbons and Volatile Organic Compounds

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

		TPH	Commonly Detected Aromatic Compounds											Commonly Detected Chlorinated Hydrocarbons								
		TPH-Gasoline	Benzene	Toluene	Ethylbenzene	M,P-xylenes	O-xylene	Naphthalene	Methyl tert-butyl ether (MTBE)	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Tetrachloroethene (PCE)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Vinyl Chloride
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
	MCL:	NA	1.0	150	300	1,750	1,750	NA	13.0	70.0	600	NA	5.0	5.0	5.0	6.0	6.0	10.0	5.0	0.50	200	0.50
	BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
15MJ-MW1	2003 02 (Summer)	< 50.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50
	2003 01 (Spring)	< 50.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2002 04 (Winter)	< 50.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2002 03 (Fall)	< 50.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	2002 02 (Summer)	< 50.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
15-MW1	2004 04 (Winter)	< 50.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	4.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.20 J	< 0.50	1.3	0.30 J	1.1	< 0.50	< 0.50	1.1
	2004 02 (Summer)	< 50.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	1.7	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.0	0.40 J	1.4	< 0.50	< 0.50	3.4
	2004 01 (Spring)	< 50.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	0.71 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.31 J	< 1.0	0.32 J	< 0.50	< 1.0	< 0.50
	2003 04 (Winter)	< 50.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	4.9 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.5	0.65 J	1.3	< 0.50	< 1.0	4.3
	2003 03 (Fall)	< 50.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	4.9 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.5	0.74 J	1.4	< 0.50	< 1.0	8.5
	2003 02 (Summer)	< 50.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	2.5 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.9	0.67 J	1.9	< 0.50	< 1.0	7.8
	2003 01 (Spring)	< 50.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	2.6	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	2.5	0.70	2.6	< 0.50	< 0.50	4.9
	2002 04 (Winter)	< 50.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	2.7	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	2.1	0.60	1.4	< 0.50	< 0.50	11.0
	2002 03 (Fall)	< 50.0	0.10 J	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	2.7	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.6	1.0	2.5	< 0.50	< 0.50	11.0
	2002 02 (Summer)	< 50.0	< 0.50	0.20 J	< 0.50	< 0.50	< 0.50	< 2.0	7.8	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.20 J	< 0.50	3.4	3.3	3.3	< 0.50	< 0.50	16.0
15-MW2	2004 04 (Winter)	< 50.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.90	3.2	< 0.50	2.4	< 0.50	0.60	< 0.50	< 0.50	< 0.50
	2004 02 (Summer)	< 50.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.0	3.0	< 0.50	3.3	< 0.50	0.70	< 0.50	< 0.50	0.10 J
	2004 01 (Spring)	< 50.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	1.4	4.2	< 1.0	3.1	< 1.0	0.81 J	< 0.50	< 1.0	< 0.50
	2003 04 (Winter)	< 50.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0 UJ	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	0.90 J	2.7	< 1.0	4.0	< 1.0	0.65 J	< 0.50	< 1.0	0.32 J
	2003 03 (Fall)	< 50.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	1.5	4.8	< 1.0	5.8	< 1.0	0.98 J	< 0.50	< 1.0	< 0.50
	2003 02 (Summer)	< 50.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	0.99 J	3.0	< 1.0	4.4	< 1.0	0.70 J	< 0.50	< 1.0	< 0.50
	2003 01 (Spring)	< 50.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.1	10.0	0.20 J	12.0	< 0.50	1.4	< 0.50	< 0.50	< 0.50
	2002 04 (Winter)	< 50.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.5	11.0	< 0.50	16.0	0.80	1.3	< 0.50	< 0.50	6.9
	2002 03 (Fall)	40.0 J	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.3	7.1	0.20 J	16.0	0.20 J	1.3	< 0.50	< 0.50	0.50
	2002 02 (Summer)	< 50.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.0	5.6	< 0.50	15.0	< 0.50	1.1	< 0.50	< 0.50	0.50 J
15-MW3	2004 04 (Winter)	37.0 J	0.20 J	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	38.0	0.20 J	0.10 J	< 0.50	< 0.50	< 0.50	3.5	0.20 J	75.0	13.0	1.9	< 0.50	< 0.50	1.2
	2004 02 (Summer)	< 50.0	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	23.0	1.0	0.90	< 0.50	< 0.50	0.20 J	3.8	0.20 J	47.0	8.6	1.3	< 0.50	< 0.50	1.9
	2004 01 (Spring)	< 50.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	2.1 J	0.69 J	0.82 J	< 1.0	< 1.0	< 1.0	5.8	< 1.0	21.0	3.0	0.73 J	< 0.50	< 1.0	2.4
	2003 04 (Winter)	< 50.0	0.31 J	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	0.71 J	1.0	0.83 J	< 1.0	< 1.0	< 1.0	5.1	0.29 J	100	17.0	1.9	< 0.50	< 1.0	1.5
	2003 03 (Fall)	< 50.0	0.36 J	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	0.85 J	1.6	1.5	< 1.0	< 1.0	< 1.0	4.7	0.30 J	78.0	18.0	2.1	< 0.50	< 1.0	3.1
	2003 02 (Summer)	< 50.0	0.38 J	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	0.47 J	2.2	1.9	< 1.0	< 1.0	< 1.0	3.8	< 1.0	56.0	9.9	1.7	< 0.50	< 1.0	2.6
	2003 01 (Spring)	< 54.0	0.40 J	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	0.40 J	1.5	1.4	< 0.50	< 0.50	0.20 J	5.7	0.20 J	36.0	5.1	1.5	< 0.50	< 0.50	< 0.50
	2002 04 (Winter)	< 50.0	0.30 J	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	0.50 J	1.1	0.80	< 0.50	< 0.50	< 0.50 J	8.3	0.30 J	54.0	11.0	1.7	< 0.50	< 0.50	3.6
	2002 03 (Fall)	46.0 J	0.50 J	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.70	1.4	0.80	< 0.50	< 0.50	< 0.50	6.0	0.30 J	85.0	17.0	2.2	< 0.50	< 0.50	3.2
	2002 02 (Summer)	< 54.0	0.40 J	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	1.4	1.0	< 0.50	< 0.50	< 0.50	6.0	0.40 J	73.0	15.0	2.1	< 0.50	< 0.50	1.7
27MW06	2004 04 (Winter)	< 50.0	0.10 J	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	0.40 J	1.6	< 0.50	0.20 J	< 0.50	2.9	< 0.50	12.0	0.80	0.30 J	< 0.50	< 0.50	7.0
	2004 02 (Summer)	< 50.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	0.30 J	1.0	< 0.50	< 0.50	< 0.50	2.4	< 0.50	9.2 J	0.70	< 0.50	< 0.50	< 0.50	8.7
	2004 01 (Spring)	< 50.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	0.33 J	1.3	< 1.0	< 1.0	< 1.0	2.4	< 1.0	8.0	0.69 J	0.25 J	< 0.50	< 1.0	14.0

FWBZ

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Table 27-4

Groundwater Sample Analytical Results at IR Site 27: Dissolved Metals

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

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Table 27-4
Groundwater Sample Analytical Results at IR Site 27: Dissolved Metals
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																		Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
Well Number	Event	AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
15MJ-MW1	2003 02 (Summer)		< 50.0	< 50.0	29.4 J	< 4.0	0.86 J	< 10.0	< 10.0	2.7 J	< 10.0	< 10.0	-	10.6 J	2.3 J	< 20.0	< 10.0	< 50.0	< 50.0	< 20.0	< 200	< 100	341	1,060	371 J	7,290 J
	2002 04 (Winter)		0.33 J	< 5.0	25.0	< 2.0	< 5.0	1.1 J	1.1 J	4.9 J	< 3.0	0.099 J	< 0.20	7.8 J	< 20.0 UJ	< 5.0 UJ	< 5.0	< 2.0	1.2 J	< 20.0	5.6 J	1,100	320	1,000	320	10,000
	2002 02 (Summer)		< 50.0	< 5.0	31.0	< 2.0	< 5.0	1.9 J	< 10.0	7.1 J	< 3.0	2.7 J	< 0.20	< 20.0	5.0 J	< 5.0	< 5.0	< 2.0	2.9 J	< 20.0	< 100	770	360	1,100	310	7,800
15-MW1	2004 04 (Winter)		0.11 J	< 5.0	180	< 2.0	< 5.0	4.7 J	0.41 J	< 10.0	80.0 J	24.0	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 5.0	4.2 J	< 20.0	< 100	< 100	110	330	92.0	2,600
	2004 02 (Summer)		0.16 J	4.7 J	160	< 1.0	< 5.0	1.4 J	0.39 J	2.0	0.095 J	190	0.11 J	3.4 J	3.5	< 5.0	< 1.0	< 5.0	4.8 J	< 1.0	< 50.0	250	80.0	220	60.0	2,200
	2003 04 (Winter)		< 5.0	< 50.0	226	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	239	< 0.40	11.3 J	< 20.0	< 20.0	< 10.0	< 10.0	< 50.0	< 20.0	< 200	< 100	89.1 J	185	45.9	1,840
	2003 02 (Summer)		< 50.0	< 50.0	113 J	< 4.0	< 5.0	1.2 J	< 10.0	3.1 J	< 10.0	60.0 J	-	7.8 J	5.4 J	< 20.0	< 10.0	< 50.0	6.3 J	2.3 J	< 200	< 100	59.8	133	78.0 J	1,000 J
	2002 04 (Winter)		0.13 J	7.1	320	< 2.0	< 5.0	1.2 J	0.51 J	1.5 J	< 3.0	200	< 0.20	3.5 J	< 20.0 UJ	8.8 J	< 5.0	< 2.0	2.5 J	< 20.0	4.7 J	400	95.0	200	44.0	1,700
	2002 02 (Summer)		< 50.0	5.3	82.0	< 2.0	< 5.0	3.7 J	< 10.0	0.92 J	< 3.0	120	0.080 J	< 20.0	3.8 J	3.6 J	< 5.0	< 2.0	4.2 J	0.54 J	< 100	75.0 J	31.0	49.0	15.0	740
15-MW2	2004 04 (Winter)		0.17 J	< 5.0	140	< 2.0	< 5.0	< 10.0	0.52 J	< 10.0	81.0 J	< 10.0	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 5.0	< 10.0	< 20.0	< 100	< 100	170	450	130	3,300
	2004 02 (Summer)		0.11 J	< 5.0	72.0	< 1.0	< 5.0	0.62 J	0.20 J	1.1	0.072 J	< 10.0	< 0.20	0.50 J	8.5	< 5.0	< 1.0	< 5.0	3.3 J	< 1.0	< 50.0	290	97.0	300	93.0	2,400
	2003 04 (Winter)		< 5.0	< 50.0	153	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	5.4 J	< 0.40	11.3 J	< 20.0	< 20.0	< 10.0	< 10.0	< 50.0	< 20.0	< 200	< 100	125 J	342	119	3,070
	2003 02 (Summer)		< 50.0	< 50.0	92.2 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	-	< 50.0	11.1 J	< 20.0	< 10.0	< 50.0	1.7 J	< 20.0	< 200	< 100	119	326	91.0 J	1,670 J
	2002 04 (Winter)		0.097 J	5.3	180	< 2.0	< 5.0	0.51 J	0.33 J	2.3 J	< 3.0	2.0 J	0.11 J	< 20.0	< 20.0 UJ	11.0 J	< 5.0	< 2.0	5.1 J	< 20.0	4.8 J	410	120	310	95.0	2,300
	2002 02 (Summer)		< 50.0	5.7	370	< 2.0	< 5.0	2.0 J	< 10.0	1.7 J	< 3.0	5.8 J	< 0.20	< 20.0	7.2 J	11.0	< 5.0	< 2.0	4.6 J	< 20.0	< 100	280	120	280	76.0	1,800
15-MW3	2004 04 (Winter)		0.096 J	16.0	75.0	< 2.0	< 5.0	5.8 J	0.42 J	2.7 J	< 3.0	460	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 5.0	3.8 J	12.0 J	< 100	230	89.0	23.0	15.0	210
	2004 02 (Summer)		0.20 J	19.0	49.0	< 1.0	< 5.0	1.5 J	0.34 J	2.8	0.19 J	260	< 0.20	2.7 J	3.7	< 5.0	< 1.0	< 5.0	2.0 J	25.0	< 50.0	370	49.0	15.0	13.0	250
	2003 04 (Winter)		< 5.0	23.9 J	70.6 J	< 4.0	< 5.0	< 10.0	< 10.0	< 10.0	< 10.0	367	< 0.40	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	< 50.0	< 20.0	< 200	140	51.8 J	18.9	16.7	297
	2003 02 (Summer)		< 50.0	22.6 J	71.5 J	< 4.0	< 5.0	3.3 J	< 10.0	1.4 J	< 10.0	329 J	-	< 50.0	< 20.0	< 20.0	< 10.0	< 5.0	5.9 J	12.0 J	< 200	233 J	45.2	17.0	21.4 J	290 J
	2002 04 (Winter)		0.12 J	18.0	78.0	< 2.0	< 5.0	2.2 J	0.59 J	1.3 J	< 3.0	410	< 0.20	2.9 J	< 20.0 UJ	< 5.0 UJ	< 5.0	< 2.2	3.4 J	0.59 J	6.4 J	230	49.0	17.0	15.0	250
	2002 02 (Summer)		< 50.0	20.0	85.0	< 2.0	< 5.0	4.1 J	< 10.0	1.4 J	< 3.0	290	< 0.20	< 20.0	3.6 J	< 5.0	< 5.0	< 2.0	6.3 J	8.0 J	4.6 J	120	34.0	12.0	13.0	260
27MW06	2004 04 (Winter)		0.18 J	6.3	31.0	< 2.0	< 5.0	3.9 J	< 1.0	< 10.0	< 3.0	71.0	< 0.20	< 20.0	< 20.0	< 5.0	< 5.0	< 5.0	< 10.0	< 20.0	< 100	< 100	22.0	14.0	7.9	150
	2004 02 (Summer)		0.18 J	4.7	29.0	< 1.0	< 1.0	1.9	< 1.0	0.39 J	0.10 J	80.0	< 0.20	2.2 J	< 20.0	< 1.0	< 1.0	< 1.0	2.5 J	2.6	4.0 J	< 100	22.0 J	14.0	7.5	120

FWBZ

Table 27-5
Groundwater Sampling Field Parameters at Installation Restoration Site 27
Summer 2002 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	15-MW1	12/03/04	7.07	0.24	244
		07/01/04	7.19	0.54	-94
		03/03/04	7.03	4.35	187
		12/05/03	7.38	0.18	3.0
		09/23/03	7.46	0.15	-162
		07/03/03	7.55	0.46	212
		04/17/03	7.75	1.20	248
		12/17/02	8.05	0.00	42
		09/06/02	7.44	3.90	216
		06/19/02	7.84	1.83	253.7
First	15-MW2	12/03/04	6.47	3.99	217
		07/01/04	6.63	3.66	0.0
		03/04/04	6.69	4.20	200
		12/05/03	6.89	0.47	79
		09/23/03	6.78	2.61	-131
		07/03/03	6.83	3.43	285
		04/16/03	6.92	1.91	229
		12/17/02	7.73	0.11	44
		09/05/02	6.75	***22.90***	***985***
		06/19/02	6.82	2.30	230
First	15-MW3	12/03/04	6.67	0.15	134
		07/01/04	7.03	0.30	-131
		03/03/04	7.02	0.59	176
		12/05/03	7.22	0.19	-23
		09/29/03	7.25	0.16	-21
		07/03/03	7.57	0.17	111
		04/16/03	7.66	0.21	209
		12/17/02	6.91	2.10	1.5
		09/05/02	7.39	1.50	-325
		06/19/02	7.54	0.85	59.1
First	27MW06	12/03/04	7.32	2.74	198
		07/06/04	7.15	3.15	19
		03/03/04	7.46	2.56	207

Notes:
Field parameters are measured during well purging, just prior to collection of the groundwater sample.
mg/L = milligrams per liter
ORP = oxidation-reduction potential
mV = millivolts

Italicized results are outside expected range for parameter. Natural groundwater has the following expected ranges:
pH: between 6 and 8.5 standard units
DO: below approximately 9 mg/L
ORP: between approximately 600 and -400 mV

Table 27-6

Groundwater Sample Analytical Results at IR Site 27: Natural Attenuation Parameters

Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

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Groundwater Sample Analytical Results at IR Site 27: Natural Attenuation Parameters
Summer 2002 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Dissolved Gases			Anions				Alkalinity				Sulfide
			Ethane	Ethene	Methane	Nitrate	Nitrite	Chloride	Sulfate (as SO4)	Alkalinity	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity, hydroxide	Sulfide
		Units:	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BV:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	15MJ-MW1	2003 02 (Summer)	< 0.0030	< 0.0030	< 0.0030	-	-	15,400	1,890	104	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	< 0.010	< 1.0	< 1.0	15,000	2,000	130	130	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	< 0.50 J	< 0.50	15,000	2,300	110	110	< 1.0	< 1.0	< 0.040
	15-MW1	2004 04 (Winter)	< 0.0050	< 0.0050	0.020	< 0.50	< 0.50	4,700	630	400	400	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	0.14	0.31	< 0.50	3,300	420	440	440	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.065	0.27	< 1.0	2,220	315	478	478	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.090	0.86 J	-	1,730	193	509	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	0.064	< 0.25	< 0.25	2,800	350	460	460	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	0.050 J	< 0.050	910	110	610	610	< 1.0	< 1.0	< 0.040
	15-MW2	2004 04 (Winter)	< 0.0050	< 0.0050	< 0.0050	< 0.50	< 1.0	5,700	860	160	160	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	< 0.010	< 0.25	< 0.50	4,300	590	180	180	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.018	3.6	< 1.0	4,530	628	197	197	< 5.0	-	< 1.0
		2003 02 (Summer)	< 0.0030	< 0.0030	0.0038	< 0.20 UJ	-	4,830	588	199	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	0.11	< 0.25	< 0.25	3,900	540	210	210	< 1.0	< 1.0	0.23
		2002 02 (Summer)	< 0.010	< 0.010	< 0.010	< 0.25	< 0.25	3,800	570	200	200	< 1.0	< 1.0	< 0.040
	15-MW3	2004 04 (Winter)	< 0.0050	< 0.0050	0.19	< 0.050	< 0.050	70.0	110	530	530	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	0.17	0.37	< 0.050	57.0	87.0	530	530	< 1.0	< 1.0	< 0.040
		2003 04 (Winter)	< 0.0030	< 0.0030	0.16	< 0.20	< 0.20	79.6 J	81.8	551	551	< 5.0	-	< 1.0
		2003 02 (Summer)	0.0011 J	< 0.0030	0.18	0.13 J	< 0.20	83.4	72.9	511	-	-	-	< 1.0
		2002 04 (Winter)	< 0.010	< 0.010	0.11	< 0.050	< 0.050	70.0	91.0	490	490	< 1.0	< 1.0	< 0.040
		2002 02 (Summer)	< 0.010	< 0.010	0.21	< 0.050	< 0.050	68.0	95.0	530	530	< 1.0	< 1.0	< 0.040
	27MW06	2004 04 (Winter)	< 0.0050	< 0.0050	0.15	0.52	< 0.050	130	39.0	210	210	< 1.0	< 1.0	< 0.040
		2004 02 (Summer)	< 0.010	< 0.010	0.15	0.45	< 0.050	110	33.0	230	230	< 1.0	< 1.0	< 0.040

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General Table Footnotes
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Acronyms and abbreviations

AWQC: Saltwater Ambient Water Quality Criteria, (U.S. EPA, 2002)
BV: Background value (Tetra Tech Environmental Management, Inc., November, 2001)
FWBZ: First Water-Bearing Zone
IR Site: Installation Restoration Site
MCL: California maximum contaminant level (U.S. EPA and California Department of Health Services, June 2003)
MTBE: Methyl tert-butyl ether
NA: Not available (applicable to regulatory limits or background values)
PAH: Polycyclic Aromatic Hydrocarbons
PCE: Tetrachloroethene
Ra: Radium
SO_4: Sulfate
Sr: Strontium
SVOC: Semivolatile Organic Compounds
SWBZ: Second Water-Bearing Zone
TCE: Trichloroethene
TDS: Total Dissolved Solids
TPH: Total Petroleum Hydrocarbons
VOC: Volatile Organic Compounds
-: compound not analyzed

Units

µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: pico curies per liter
PPBV: parts per billion by volume

Validation Qualifiers

J: Estimated value.
U: Not detected at or above the indicated reporting limit.
UJ: Not detected at or above the indicated reporting limit. The reporting limit is an estimate.
R: The analyte is rejected due to deficiencies in the ability to analyze the sample and meet QC criteria.
UR: The analyte was not detected. The analyte is rejected due to deficiencies in the ability to analyze the sample and meet QC criteria.

Notes

Detected values are bolded.
Detected values greater than the MCL are shown in yellow highlighting
Detected values greater than the BV are shown in blue highlighting
Detected values greater than the both the BV and the MCL are shown in pink highlighting
Total TPH (calculated) is the sum of all reported TPH results. Where all TPH results are less than reporting limits, the Total TPH value is represented by the highest reporting limit.

Figures

Site 27
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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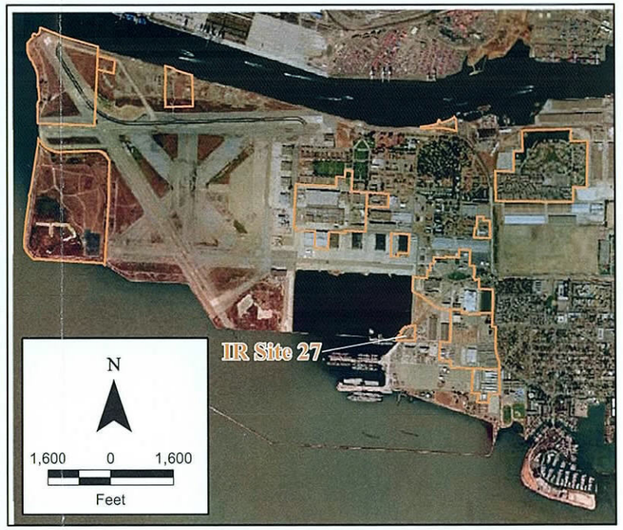

Legend

- First Water Bearing Zone (FWBZ) Wells
- IR Site Boundary
- Facility

N

200 0 200

Feet

2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Site 27\IR Site 27 Location Map_NAD83.mxd

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ALAMEDA POINT, ALAMEDA, CALIFORNIA

FIGURE 27-1
IR SITE 27
SITE AND WELL LOCATION MAP

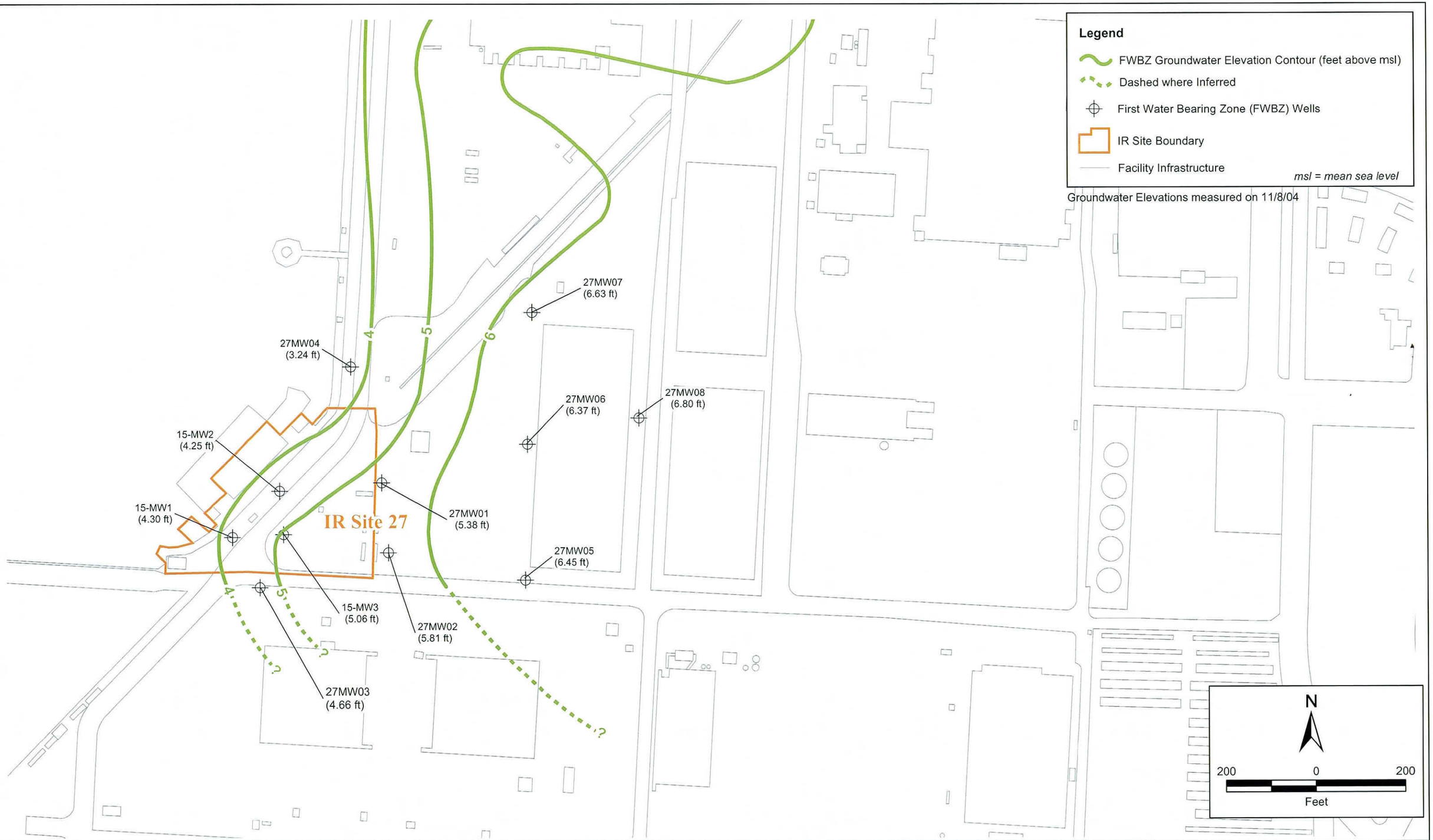

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FIGURE 27-2
IR SITE 27
GROUNDWATER ELEVATION MAP
FALL/WINTER 2004

2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Site 27\IR Site 27 GW Elev Map_NAD83.mxd

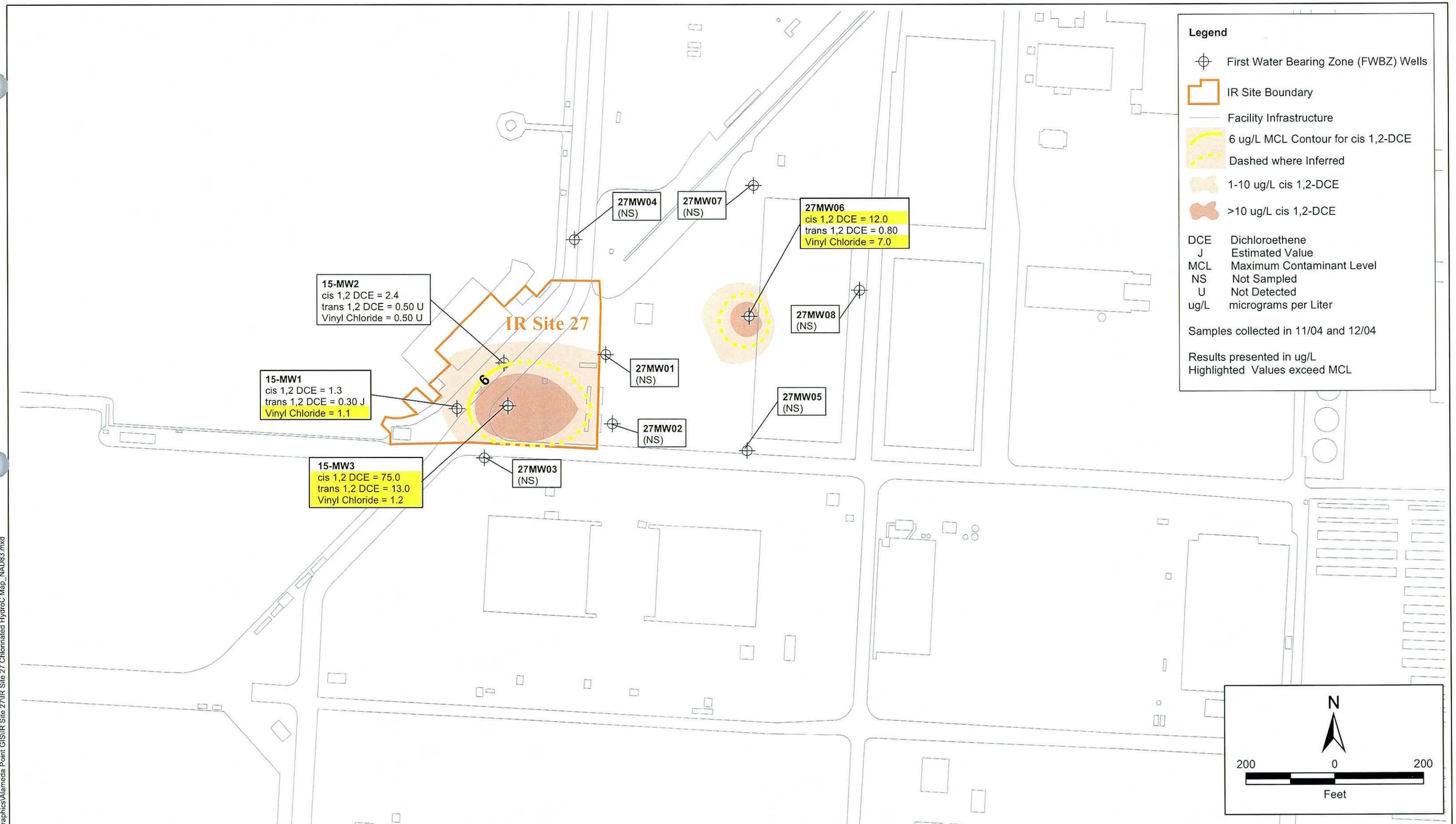

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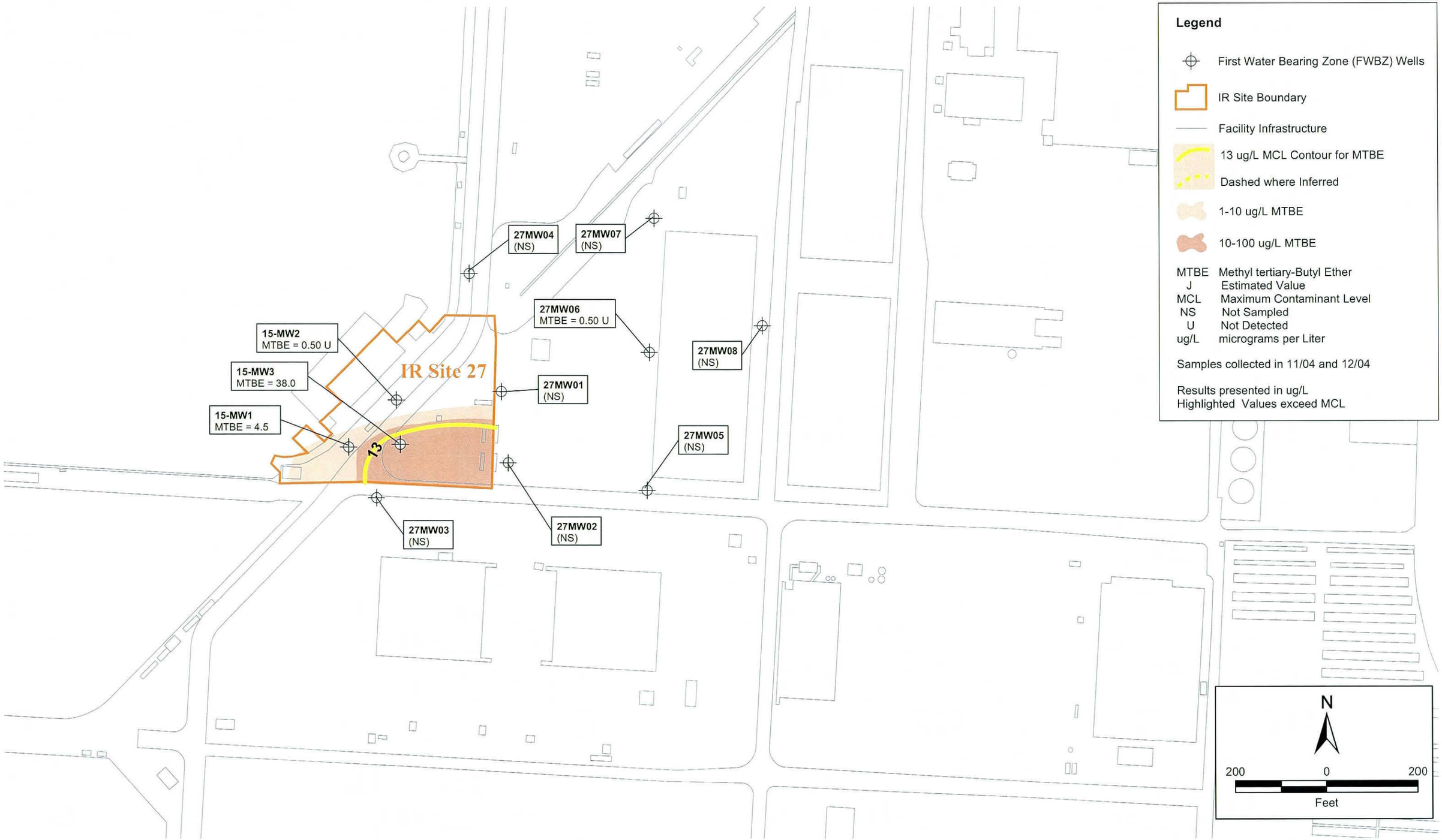
FIGURE 27-3
IR SITE 27
GROUNDWATER DISTRIBUTION OF SELECTED
CHLORINATED HYDROCARBONS ABOVE CRITERIA
FALL/WINTER 2004

2002 Projects\02...Graphics\Alameda Point GIS\IR Site 27\IR Site 27 Chlorinated HydroC Map_NAD83.mxd



2002 Projects\02 Graphics\Alameda Point GIS\IR Site 27\IR Site 27 MTBE Map_NAD83.mxd

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FIGURE 27-4
IR SITE 27
GROUNDWATER DISTRIBUTION OF
MTBE CONCENTRATIONS ABOVE CRITERIA
FALL/WINTER 2004

Appendix A -
Analytical Data with Data Qualifiers and Reason Code Definitions

Site 27
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

Innovative Technical Solutions, Inc.

N00236.003004
ALAMEDA POINT
SSIC NO. 5090.3.A.

ANALYTICAL DATA

THIS RECORD CONTAINS LARGE VOLUMES OF DATA AND IS NOT REQUIRED TO BE PHYSICALLY LOCATED WITH THE ADMINISTRATIVE RECORD DOCUMENT.

DUE TO EXTENSIVE VOLUME, THIS DATA WILL NOT BE IMAGED.

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Site 28

Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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Tables

Site 28
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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Table 28-1
Groundwater Monitoring Summary, IR Site 28 - Fall/Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

WATER-BEARING ZONE	SAMPLE LOCATION	GEOLOGICAL UNIT	SCREEN INTERVAL (FT. BGS)	Inorganic Compounds		
				Dissolved Metals (EPA 6010B/ 6020A/7470A)	Hexavalent Chromium (EPA 7196A)	TDS (EPA Method 160.1)
Groundwater Monitoring Program Wells						
First	28SW01	Fill-BSU	6 -16	X	X	X
	28SW02	Fill-BSU	6.2 -16.3	X	X	X
	28SW03	Fill-BSU	6.2 -16.2	X	X	X
	28SW04	Fill-BSU	5.4 -15.7	X	X	X

Notes: X Well sampled for this parameter during Fall/Winter 2004 event.

Fill - Artificial Fill
BSU - Bay Sediment Unit
FT. BGS - Feet below ground surface
EPA 7196A - U.S. Environmental Protection Agency analytical method
TDS - Total Dissolved Solids
SOP 175 - U.S. Navy Laboratory Standard Operating Procedure 175

Table 28-2
Summary of Groundwater Level Measurements at Installation Restoration Site 28
Summer 2004 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Water level Measurement Date	Depth to Water (feet BTOC)	Groundwater Elevation (feet msl)
First	28SW01	9.18	10.67	11/09/04	4.53	6.14
		9.18	10.67	06/17/04	4.64	6.03
First	28SW02	10.93	10.86	11/09/04	6.99	3.87
		10.93	10.86	06/17/04	7.51	3.35
First	28SW03	10.98	10.42	11/09/04	7.12	3.30
		10.98	10.42	06/17/04	7.93	2.49
First	28SW04	10.96	11.08	11/09/04	6.34	4.74
		10.96	11.08	06/17/04	6.61	4.47

Notes:
BTOC = below top of casing
msl = mean sea level

N00236.003004
ALAMEDA POINT
SSIC NO. 5090.3.A.

ANALYTICAL DATA

THIS RECORD CONTAINS LARGE VOLUMES OF DATA AND IS NOT REQUIRED TO BE PHYSICALLY LOCATED WITH THE ADMINISTRATIVE RECORD DOCUMENT.

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Table 28-3

Groundwater Sample Analytical Results at IR Site 28: Dissolved Metals

Summer 2004 through Winter 2004

Basewide Groundwater Monitoring Program, Alameda Point,
Alameda, California

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Table 28-3
Groundwater Sample Analytical Results at IR Site 28: Dissolved Metals
Summer 2004 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Metals of Potential Concern																			Common Rock-forming Elements					
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Hexavalent Chromium	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Aluminum	Iron	Calcium	Magnesium	Potassium	Sodium
		Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L
		MCL:	6.0	50.0	1,000	4.0	5.0	50.0	NA	1,300	50.0	15.0	NA	2.0	NA	100	50.0	NA	2.0	NA	NA	1,000	NA	NA	NA	NA	NA
		BV:	45.8	28.4	575	3.8	5.4	13.8	11.6	27.5	NA	3.9	5,213	0.15	11.5	19.1	6.0	3.3	5.8	28.7	42.9	439	7,135	380	500	182	4,500
	Well Number	Event AWQC:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FWBZ	28SW01	2004 04 (Winter)	1.2	18.0	48.0	< 2.0	< 5.0	< 10.0	0.76 J	3.3 J	< 10.0	< 3.0	< 10.0	0.053 J	9.1 J	< 20.0	< 5.0	< 5.0	< 5.0	19.0	14.0 J	< 100	< 100	320	920	310	8,500
		2004 02 (Summer)	1.5	6.2	57.0	< 2.0	< 5.0	< 10.0	0.86 J	41.0	< 10.0	0.58 J	< 10.0	0.078 J	< 20.0	< 20.0	< 1.0	< 5.0	< 1.0	22.0	< 20.0	< 50.0	< 100	370	1,100	370	8,700
	28SW02	2004 04 (Winter)	1.0	8.6	280	< 2.0	< 5.0	6.6 J	0.95 J	3.8 J	< 10.0	< 3.0	470	0.13 J	3.0 J	6.0 J	< 5.0	< 5.0	< 5.0	26.0	7.1 J	< 100	340	250	890	260	8,000
		2004 02 (Summer)	0.38 J	< 1.0	210	< 1.0	< 5.0	8.2	0.99 J	5.2	< 10.0	0.57 J	470	0.052 J	< 20.0	6.6	< 1.0	< 5.0	< 1.0	18.0	< 1.0	< 50.0	410	230	900	240	6,900
	28SW03	2004 04 (Winter)	2.4	6.9	97.0	< 2.0	0.71 J	< 10.0	0.79 J	130	< 10.0	< 3.0	< 10.0	0.21	11.0 J	130	< 5.0	< 5.0	< 5.0	98.0	210	< 100	< 100	240	850	270	7,800
		2004 02 (Summer)	3.9	< 1.0	90.0	< 1.0	< 5.0	5.0	1.0	93.0	< 10.0	0.83 J	< 10.0	0.11 J	14.0 J	120	< 1.0	< 5.0	< 1.0	120	89.0	< 50.0	< 100	260	980	280	7,100
	28SW04	2004 04 (Winter)	0.35 J	280	160	< 2.0	< 5.0	4.9 J	6.0	< 10.0	< 10.0	< 3.0	12,000	< 0.20	7.2 J	9.6 J	< 5.0	< 5.0	< 5.0	4.0 J	9.1 J	< 100	1,500	150	120	13.0	500
		2004 02 (Summer)	0.73 J	420	180	< 2.0	< 5.0	3.2 J	4.1	< 10.0	< 10.0	0.31 J	12,000	0.064 J	8.6 J	9.8 J	3.3 J	< 5.0	< 1.0	< 10.0	36.0	< 50.0	970	160	120	14.0	540

Table 28-4
Groundwater Sampling Field Parameters at Installation Restoration Site 28
Fall/Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Water-Bearing Zone	Well Name	Measurement Date	pH	Dissolved Oxygen (mg/L)	ORP (mV)
First	28SW01	11/29/04	7.04	2.33	180
First	28SW02	11/29/04	7.67	0.16	51
First	28SW03	11/29/04	7.83	0.16	180
First	28SW04	11/29/04	6.95	0.10	101

Notes:

Field parameters are measured during well purging, just prior to collection of the groundwater sample.

mg/L = milligrams per liter

ORP = oxidation-reduction potential

mV = millivolts

Italicized results are outside expected range for parameter. Natural groundwater has the following expected ranges:

pH: between 6 and 8.5 standard units

DO: below approximately 9 mg/L

ORP: between approximately 600 and -400 mV

Table 28-5
Groundwater Sample Analytical Results at IR Site 28: Total Dissolved Solids
Summer 2004 through Winter 2004
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

			Total Dissolved Solids
		Units:	MG/L
		MCL:	NA
		BV:	NA
	Well Number	**Event** *AWQC:*	NA
FWBZ	28W01	2004 04 (Winter)	**27,600**
		2004 02 (Summer)	**27,800**
	28W02	2004 04 (Winter)	**40,700**
		2004 02 (Summer)	**22,000**
	28W03	2004 04 (Winter)	**26,600**
		2004 02 (Summer)	**22,100**
	28W04	2004 04 (Winter)	**2,240**
		2004 02 (Summer)	**2,030**

General Table Footnotes
Basewide Groundwater Monitoring Program, Alameda Point, Alameda, California

Acronyms and abbreviations

AWQC: Saltwater Ambient Water Quality Criteria, (U.S. EPA, 2002)
BV: Background value (Tetra Tech Environmental Management, Inc., November, 2001)
FWBZ: First Water-Bearing Zone
IR Site: Installation Restoration Site
MCL: California maximum contaminant level (U.S. EPA and California Department of Health Services, June 2003)
MTBE: Methyl tert-butyl ether
NA: Not available (applicable to regulatory limits or background values)
PAH: Polycyclic Aromatic Hydrocarbons
PCE: Tetrachloroethene
Ra: Radium
SO_4: Sulfate
Sr: Strontium
SVOC: Semivolatile Organic Compounds
SWBZ: Second Water-Bearing Zone
TCE: Trichloroethene
TDS: Total Dissolved Solids
TPH: Total Petroleum Hydrocarbons
VOC: Volatile Organic Compounds
-: compound not analyzed

Units

µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: pico curies per liter
PPBV: parts per billion by volume

Validation Qualifiers

J: Estimated value.
U: Not detected at or above the indicated reporting limit.
UJ: Not detected at or above the indicated reporting limit. The reporting limit is an estimate.
R: The analyte is rejected due to deficiencies in the ability to analyze the sample and meet QC criteria.
UR: The analyte was not detected. The analyte is rejected due to deficiencies in the ability to analyze the sample and meet QC criteria.

Notes

Detected values are bolded.
Detected values greater than the MCL are shown in yellow highlighting
Detected values greater than the BV are shown in blue highlighting
Detected values greater than the both the BV and the MCL are shown in pink highlighting
Total TPH (calculated) is the sum of all reported TPH results. Where all TPH results are less than reporting limits, the Total TPH value is represented by the highest reporting limit.

Figures

Site 28
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

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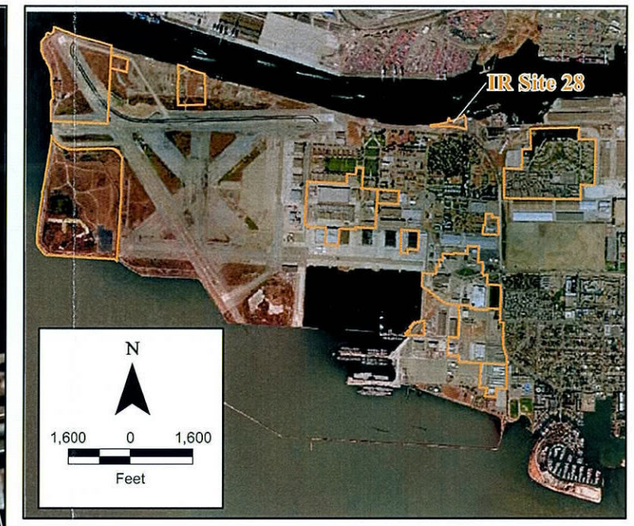

Legend

- First Water Bearing Zone (FWBZ) Wells
- IR Site Boundary
- Facility

N

200 0 200

Feet

2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Site 28\IR Site 28 Location Map_NAD83.mxd

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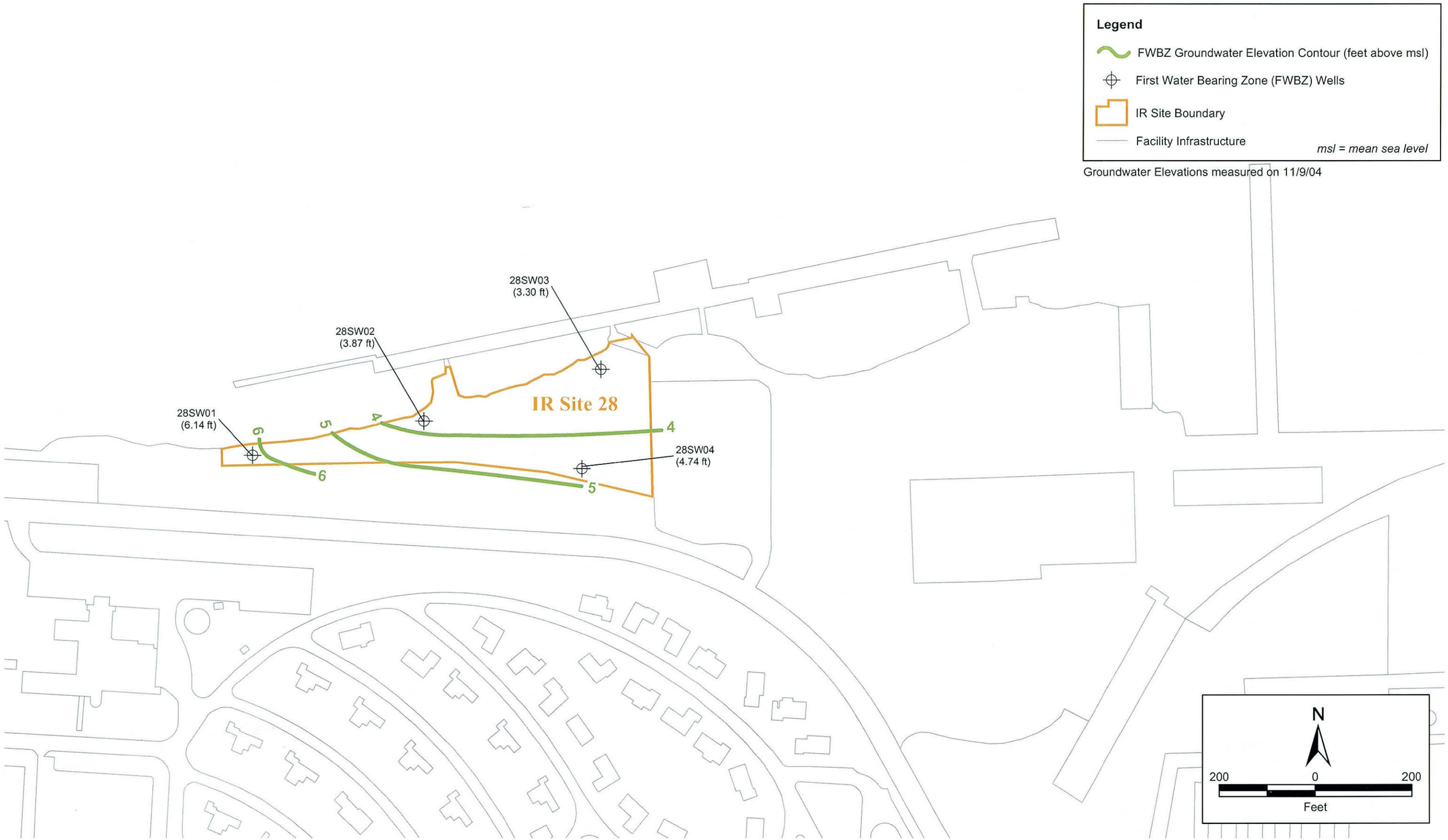
PROGRAM MANAGEMENT OFFICE WEST
SAN DIEGO, CALIFORNIA
ALAMEDA POINT, ALAMEDA, CALIFORNIA

FIGURE 28-1
IR SITE 28
SITE AND WELL LOCATION MAP



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SAN DIEGO, CALIFORNIA
ALAMEDA POINT, ALAMEDA, CALIFORNIA

FIGURE 28-2
IR SITE 28
GROUNDWATER ELEVATION MAP
FALL/WINTER 2004

2002 Projects\02-125.11\Graphics\Alameda Point GIS\IR Site 28\IR Site 28 Location Map_NAD83.mxd

Appendix A -
Analytical Data with Data Qualifiers and Reason Code Definitions

Site 28
Basewide Groundwater Monitoring Program
Alameda Point, Alameda, CA

Innovative Technical Solutions, Inc.

N60701.003004
ALAMEDA POINT
SSIC NO. 5090.3.A.

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