TABLE 4.1

SUMMARY OF WELL CONSTRUCTION DETAILS
FORMER ILM FACILITY & BRC PROPERTY
LOCKHEED MARTIN CORPORATION
TORRANCE, CALIFORNIA
(Continued)

WELL ID	COMPLETION DATE	DRILLING METHOD	WELL INFORMATION														
			Borehole Diameter (inches O.D.)	Well Casing Diameter & Type	Measuring Point Evaluation (feet msl)	Borehole Depth (feet bgs)	Well Depth (feet)	Slotted Interval	Formation Slotted	Slot Size & Type (inches)	Filter Pack Material	Filter Pack Thickness (feet)	Seal Type	Seal Thickness (feet)	Pump System (dedicated/ nondedicated)	Type of Pump	Recent Depth to Water (feet bgs) [date]
P-13 (well abandoned 10/97)	11-17-95	HSA	10	4" Sch. 40, PVC	59.97	84	82	62-82	Lower Sand Unit	0.020	Lonestar #2/16 Sand	22	Bentonite Pellets	5 (55-60 ft.) 2 (82-84 ft.)	nondedicated	2" Redi-Flo used for purging	73.68 [7/97]
P-14 (well abandoned 10/97)	11-14-95	HSA	10	4" Sch. 40, PVC	63.71	85.3	85	65-85	Lower Sand Unit	0.020	Lonestar #2/16 Sand	22.3	Bentonite Pellets	5	nondedicated	2" Redi-Flo used for purging	77.95 [7/97]
P-15 (well abandoned 10/97)	11-22-95	HSA	10	4" Sch. 40, PVC	56.40	80	79.5	59.5-79.5	Lower Sand Unit	0.020	Lonestar #2/16 Sand	22.5	Bentonite Pellets	5	nondedicated	2" Redi-Flo used for purging	70.95 [7/97]
P-16A	11-29-95	HSA	10	4" Sch. 40, PVC	52.76	87	87	67-87	Lower Sand Unit	0.020	Lonestar #2/16 Sand	22	Bentonite Pellets	5	nondedicated	2" Redi-Flo used for purging	66.72 [7/99]
P-16B (well destroyed 8/96)	12-3-95	Rotosonic	8	4" Sch. 40, PVC	56.51	120	116.5	101.5-116.5	Lower Sand Unit	0.020	Lonestar #2/16 Sand	21.5	Bentonite Pellets	3	nondedicated	2" Redi-Flo used for purging	72.73 [6/96]
P-16C	8-7-96	HSA	10	4" Sch. 40, PVC	52.35	119	118	103-118	Lower Sand Unit	0.020	Lonestar #2/16 Sand	18	Bentonite Pellets	3	nondedicated	2" Redi-Flo used for purging	66.43 [7/99]
P-17	12-6-95	HSA	10	4" Sch. 40, PVC	54.83	120	85	65-85	Lower Sand Unit	0.020	Lonestar #2/16 Sand	23	Bentonite Pellets	5	nondedicated	2" Redi-Flo used for purging	68.50 [7/99]
P-18 (well abandoned 10/97)	12-5-95	HSA	10	4" Sch. 40, PVC	60.16	100	85	65-85	Lower Sand Unit	0.020	Lonestar #2/16 Sand	22	Bentonite Pellets	6	nondedicated	2" Redi-Flo used for purging	75.29 [7/97]
P-19 (well abandoned 10/97)	12-4-95	HSA	10	4" Sch. 40, PVC	62.85	100	85	65-85	Lower Sand Unit	0.020	Lonestar #2/16 Sand	22	Bentonite Chips	6	nondedicated	2" Redi-Flo used for purging	78.11 [7/97]
P-20	11-22-95	HSA	10	4" Sch. 40, PVC	55.30	80	78	58-78	Lower Sand Unit	0.020	Lonestar #2/16 Sand	24	Bentonite Pellets	5.8	nondedicated	2" Redi-Flo used for purging	68.37 [7/99]
P-21 (well abandoned 10/97)	11-30-95	HSA	10	4" Sch. 40, PVC	62.34	100	85	65-85	Lower Sand Unit	0.020	Lonestar #2/16 Sand	22	Bentonite Pellets	5	nondedicated	2" Redi-Flo used for purging	77.65 [7/97]
P-22	11-29-95	HSA	10	4" Sch. 40, PVC	54.49	108	87	67-87	Lower Sand Unit	0.020	Lonestar #2/16 Sand	22	Bentonite Pellets	5	nondedicated	2" Redi-Flo used for purging	68.64 [7/99]
P-23 (well abandoned 10/97)	11-17-95	HSA	10	4" Sch. 40, PVC	60.19	75.3	75	65-75	Lower Sand Unit	0.020	Lonestar #2/16 Sand	12.3	Bentonite Pellets	5	nondedicated	2" Redi-Flo used for purging	72.74 [7/97]
P-24	11-20-95	HSA	10	4" Sch. 40, PVC	59.89	75	75	65-75	Lower Sand Unit	0.020	Lonestar #2/16 Sand	12	Bentonite Pellets	5	nondedicated	2" Redi-Flo used for purging	72.00 [7/99]

TABLE 4.1 P-13

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BOE-C6-0100870

TABLE 4.1

SUMMARY OF WELL CONSTRUCTION DETAILS
FORMER ILM FACILITY & BRC PROPERTY
LOCKHEED MARTIN CORPORATION
TORRANCE, CALIFORNIA

WELL ID	COMPLETION DATE	DRILLING METHOD	WELL INFORMATION														
			Borehole Diameter (inches O.D.)	Well Casing Diameter & Type	Measuring Point Evaluation (feet msl)	Borehole Depth (feet bgs)	Well Depth (feet)	Slotted Interval	Formation Slotted	Slot Size & Type (inches)	Filter Pack Material	Filter Pack Thickness (feet)	Seal Type	Seal Thickness (feet)	Pump System (dedicated/ nondedicated)	Type of Pump	Recent Depth to Water (feet bgs) [date]
P-1	8-16-94	HSA	10.5	4" Sch. 40, PVC	55.21	82.5	80.5	60.5-80.5	Lower Sand Unit	0.020	Lonestar #3 Sand	25	Bentonite Chips	3	nondedicated	2" Redi-Flo used for purging	68.14 [7/99]
P-2	8-18-94	HSA	10.5	4" Sch. 40, PVC	59.11	72	71	61-71	Lower Sand Unit	0.020	Lonestar #3 Sand	13	Bentonite Chips	3	nondedicated	2" Redi-Flo used for purging	67.35 [7/99]
P-3	8-18-94	HSA	10.5	4" Sch. 40, PVC	59.87	75	72	57-72	Lower Sand Unit	0.020	Lonestar #3 Sand	20	Bentonite Chips	3	nondedicated	2" Redi-Flo used for purging	70.71 [7/99]
P-4 (well abandoned 10/97)	8-16-94	HSA	10.5	4" Sch. 40, PVC	60.54	81	78	63-78	Lower Sand Unit	0.020	Lonestar #3 Sand	20	Bentonite Chips	4	nondedicated	2" Redi-Flo used for purging	74.04 [7/97]
P-5	8-17-94	HSA	10.5	4" Sch. 40, PVC	55.04	81	79	59-79	Lower Sand Unit	0.020	Lonestar #3 Sand	24	Bentonite Chips	3	nondedicated	2" Redi-Flo used for purging	67.02 [7/99]
P-6 (well abandoned 10/97)	3-1-95	HSA	10	4" Sch. 40, PVC	58.13	80	78	58 - 78	Lower Sand Unit	0.020	Lonestar #2/16 Sand	22.5	Bentonite Pellets	5	nondedicated	2" Redi-Flo used for purging	73.09 [7/97]
P-6B	11-24-97	HSA	10	4" Sch. 40, PVC	55.83	81	80	60-80	Lower Sand Unit	0.020	Lonestar #3 Sand	23	Bentonite Pellets	3	nondedicated	2" Redi-Flo used for purging	69.43 [7/99]
P-7	3-2-95	HSA	10	4" Sch. 40, PVC	53.92	84.5	82.5	62.5-82.5	Lower Sand Unit	0.020	Lonestar #2/16 Sand	22.5	Bentonite Chips	5	nondedicated	2" Redi-Flo used for purging	67.86 [7/99]
P-8 (well abandoned 8/96)	3-6-95	HSA	10	4" Sch. 40, PVC	56.32	95	90	65 - 90	Lower Sand Unit	0.020	Lonestar #2/16 Sand	32	Bentonite Chips	5	nondedicated	2" Redi-Flo used for purging	76.58 [7/96]
P-9 (well abandoned 10/97)	3-7-95	HSA	10	4" Sch. 40, PVC	60.48	86	83	63 - 83	Lower Sand Unit	0.020	Lonestar #2/16 Sand	22.5	Bentonite Chips	5 (56 - 61 ft) 2.5 (83.5 - 86 ft)	nondedicated	2" Redi-Flo used for purging	72.66 [7/97]
P-9B	10-7-97	HSA	10	4" Sch. 40, PVC	57.54	77	77	57-77	Lower Sand Unit	0.020	Lonestar #2/16 Sand	23	Bentonite Pellets	5	nondedicated	2" Redi-Flo used for purging	68.51 [7/99]
P-10	3-3-95	HSA	10	4" Sch. 40, PVC	57.64	78.5	76	61-76	Lower Sand Unit	0.020	Lonestar #2/16 Sand	17.5	Bentonite Chips	5	nondedicated	2" Redi-Flo used for purging	68.10 [7/99]
P-11 (well abandoned 10/97)	11-16-95	HSA	10	4" Sch. 40, PVC	63.83	74.5	74	59-74	Lower Sand Unit	0.020	Lonestar #2/16 Sand	17.5	Bentonite Chips	5	nondedicated	2" Redi-Flo used for purging	73.63 [7/97]
P-12 (well damaged 7/99)	11-20-95	HSA	10	4" Sch. 40, PVC	59.73	80.5	80	65-80	Lower Sand Unit	0.020	Lonestar #2/16 Sand	17.5	Bentonite Pellets	5	nondedicated	2" Redi-Flo used for purging	72.16 [3/99]

TABLE 4.1.P-1

TABLE 4.1.P-1

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BOE-C6-0100871

TABLE 4.1

SUMMARY OF WELL CONSTRUCTION DETAILS
FORMER ILM FACILITY & BRC PROPERTY
LOCKHEED MARTIN CORPORATION
TORRANCE, CALIFORNIA
(Continued)

WELL ID	COMPLETION DATE	DRILLING METHOD	WELL INFORMATION														
			Borehole Diameter (inches O.D.)	Well Casing Diameter & Type	Measuring Point Evaluation (feet msl)	Borehole Depth (feet bgs)	Well Depth (feet)	Slotted Interval	Formation Slotted	Slot Size & Type (inches)	Filter Pack Material	Filter Pack Thickness (feet)	Seal Type	Seal Thickness (feet)	Pump System (dedicated/ nondedicated)	Type of Pump	Recent Depth to Water (feet bgs) [date]
P-25 (well abandoned 11/97)	11-27-95	HSA	10	4" Sch. 40, PVC	60.45	80	79.5	64.5-79.5	Lower Sand Unit	0.020	Lonestar #2/16 Sand	17.5	Bentonite Pellets	5	nondedicated	2" Redi-Flo used for purging	74.76 [7/97]
BL-1	2-2-99	HSA	8	2" Sch. 40, PVC	58.34	81.5	81.5	61.5-81.5	Lower Sand Unit	0.010	#2/12 RMC Lonestar	25	Bentonite Chips	2	nondedicated	2" Redi-Flo used for purging	70.72 [7/99]
BL-2	2-3-99	HSA	8	2" Sch. 40, PVC	58.15	82	81.5	61.5-81.5	Lower Sand Unit	0.010	#2/12 RMC Lonestar	24	Bentonite Chips	4	nondedicated	2" Redi-Flo used for purging	71.32 [7/99]
BL-3	2-8-99	HSA	8	2" Sch. 40, PVC	59.33	82	82	62-82	Lower Sand Unit	0.010	#2/12 RMC Lonestar	23.5	Bentonite Chips	6	nondedicated	2" Redi-Flo used for purging	73.16 [7/99]
BL-4	2-16-99	HSA	8	2" Sch. 40, PVC	55.04	79	78.5	58.5-78.5	Lower Sand Unit	0.010	#2/12 RMC Lonestar	24	Bentonite Chips	6	nondedicated	2" Redi-Flo used for purging	69.47 [7/99]
BL-5	2-4-99	HSA	8	2" Sch. 40, PVC	55.18	78.5	78	58-78	Lower Sand Unit	0.010	#2/12 RMC Lonestar	23.5	Bentonite Chips	5	nondedicated	2" Redi-Flo used for purging	67.71 [7/99]
BL-6	2-4-99	HSA	8	2" Sch. 40, PVC	54.7	78.5	78	58-76	Lower Sand Unit	0.010	#2/12 RMC Lonestar	23.5	Bentonite Chips	5	nondedicated	2" Redi-Flo used for purging	67.53 [7/99]
BL-7	2-8-99	HSA	8	2" Sch. 40, PVC	55.19	78.5	78	58-78	Lower Sand Unit	0.010	#2/12 RMC Lonestar	24.5	Bentonite Chips	5	nondedicated	2" Redi-Flo used for purging	68.63 [7/99]
BL-8	2-16-99	HSA	8	2" Sch. 40, PVC	57.13	81	80	60-80	Lower Sand Unit	0.010	#2/12 RMC Lonestar	24	Bentonite Chips	5	nondedicated	2" Redi-Flo used for purging	71.42 [7/99]

99-200/Rpts/DrGrWaRcFa (12/28/99/rm)

TABLE 4.1 P-25

feet msl Feet above mean sea level TABLE 4.1 P-25
feet bgs Feet below ground surface
Inches O.D. Inches outer diameter
HSA Hollow-stem auger drill rig
NA Not available
PVC Polyvinyl chloride

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BOE-C6-0100872

TABLE 4.2

WATER-LEVEL ELEVATIONS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA

WELL	DATUM ELEVATION (ft msl)	DATE	DTW (ft)	WL (ft msl)
P-1	52.50	8/30/94	69.50	-17.00
		10/19/94	69.05	-16.55
		12/29/94	68.94	-16.44
		1/12/95	69.02	-16.52
		3/16/95	68.90	-16.40
		4/28/95	68.67	-16.17
		5/18/95	68.61	-16.11
		6/16/95	68.56	-16.06
		7/11/95	68.58	-16.08
		8/28/95	68.33	-15.83
		9/12/95	68.36	-15.86
		10/12/95	68.37	-15.87
		11/13/95	68.36	-15.86
		12/18/95	68.93	-16.43
		1/15/96	68.87	-16.37
		3/11/96	68.00	-15.50
		4/22/96	68.01	-15.51
		5/21/96	68.02	-15.52
		6/17/96	67.52	-15.02
	56.53	7/24/96	72.62	-16.09
		8/14/96	71.54	-15.01
		9/9/96	71.51	-14.98
		7/7/97	70.67	-14.14
	55.21	3/1/99	69.16	-13.95
		7/12/99	68.14	-12.93
P-2	55.31	8/30/94	65.41	-10.10
		10/19/94	68.05	-12.74
		12/29/94	65.03	-9.72
		1/12/95	65.08	-9.77
		3/16/95	64.12	-8.81
		4/28/95	64.08	-8.77
		5/18/95	64.13	-8.82
		6/16/95	64.29	-8.98
		7/11/95	64.31	-9.00
		8/28/95	63.44	-8.13
		9/12/95	63.45	-8.14
		10/12/95	63.45	-8.14
		11/13/95	63.44	-8.13
		12/18/95	64.16	-8.85
		1/15/96	64.10	-8.79

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TABLE 4.2

WATER-LEVEL ELEVATIONS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA
(Continued)

WELL	DATUM ELEVATION (ft msl)	DATE	DTW (ft)	WL (ft msl)
P-2 (Cont'd)		3/11/96	64.56	-9.25
		4/22/96	64.53	-9.22
		5/21/96	64.54	-9.23
		6/17/96	64.42	-9.11
	58.91	7/24/96	68.61	-9.70
		8/14/96	NR*	–
		9/9/96	68.39	-9.48
		7/7/97	67.84	-8.93
	59.11	3/1/99	67.35	-8.24
		7/12/99	67.35	-8.24
P-3	55.94	8/30/94	68.57	-12.63
		10/19/94	68.25	-12.31
		12/29/94	68.46	-12.52
		1/12/95	68.36	-12.42
		3/16/95	68.11	-12.17
		4/28/95	67.87	-11.93
		5/18/95	67.80	-11.86
		6/16/95	67.78	-11.84
		7/11/95	67.80	-11.86
		8/28/95	67.70	-11.76
		9/12/95	67.71	-11.77
		10/12/95	67.72	-11.78
		11/13/95	67.72	-11.78
		12/18/95	68.14	-12.20
		1/15/96	68.08	-12.14
		3/11/96	67.68	-11.74
		4/22/96	NR*	–
		5/21/96	NR*	–
		6/17/96	67.46	-11.52
	59.97	7/24/96	NR*	–
		8/14/96	71.44	-11.47
		9/9/96	71.42	-11.45
		7/7/97	71.22	-11.25
	59.87	3/1/99	70.38	-10.51
		7/12/99	70.71	-10.84
P-4	56.20	8/30/94	72.20	-16.00
		10/19/94	71.76	-15.56
		12/29/94	71.68	-15.48
		1/12/95	71.72	-15.52
		3/16/95	71.45	-15.25
		4/28/95	71.02	-14.82

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TABLE 4.2

WATER-LEVEL ELEVATIONS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA
(Continued)

WELL	DATUM ELEVATION (ft msl)	DATE	DTW (ft)	WL (ft msl)
P-4 (Cont'd)	56.20 (Cont'd)	5/18/95	70.94	-14.74
		6/16/95	70.98	-14.78
		7/11/95	70.97	-14.77
		8/28/95	70.89	-14.69
		9/12/95	70.91	-14.71
		10/12/95	70.91	-14.71
		11/13/95	70.94	-14.74
		12/18/95	70.89	-14.69
		1/15/96	70.84	-14.64
		3/11/96	70.74	-14.54
		4/22/96	70.72	-14.52
		5/21/96	70.71	-14.51
		6/17/96	NR	--
	60.54	7/24/96	74.78	-14.24
		8/14/96	74.70	-14.16
		9/9/96	74.67	-14.13
		7/7/97	74.04	-13.50
		10/97	well abandoned	–
P-5	51.84	8/30/94	68.58	-16.74
		10/19/94	68.25	-16.41
		12/29/94	68.20	-16.36
		1/12/95	68.14	-16.30
		3/16/95	66.90	-15.06
		4/28/95	66.18	-14.34
		5/18/95	66.13	-14.29
		6/16/95	66.34	-14.50
		7/11/95	66.37	-14.53
		8/28/95	66.66	-14.82
		9/12/95	66.64	-14.80
		10/12/95	66.67	-14.83
		11/13/95	66.66	-14.82
		12/18/95	66.93	-15.09
		1/15/96	66.86	-15.02
		3/11/96	66.50	-14.66
		4/22/96	NR*	–
		5/21/96	NR*	–
		6/17/96	66.07	-14.23
	55.88	7/24/96	70.00	-14.12
		8/14/96	69.92	-14.04
		9/9/96	69.88	-14.00
		7/7/97	69.03	-13.15(1)

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TABLE 4.2

WATER-LEVEL ELEVATIONS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA
(Continued)

WELL	DATUM ELEVATION (ft msl)	DATE	DTW (ft)	WL (ft msl)
P-5 (Cont'd)	55.04 (Cont'd)	3/1/99	67.13	-11.25(1)
		7/12/99	67.02	-11.98
P-6	54.18	3/16/95	71.70	-17.52
		4/28/95	71.48	-17.30
		5/18/95	71.39	-17.21
		6/16/95	71.38	-17.20
		7/11/95	71.41	-17.23
		8/28/95	71.18	-17.00
		9/12/95	71.19	-17.01
		10/12/95	71.20	-17.02
		11/13/95	NR	–
		12/18/95	71.74	-17.56
		1/15/96	71.68	-17.50
		3/11/96	70.65	-16.47
		4/22/96	70.51	-16.33
		5/21/96	NR	–
		6/17/96	70.22	-16.04
	58.13	7/24/96	74.22	-16.09
		8/14/96	73.91	-15.78
		9/9/96	73.98	-15.85
		7/7/97	73.09	-14.96
		10/97	well abandoned	–
P-6B	55.83	3/1/99	69.32	-13.49
		7/12/99	69.43	-13.60
P-7	53.41	3/16/95	71.27	-17.86
		4/28/95	71.02	-17.61
		5/18/95	70.96	-17.55
		6/16/95	70.94	-17.53
		7/11/95	71.00	-17.59
		8/28/95	71.71	-18.30
		9/12/95	71.73	-18.32
		10/12/95	71.73	-18.32
		11/13/95	73.19	-19.78
		12/18/95	71.30	-17.89
		1/15/96	71.25	-17.84
		3/11/96	70.32	-16.91
		4/22/96	70.17	-16.76
		5/21/96	70.53	-17.12
		6/17/96	69.92	-16.51

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TABLE 4.2

WATER-LEVEL ELEVATIONS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA
(Continued)

WELL	DATUM ELEVATION (ft msl)	DATE	DTW (ft)	WL (ft msl)
P-7 (Cont'd)	57.34	7/24/96	74.92	-17.58
		8/14/96	73.79	-16.45
		9/9/96	73.75	-16.41
		7/7/97	72.79	-15.45
	53.92	3/1/99	67.75	-13.83
		7/12/99	67.86	-13.94
P-8	56.32	3/16/95	74.29	-17.97
		4/28/95	74.05	-17.73
		5/18/95	73.97	-17.65
		6/16/95	73.91	-17.59
		7/11/95	73.93	-17.61
		8/28/95	73.64	-17.32
		9/12/95	73.66	-17.34
		10/12/95	73.65	-17.33
		11/13/95	73.73	-17.41
		12/18/95	72.20	-15.88
		1/15/96	72.14	-15.82
		4/22/96	73.00	-16.68
		5/21/96	73.01	-16.69
		6/17/96	72.52	-16.20
		7/24/96	76.58	-20.26
		8/7/96	well abandoned	–
P-9	56.38	3/16/95	70.10	-13.72
		4/28/95	69.92	-13.54
		5/18/95	69.90	-13.52
		6/16/95	68.91	-12.53
		7/11/95	68.93	-12.55
		8/28/95	69.80	-13.42
		9/12/95	69.81	-13.43
		10/12/95	69.80	-13.42
		11/13/95	69.66	-13.28
		12/18/95	68.85	-12.47
		1/15/96	68.79	-12.41
		3/11/96	69.76	-13.38
		4/22/96	69.68	-13.30
		5/21/96	NR	–
		6/17/96	69.54	-13.16

TRC

TABLE 4.2

WATER-LEVEL ELEVATIONS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA
(Continued)

WELL	DATUM ELEVATION (ft msl)	DATE	DTW (ft)	WL (ft msl)
P-9 (Cont'd)	60.48	7/24/96	73.72	-13.24
		8/14/96	73.55	-13.07
		9/9/96	73.52	-13.04
		7/7/97	72.66	-12.18
		10/97	well abandoned	–
P-9B	57.54	3/1/99	69.62	-12.08
		7/12/99	68.51	-10.97
P-10	57.31	3/16/95	69.60	-12.29
		4/28/95	69.40	-12.09
		5/18/95	69.32	-12.01
		6/16/95	69.26	-11.95
		7/11/95	69.30	-11.99
		8/28/95	68.98	-11.67
		9/12/95	68.98	-11.67
		10/12/95	68.98	-11.67
		11/13/95	68.97	-11.66
		12/18/95	69.33	-12.02
		1/15/96	69.27	-11.96
		3/11/96	68.73	-11.42
		4/22/96	68.75	-11.44
		5/21/96	68.74	-11.43
		6/17/96	68.66	-11.35
	61.08	7/24/96	72.58	-11.50
		8/14/96	72.55	-11.47
		9/9/96	72.52	-11.44
		7/7/97	72.42	-11.34
	57.64	3/1/99	68.83	-11.19
		7/12/99	68.10	-10.46
P-11	56.06	12/18/95	66.20	-10.14
		1/15/96	66.15	-10.09
		3/11/96	66.30	-10.24
		4/22/96	66.28	-10.22
		5/21/96	66.27	-10.21
		6/17/96	66.14	-10.08
	59.89	7/24/96	70.35	-10.46
		8/14/96	70.12	-10.23
		9/9/96	70.08	-10.19
	63.83	7/7/97	73.63	-9.80
		10/97	well abandoned	–

TRC

TABLE 4.2

WATER-LEVEL ELEVATIONS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA
(Continued)

WELL	DATUM ELEVATION (ft msl)	DATE	DTW (ft)	WL (ft msl)
P-12	56.00	12/18/95	71.10	-15.10
		1/15/96	71.04	-15.04
		3/11/96	70.96	-14.96
		4/22/96	70.93	-14.93
		5/21/96	70.72	-14.72
		6/17/96	70.55	-14.55
	59.95	7/24/96	75.00	-15.05
		8/14/96	74.62	-14.67
		9/9/96	74.48	-14.53
		7/7/97	73.52	-13.57
	59.73	3/1/99	72.16	-12.43
		7/99	well damaged	–
P-13	55.78	12/18/95	71.72	-15.94
		1/15/96	71.67	-15.89
		3/11/96	71.34	-15.56
		4/22/96	71.31	-15.53
		5/21/96	71.33	-15.55
		6/17/96	70.92	-15.14
	59.97	7/24/96	75.30	-15.33
		8/14/96	74.64	-14.67
		9/9/96	74.60	-14.63
		7/7/97	73.68	-13.71
		10/97	well abandoned	–
P-14	55.92	12/18/95	71.80	-15.88
		1/15/96	71.76	-15.84
		3/11/96	71.44	-15.52
		4/22/96	71.42	-15.50
		5/21/96	71.45	-15.53
		6/17/96	71.02	-15.10
	60.04	7/24/96	75.08	-15.04
		8/14/96	75.04	-15.00
		9/9/96	75.00	-14.96
	63.71	7/8/97	77.95	-14.24
		10/97	well abandoned	–
P-15	52.64	12/18/95	68.20	-15.56
		1/15/96	68.14	-15.50
		3/11/96	68.08	-15.44
		4/22/96	68.06	-15.42
		5/21/96	68.01	-15.37
		6/17/96	67.70	-15.06

TRC

TABLE 4.2

WATER-LEVEL ELEVATIONS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA
(Continued)

WELL	DATUM ELEVATION (ft msl)	DATE	DTW (ft)	WL (ft msl)
P-15 (Cont'd)	56.40	7/24/96	71.40	-15.00
		8/14/96	71.43	-15.03
		9/9/96	71.39	-14.99
		7/7/97	70.45	-14.05
		10/97	well abandoned	--
P-16A	56.43	12/18/95	73.40	-16.97
		1/15/96	73.36	-16.93
		3/11/96	73.12	-16.69
		4/22/96	72.93	-16.50
		5/21/96	72.95	-16.52
		6/17/96	72.61	-16.18
	60.49	7/24/96	76.60	-16.11
		8/14/96	76.59	-16.10
		9/9/96	76.58	-16.09
		7/7/97	75.59	-15.10
	52.76	3/1/99	66.50	-13.74
		7/12/99	66.72	-13.96
P-16B	56.51	12/18/95	73.59	-17.08
		1/15/96	73.53	-17.02
		3/11/96	73.16	-16.65
		4/22/96	73.01	-16.50
		5/21/96	73.02	-16.51
		6/17/96	72.73	-16.22
		7/24/96	NR*	--
		8/6/96	well destroyed	--
P-16C	60.44	8/14/96	76.58	-16.14
		9/9/96	76.52	-16.08
		7/7/97	75.61	-15.17
	52.35	3/1/99	66.20	-13.85
		7/12/99	66.43	-14.08
P-17	56.56	12/18/95	73.40	-16.84
		1/15/96	73.34	-16.78
		3/11/96	73.00	-16.44
		4/22/96	72.97	-16.41
		5/21/96	72.97	-16.41
		6/17/96	NR	--
	60.25	7/24/96	76.38	-16.13
		8/14/96	NR*	--
		9/9/96	NR*	--
		7/7/97	75.08	-14.83

TRC

TABLE 4.2

WATER-LEVEL ELEVATIONS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA
(Continued)

WELL	DATUM ELEVATION (ft msl)	DATE	DTW (ft)	WL (ft msl)
P-17 (Cont'd)	54.83	3/1/99	68.34	-13.51
		7/12/99	68.50	-13.67
P-18	56.44	12/18/95	73.60	-17.16
		1/15/96	73.54	-17.10
		3/11/96	73.28	-16.84
		4/22/96	73.04	-16.60
		5/21/96	73.08	-16.64
		6/17/96	NR	–
	60.16	7/24/96	NR	--
		8/14/96	76.36	-16.20
		9/9/96	76.32	-16.16
		7/7/97	75.29	-15.13
		10/97	well abandoned	–
P-19	53.93	12/18/95	71.09	-17.16
		1/15/96	71.03	-17.10
		3/11/96	70.80	-16.87
		4/22/96	70.60	-16.67
		5/21/96	70.61	-16.68
		6/17/96	70.27	-16.34
	57.75	7/24/96	74.63	-16.88
		8/14/96	74.09	-16.34
		9/9/96	74.06	-16.31
	62.85	7/7/97	78.11	-15.26
		10/97	well abandoned	–
P-20	52.00	12/18/95	67.78	-15.78
		1/15/96	67.72	-15.72
		3/11/96	67.58	-15.58
		4/22/96	67.56	-15.56
		5/21/96	67.58	-15.58
		6/17/96	67.14	-15.14
	55.94	7/24/96	72.16	-16.22
		8/14/96	71.10	-15.16
		9/9/96	71.06	-15.12
		7/7/97	70.24	-14.30
	55.30	3/1/99	68.28	-12.98
		7/12/99	68.37	-13.07
P-21	54.37	12/18/95	71.48	-17.11
		1/15/96	71.42	-17.05
		3/11/96	71.10	-16.73
		4/22/96	70.95	-16.58

TRC

TABLE 4.2

WATER-LEVEL ELEVATIONS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA
(Continued)

WELL	DATUM ELEVATION (ft msl)	DATE	DTW (ft)	WL (ft msl)
P-21 (Cont'd)	54.37 (Cont'd)	5/21/96	70.96	-16.59
		6/17/96	70.66	-16.29
	58.05	7/24/96	75.48	-17.43
		8/14/96	74.43	-16.38
		9/9/96	74.39	-16.34
	62.34	7/8/97	77.65	-15.31
		10/97	well abandoned	–
P-22	57.72	12/18/95	75.21	-17.49
		1/15/96	75.15	-17.43
		3/11/96	74.80	-17.08
		4/22/96	74.61	-16.89
		5/21/96	NR	–
		6/17/96	74.30	-16.58
	61.82	7/24/96	NR*	–
		8/14/96	78.17	-16.35
		9/9/96	78.13	-16.31
		7/7/97	77.24	-15.42
	54.49	3/1/99	68.39	-13.90
		7/12/99	68.64	-14.15
P-23	56.27	12/18/95	69.80	-13.53
		1/15/96	69.74	-13.47
		3/11/96	69.74	-13.47
		4/22/96	69.71	-13.44
		5/21/96	69.72	-13.45
		6/17/96	69.50	-13.23
	60.19	7/24/96	NR*	–
		8/14/96	73.34	-13.15
		9/9/96	73.30	-13.11
		7/7/97	72.74	-12.55
		10/97	well abandoned	–
P-24	56.05	12/18/95	70.50	-14.45
		1/15/96	70.43	-14.38
		3/11/96	70.22	-14.17
		4/22/96	70.20	-14.15
		5/21/96	70.22	-14.17
		6/17/96	70.90	-14.85
	60.14	7/24/96	72.80	-12.66
		8/14/96	73.88	-13.74
		9/9/96	73.84	-13.70
		7/7/97	73.17	-13.03

TRC

TABLE 4.2

WATER-LEVEL ELEVATIONS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA
(Continued)

WELL	DATUM ELEVATION (ft msl)	DATE	DTW (ft)	WL (ft msl)
P-24 (Cont'd)	59.89	3/1/99	72.00	-12.11
		7/12/99	72.00	-12.11
P-25	56.35	12/18/95	72.30	-15.95
		1/15/96	72.32	-15.97
		3/11/96	72.04	-15.69
		4/22/96	72.01	-15.66
		5/21/96	73.02	-16.67
		6/17/96	71.55	-15.20
	60.45	7/24/96	76.10	-15.65
		8/14/96	75.63	-15.18
		9/9/96	75.60	-15.15
		7/7/97	74.76	-14.31
		10/97	well abandoned	--

99-200/Rpts/DrGrWaRcFa (12/28/99/rm)

(1) A sheen of petroleum hydrocarbon was detected. Water levels did not require correction. July 1997 was the first observation of the petroleum hydrocarbon sheen in this well.

Notes:

1. Well elevations for P-11, P-14, P-19, and P-21 were resurveyed on 8/15/97 following completion of onsite regrading activities.
2. Well elevations for all existing wells were resurveyed on 3/27/99, following 1998 site development.

ft	Feet
ft msl	Feet relative to mean sea level
DTW	Depth to static water
WL	Water-level elevation
NR	Water level not recorded
NR*	Erroneous datum - not included on hydrograph or ground water elevation figures
--	Computation not completed

TRC

TABLE 4.3

WATER-LEVEL ELEVATIONS
BRC PROPERTY, TORRANCE, CALIFORNIA

WELL	DATUM ELEVATION (ft msl)	DATE	DTW (ft)	WL (ft msl)
BL-1	58.34	3/4/99	70.75	-12.41
		7/12/99	70.72	-12.38
BL-2	58.15	3/3/99	71.47	-13.32
		7/12/99	71.32	-13.17
BL-3	59.33	3/3/99	73.22	-13.89
		7/12/99	73.16	-13.83
BL-4	55.04	3/2/99	69.55	-14.51
		7/12/99	69.47	-14.43
BL-5	55.18	3/4/99	67.70	-12.52
		7/12/99	67.71	-12.53
BL-6	54.70	3/1/99	67.62	-12.92
		7/12/99	67.53	-12.83
BL-7	55.19	3/1/99	68.76	-13.57
		7/12/99	68.63	-13.44
BL-8	57.13	3/2/99	71.40	-14.27
		7/12/99	71.42	-14.29

99-200 (11/3/99/mc)

ft Feet
ft msl Feet relative to mean sea level
DTW Depth to static water
WL Water-level elevation
NR Water level not recorded

TRC

TABLE 4.4

SUMMARY OF GROUND WATER RESULTS
FIELD WATER QUALITY PARAMETERS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA

WELL NUMBER	DATE	TIME	VOLUME (gal)	TEMP. (°C)	pH (pH units)	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	COLOR	DO* (mg/L)
P-1	1/24/95	1048	15	21.0	6.97	1,131	166	cloudy	--
		1053	25	21.1	7.58	1,040	37	cloudy	--
		1058	35	20.1	7.29	1,068	15	cloudy	--
		1103	45	--	--	--	--	--	--
		TOTAL:	45						
		AVERAGE:*		20.7	7.28	1,080	73		--
	3/17/95	1440	5	22.0	7.50	1,500	30	clear	0.6
		1443	10	23.0	7.60	1,500	30	clear	0.6
		1447	20	23.0	7.80	1,500	30	clear	0.6
		1455	30	23.0	7.50	1,500	30	clear	0.6
		TOTAL:	30						
		AVERAGE:*		23.0	7.63	1,500	30		0.6
	12/27/95	1317	5	22.4	7.61	2,240	20	clear	--
		1320	10	22.6	7.69	2,260	<10	clear	--
		1323	20	22.8	7.71	2,280	<10	clear	--
		1326	30	22.8	7.70	2,280	<10	clear	--
		TOTAL:	30						
		AVERAGE:*		22.7	7.70	2,273	<10		--
	3/19/96	1219	10	22.5	7.77	1,580	39	clear	--
		1221	20	22.9	7.85	1,510	72	clear	--
		1224	30	22.9	7.87	1,510	179	tan	--
		1227	40	22.9	7.86	1,520	111	tan	--
		TOTAL:	40						
		AVERAGE:*		22.9	7.86	1,513	121		--
	6/26/96	1400	5	22.9	7.52	1,690	-10	sl. cloudy	--
		1402	10	23.1	7.51	1,650	-10	sl. cloudy	--
		1404	15	23.1	7.52	1,680	-10	sl. cloudy	--
		1406	20	23.0	7.51	1,670	-10	sl. cloudy	--
		TOTAL:	20						
		AVERAGE:*		23.1	7.51	1,667	-10		--
	9/18/96	1213	5	24.7	7.59	1,580	-6	clear	--
		1216	10	24.2	7.60	1,600	-3	clear	--
		1219	15	24.0	7.60	1,580	-10	clear	--
		1224	25	24.1	7.60	1,570	-10	clear	--
		TOTAL:	25						
		AVERAGE:*		24.1	7.60	1,583	-8		--
	7/10/97	1452	0	26.2	7.54	1,440	394	cloudy	--
		1458	10	24.1	7.08	1,780	4	clear	--
		1505	20	24.0	7.08	1,740	0	clear	--
		1511	30	24.0	7.08	1,710	0	clear	--
		1518	40	24.0	7.08	1,690	0	clear	--
		TOTAL:	40						
		AVERAGE:*		24.0	7.08	1,713	0		--
	3/4/99	1455	0	20.5	6.96	2,000	447	lt. brown	--
		1459	5	20.7	6.84	1,940	105	lt. brown	--
		1503	10	22.6	6.81	1,930	241	lt. brown	--
		1506	15	22.8	6.85	1,940	56	lt. brown	--
		1510	20	22.6	6.82	1,950	32	clear	--
		1517	30	22.3	6.88	1,930	5	clear	--
		1523	40	22.6	6.96	1,960	24	clear	--
		TOTAL:	40						
		AVERAGE:*		22.5	6.89	1,947	20		--
	7/16/99	0940	0	23.7	7.42	1,580	209	clear	--
		0950	5	23.7	7.41	1,570	235	lt. brown	--
		0959	10	23.7	7.41	1,570	19	clear	--
		1009	15	24.0	7.39	1,580	5	clear	--
		1018	20	24.1	7.40	1,570	5	clear	--
		1026	25	24.3	7.39	1,570	5	clear	--
		1035	31	24.4	7.39	1,570	4	clear	--
		TOTAL:	31						
		AVERAGE:*		24.2	7.39	1,570	4.6		69.5%

TRC

TABLE 4.4

SUMMARY OF GROUND WATER RESULTS
FIELD WATER QUALITY PARAMETERS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA

WELL NUMBER	DATE	TIME	VOLUME (gal)	TEMP. (°C)	pH (pH units)	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	COLOR	DO* (mg/L)
P-2	1/27/95	1445	4	18.3	7.40	1,751	109	lt. brown	--
		1447	10 (dry)	--	--	--	--	--	2.0
		1452	15	20.0	7.78	1,633	70	lighter	1.9
		--	16 (dry)	--	--	--	--	--	--
		1518	18	19.5	7.27	1,755	115	lighter	2.2
		TOTAL:	18						
		AVERAGE:*		19.3	7.48	1,713	98		1.4
	3/17/95	1257	6	22.0	8.80	4,000	300	tan	0.6
		1304	10	22.0	8.70	4,000	680	brown	0.6
		1307	15	22.0	8.70	4,000	660	tan	0.6
		1315	20	22.0	8.60	4,000	270	tan	0.6
		1320	22	22.0	8.60	4,000	80	clear	0.5
		1325	24	22.0	8.60	4,000	100	clear	0.5
		1327	26	22.0	8.60	4,000	100	clear	--
		TOTAL:	26						
		AVERAGE:*		22.0	8.60	4,000	93		0.3
	12/27/95	1016	3	22.6	8.11	1,280	190	gray	--
		1018	5	22.7	8.12	1,300	194	gray	--
		1020	10	23.0	8.10	1,310	260	gray	--
		1022	17	23.0	8.10	1,300	140	gray	--
		TOTAL:	17						
		AVERAGE:*		22.9	8.11	1,303	198		--
	3/19/96	1405	4	22.1	7.78	1,980	310	gray	--
		1407	8	22.3	7.91	2,020	77	clear	--
		TOTAL:	8						
		AVERAGE:*		22.4	7.93	1,768	195		--
	6/20/96	1348	3	26.3	6.90	4,710	445	silty	--
		1352	6	24.8	6.97	4,720	999	dk. silt	--
		1355	9	24.4	6.93	4,680	457	silty	--
		TOTAL:	9						
		AVERAGE:*		25.2	6.93	4,703	634		--
	9/17/96	1239	3	27.2	7.16	4,880	999	silty-dark	--
		1241	6	24.7	7.22	4,490	125	clear	--
		1243	9	24.9	7.22	4,530	254	sl. silty	--
		1244	11	24.5	7.20	4,590	100	sl. silty	--
		TOTAL:	11						
		AVERAGE:*		24.7	7.21	4,537	160		--
	7/8/97	1234	0	26.8	6.84	5,390	256	clear	--
		1238	5	25.3	6.88	5,300	134	clear	--
		1243	10	25.5	6.92	5,200	82	clear	--
		1253	15	26.7	6.94	5,190	69	clear	--
		1309	20	27.7	6.97	5,000	43	clear	--
		TOTAL:	20						
		AVERAGE:*		26.6	6.94	5,130	65		--
	3/2/99	0910	0	21.1	6.45	6,200	40	clear	--
		0916	5	21.6	6.86	3,970	10	clear	--
		0922	10	22.3	6.90	4,520	10	clear	--
		0927	15	22.9	6.84	5,220	10	clear	--
		TOTAL:	15						
		AVERAGE:*		22.3	6.87	4,570	10		--
	7/13/99	0710	0	22.5	6.90	4,220	600	grayish black	--
		0716	3	22.6	7.08	3,930	250	clear	--
		0722	6	23.1	7.12	3,970	150	light gray	--
		0728	9	23.8	7.13	4,030	148	light gray	--
		0734	12	23.4	7.14	4,000	149	light gray	--
		0740	14	23.5	7.14	4,000	146	light gray	--
		TOTAL:	14						
		AVERAGE:*		23.5	7.13	4,010	147.6		3.0%

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TABLE 4.4

SUMMARY OF GROUND WATER RESULTS
FIELD WATER QUALITY PARAMETERS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA

WELL NUMBER	DATE	TIME	VOLUME (gal)	TEMP. (°C)	pH (pH units)	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	COLOR	DO* (mg/L)
P-3	1/24/95	1259	5	19.1	7.89	1,700	168	cloudy	--
		1320	10	19.7	7.86	2,300	91	cloudy	--
		1330	15	19.3	7.78	2,300	90	cloudy	--
		1350	20	18.5	8.08	2,300	63	cloudy	--
		1400	25	--	--	--	--	--	--
		TOTAL:	25						
		AVERAGE:*		19.1	7.91	2,300	81		--
	3/17/95	1019	5	20.9	7.43	3,000	--	brown	0.7
		1025	10	20.9	7.44	3,000	--	tan	0.7
		1035	12	20.9	7.48	3,000	4	tan	0.7
		1038	15	21.0	7.38	3,000	253	tan	0.6
		1040	16	21.0	7.38	3,000	224	lt. tan	0.6
		1044	19	21.0	7.38	3,000	173	tan	0.6
		1050	21	20.9	7.37	3,000	148	tan	0.6
		1055	24	21.0	7.40	3,000	100	tan	0.6
		1056	25	21.0	7.41	2,500	51	clear	--
		TOTAL:	25						
		AVERAGE:*		21.0	7.39	2,833	100		0.4
	12/20/95	0702	2	22.5	7.81	2,610	off scale	tan	--
		0704	4	22.3	7.79	2,620	420	tan	--
		0706	6	22.3	7.78	2,610	118	cloudy	--
		0708	8	22.3	7.79	2,610	29	clear	--
		0709	10	22.3	7.81	2,630	25	clear	--
		TOTAL:	10						
		AVERAGE:*		22.3	7.79	2,617	57		--
	3/14/96	0925	3	21.0	7.41	2,490	48	clear	--
		0928	6	21.3	7.48	2,440	170	tan	--
		TOTAL:	6						
		AVERAGE:*		21.2	7.45	2,465	109		--
	6/19/96	0940	3	24.3	7.93	2,680	197	clear	--
		0947	6	23.4	7.38	2,750	27	clear	--
		0952	9	23.3	7.44	2,560	<10	clear	--
		0955	12	23.2	7.49	2,570	<10	clear	--
		TOTAL:	12						
		AVERAGE:*		23.3	7.44	2,627	27		--
	9/11/96	1125	3	24.7	8.01	1,560	98	clear	--
		1131	6	22.7	8.03	2,600	265	clear	--
		TOTAL:	6						
		AVERAGE:*		23.7	8.02	2,080	182		--
	7/8/97	1020	0	25.7	8.10	1,790	450	clear	--
		1023	3	23.8	7.05	2,370	112	clear	--
		1027	6	24.0	7.03	2,440	26	clear	--
		1030	9	24.4	7.06	2,370	5	clear	--
		1036	12	24.7	7.07	2,340	0	clear	--
		TOTAL:	12						
		AVERAGE:*		24.4	7.05	2,383	10		--
	3/2/99	1000	0	22.0	7.00	2,770	48	clear	--
		1005	5	22.6	7.00	2,810	10	clear	--
		1010	10	21.7	7.04	2,680	10	clear	--
		1013	15	22.6	7.01	2,540	10	clear	--
		1016	20	22.5	7.02	2,580	10	clear	--
		1020	27	22.7	6.99	2,540	10	clear	--
		TOTAL:	27						
		AVERAGE:*		22.6	7.01	2,553	10		--
	7/14/99	0800	0	21.9	7.24	2,240	120	clear	--
		0802	1	21.9	7.31	2,240	60	clear	--
		0806	2	22.6	7.30	2,250	55	clear	--
		0810	4	22.9	7.29	2,250	51	clear	--
		0814	6	23.1	7.28	2,260	20	clear	--
		0818	8	23.2	7.28	2,260	20	clear	--
		0823	11	23.3	7.28	2,260	18	clear	--
		TOTAL:	11						
		AVERAGE:*		23.3	7.28	2,260	19.3		18.5%

TRC

TABLE 4.4

SUMMARY OF GROUND WATER RESULTS
FIELD WATER QUALITY PARAMETERS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA

WELL NUMBER	DATE	TIME	VOLUME (gal)	TEMP. (°C)	pH (pH units)	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	COLOR	DO* (mg/L)
P-4	1/26/95	1355	5	19.4	7.95	1,300	off scale	brown	5.2
		1420	11	20.7	7.98	1,508	<2.0**	brown	--
		1435	16	20.2	7.80	1,555	**	brown	--
		1445	18	18.4	7.92	1,527	**	lt. brown	6.1
		1510	22	19.8	7.83	1,602	180	lt. brown	--
		1530	26	19.8	7.90	1,762	170	lt. brown	--
		TOTAL:	26						
		AVERAGE:*		19.4	7.88	1,630	175		2.0
	3/17/95	0751	8	23.0	7.57	2,710	off scale	lt. brown	--
		0757	12	23.5	7.40	2,570	off scale	lt. brown	--
		0804	30	23.4	7.43	2,720	off scale	lt. brown	--
		0811	36	23.6	7.37	2,777	off scale	lt. brown	--
		0814	45	23.6	7.40	2,776	off scale	lt. brown	--
		0825	55	23.5	7.39	2,730	off scale	lt. brown	--
		0835	65	23.7	7.38	2,690	off scale	lt. brown	--
		0840	78	23.7	7.42	2,710	52	lt. brown	--
		0855	85	22.0	7.28	2,650	60	lt. brown	--
		0905	96	24.6	7.21	2,700	39	lt. brown	--
		0910	100	24.7	7.23	2,710	30	lt. brown	--
		TOTAL:	100						
		AVERAGE:*		23.8	7.24	2,687	43		--
	12/21/95	0932	5	22.5	7.41	2,110	off scale	tan	--
		0934	10	22.3	7.44	2,120	110	clear	--
		0936	15	22.5	7.46	2,140	71	clear	--
		0938	20	22.5	7.45	2,130	24	clear	--
		TOTAL:	20						
		AVERAGE:*		22.4	7.45	2,130	68		--
	3/18/96	1314	5	23.2	7.82	2,140	15	clear	--
		1316	10	23.4	7.70	2,160	4	clear	--
		1318	15	23.4	7.71	2,200	9	clear	--
		1321	20	23.4	7.67	2,180	5	clear	--
		TOTAL:	20						
		AVERAGE:*		23.4	7.69	2,180	6		--
	9/16/96	0958	3	24.1	7.57	2,960	776	cloudy	--
		1000	8	24.2	7.51	3,220	208	cloudy	--
		1002	11	24.4	7.52	3,130	173	sl. cloudy	--
		TOTAL:	11						
		AVERAGE:*		24.2	7.53	3,103	386		--
	7/9/97	1500	3	--	--	--	--	--	--
		TOTAL:	3						
		AVERAGE:*		--	--	--	--		--
	WELL ABANDONED 10/97								
P-5	1/26/95	1705	5	17.5	7.59	1,511	162	clear	1.5
		1710	18	19.2	7.38	1,600	57	clear	--
		1712	28	19.4	7.39	1,545	23	clear	1.4
		1715	40	19.5	7.39	1,510	20	clear	2.6
		TOTAL:	40						
		AVERAGE:*		19.4	7.39	1,552	33		1.3
	3/17/95	1129	3	21.0	8.60	2,000	190	clear	0.5
		1131	18	22.0	8.70	2,000	90	clear	0.6
		1133	23	22.0	8.70	2,000	60	clear	0.6
		1136	28	22.0	8.70	2,000	30	clear	0.6
		1140	38	22.0	8.70	2,000	20	clear	0.6
		1143	45	22.0	8.70	2,000	20	clear	0.6
		TOTAL:	45						
		AVERAGE:*		22.0	8.70	2,000	23		0.6
	12/27/95	0902	5	22.8	7.79	2,100	<10	clear	--
		0904	10	22.6	7.81	2,140	33	cloudy	--
		0908	25	22.6	7.82	2,140	21	clear	--
		0910	35	22.6	7.81	2,110	22	clear	--
		TOTAL:	35						
		AVERAGE:*		22.6	7.81	2,130	25		--

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TABLE 4.4

SUMMARY OF GROUND WATER RESULTS
FIELD WATER QUALITY PARAMETERS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA

WELL NUMBER	DATE	TIME	VOLUME (gal)	TEMP. (°C)	pH (pH units)	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	COLOR	DO* (mg/L)
P-5 (Continued)	3/19/96	0926	5	21.7	7.16	2,920	436	gray	--
		0931	15	22.5	7.19	2,890	116	clear	--
		0934	25	22.7	7.21	2,870	110	clear	--
		0937	35	22.7	7.22	2,860	40	clear	--
		TOTAL:	35						
		AVERAGE:*		22.6	7.21	2,873	89		--
	6/25/96	1436	5	23.4	6.98	2,460	999	silty	--
		1438	10	23.1	6.96	2,980	642	silty	--
		1440	15	23.0	6.94	3,060	238	cloudy	--
		1442	20	22.9	6.98	3,060	114	cloudy	--
		1445	25	22.6	6.94	3,070	81	cloudy	--
		TOTAL:	25						
		AVERAGE:*		22.8	6.95	3,063	144		--
	9/17/96	1427	5	24.1	7.05	3,230	199	sl.cloudy	--
		1429	10	23.5	7.01	3,280	93	sl. cloudy	--
		1432	15	23.4	7.00	3,350	37	clear	--
		1437	25	23.4	6.98	3,380	16	clear	--
		TOTAL:	25						
		AVERAGE:*		23.4	7.00	3,337	49		--
	7/9/97	1118	0	24.8	6.97	1,410	>999	silty brown	--
		1126	10	24.2	6.91	2,510	>999	silty brown	--
		1129	14	--	--	--	--	--	--
		TOTAL:	14						
		AVERAGE:*		24.5	6.94	1,960	>999		--
P-6	3/17/95	1123	3	22.3	7.48	2,400	60	clear	--
		1128	10	23.1	7.38	2,440	61	clear	--
		1134	18	23.3	7.34	2,500	64	clear	--
		TOTAL:	18						
		AVERAGE:*		22.9	7.40	2,447	62		--
	12/20/95	0910	4	21.2	9.65	2,990	540	tan	--
		0912	8	22.2	9.51	2,680	256	tan	--
		0914	12	22.2	9.58	2,710	72	cloudy	--
		0915	16	22.5	9.47	2,720	141	cloudy	--
		0916	20	22.5	9.46	2,720	91	cloudy	--
		TOTAL:	20						
		AVERAGE:*		22.4	9.50	2,717	101		--
	3/18/96	0840	5	21.4	7.97	2,740	10	clear	--
		0843	10	21.5	7.81	2,700	10	clear	--
		0844	15	21.8	7.76	2,770	10	clear	--
		0846	20	22.2	7.75	2,810	10	clear	--
		TOTAL:	20						
		AVERAGE:*		21.8	7.77	2,760	10		--
	6/20/96	1003	3	24.5	7.54	3,490	95	clear	--
		1005	6	22.5	7.41	2,730	32	clear	--
		1007	9	23.1	7.41	2,730	15	clear	--
		1010	12	23.2	7.43	2,780	26	clear	--
		1013	15	23.1	7.42	2,770	20	clear	--
		TOTAL:	15						
		AVERAGE:*		23.1	7.42	2,760	20		--
	9/12/96	0841	5	22.3	7.28	2,420	90	clear	--
		0844	10	22.7	7.42	2,320	78	clear	--
		0847	15	22.6	7.42	2,320	139	clear	--
		TOTAL:	15						
		AVERAGE:*		22.5	7.39	2,518	69		--
	7/9/97	1024	0	24.6	7.28	2,111	133	clear	--
		1030	5	24.7	7.23	2,020	40	clear	--
		1035	10	25.2	7.26	1,930	0	clear	--
		1040	15	25.2	7.27	1,920	0	clear	--
		1045	20	25.2	7.28	1,920	0	clear	--
		1050	25	25.3	7.28	1,910	0	clear	--
		TOTAL:	25						
		AVERAGE:*		25.2	7.28	1,917	0		--
	WELL ABANDONED 10/97								

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TABLE 4.4

SUMMARY OF GROUND WATER RESULTS
FIELD WATER QUALITY PARAMETERS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA

WELL NUMBER	DATE	TIME	VOLUME (gal)	TEMP. (°C)	pH (pH units)	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	COLOR	DO* (mg/L)
P-6B	3/3/99	0913	0	21.7	7.18	2,000	145	lt. brown	--
		0918	5	22.1	7.46	2,000	685	brown	--
		0923	10	21.7	7.44	2,000	999	brown	--
		0927	15	22.7	7.50	2,000	999	brown	--
		0932	20	22.9	7.45	2,000	999	brown	--
		0936	25	23.1	7.46	2,000	999	brown	--
		TOTAL:	25						
		AVERAGE:*		22.9	7.47	2,000	999		--
	7/14/99	1500	0	23.9	7.65	1,800	837	lt. brown	--
		1510	5	23.6	7.66	1,720	406	lt. brown	--
		1520	10	23.6	7.62	1,740	325	lt. brown	--
		1528	15	23.6	7.62	1,750	200	clear	--
		1538	20	23.6	7.62	1,760	198	clear	--
		TOTAL:	20						
		AVERAGE:*		23.6	7.62	1,750	241		19.7%
P-7	3/17/95	1345	6	23.0	8.50	1,000	30	clear	0.4
		1400	17	23.0	8.60	1,000	20	clear	0.5
		1405	25	23.0	8.70	1,000	20	clear	0.5
		1410	30	23.0	8.60	1,000	20	--	0.6
		TOTAL:	30						
		AVERAGE:*		23.0	8.63	1,000	20		0.5
	12/21/95	1123	5	21.1	7.63	1,110	<10	clear	--
		1124	10	21.9	7.56	1,110	<10	clear	--
		1127	20	22.2	7.56	1,100	<10	clear	--
		1130	30	22.2	7.58	1,100	<10	clear	--
		TOTAL:	30						
		AVERAGE:*		22.1	7.57	1,103	<10		--
	3/18/96	1138	5	23.0	7.78	1,190	41	clear	--
		1141	10	23.0	7.72	1,160	20	clear	--
		1144	20	23.1	7.73	1,150	28	clear	--
		1147	32	23.1	7.72	1,160	33	clear	--
		TOTAL:	32						
		AVERAGE:*		23.1	7.72	1,157	27		--
	6/24/96	1016	5	22.1	7.84	1,280	45	clear	--
		1018	10	21.3	7.63	1,220	9	clear	--
		1021	15	22.5	7.71	1,230	0	clear	--
		1024	20	22.6	7.61	1,220	-1	clear	--
		1027	25	21.3	7.62	1,210	-2	clear	--
		TOTAL:	25						
		AVERAGE:*		22.1	7.65	1,220	-1		--
	9/16/96	0905	5	22.6	7.40	1,220	28	clear	--
		0908	10	22.6	7.58	1,270	5	clear	--
		0911	15	22.6	7.60	1,160	1	clear	--
		0914	20	22.7	7.58	1,240	3	clear	--
		0917	25	22.6	7.60	1,240	0	clear	--
		TOTAL:	25						
		AVERAGE:*		22.6	7.59	1,213	1		--
	7/9/97	1420	0	26.3	7.17	1,390	>999	silty brown	--
		1428	10	24.2	6.96	1,680	>999	lt. brown	--
		1429	11	--	--	--	--	--	--
		TOTAL:	11						
		AVERAGE:*		16.8	4.71	1,023	>999		--
	3/4/99	0820	0	20.4	6.55	--	19	grey/blue	--
		0901	5	21.7	6.85	--	380	grey	--
		0907	10	22.5	7.05	--	712	dark gray	--
		0911	15	22.4	7.12	--	816	dark brown	--
		0916	20	22.5	7.06	--	641	brown	--
		0920	24	22.6	7.09	--	552	brown	--
		TOTAL:	24						
		AVERAGE:*		22.5	7.09	--	670		--

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TABLE 4.4

SUMMARY OF GROUND WATER RESULTS
FIELD WATER QUALITY PARAMETERS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA

WELL NUMBER	DATE	TIME	VOLUME (gal)	TEMP. (°C)	pH (pH units)	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	COLOR	DO* (mg/L)
P-7 (Continued)	7/15/99	1056	0	25.1	7.10	1,650	360	lt. gray	--
		1105	5	24.5	7.17	1,300	308	lt. gray	--
		1115	10	24.3	7.31	1,340	500	lt. gray	--
		1124	15	24.5	7.46	1,390	70	clear	--
		1134	20	24.6	7.47	1,390	66	clear	--
		1143	25	24.5	7.49	1,400	55	clear	--
		TOTAL:	25						
		AVERAGE:*		24.5	7.47	1,393	63.6		9.8%
P-8	3/17/95	1020	5	20.0	7.85	1,460	74	clear	--
		1032	18	22.3	7.53	1,460	97	clear	--
		1036	25	22.4	7.51	1,470	111	--	--
		1040	30	22.4	7.51	1,450	95	--	--
		1043	35	22.3	7.47	1,430	63	--	--
		1047	40	22.4	7.43	1,430	40	clear	--
		1050	43	--	--	--	--	--	--
		TOTAL:	43						
		AVERAGE:*		22.4	7.45	1,430	52		--
	WELL ABANDONED 8/97								
P-9	3/17/95	0923	2	20.7	7.37	2,940	40	clear	-0.1
		0928	10	21.6	7.38	2,920	91	clear	--
		0931	18	21.2	7.35	2,910	64	clear	--
		0935	25	21.3	7.36	2,920	53	clear	--
		0940	30	21.7	7.34	3,050	50	clear	--
		0945	35	22.0	7.38	2,950	40	clear	--
		TOTAL:	35						
		AVERAGE:*		21.7	7.36	2,973	48		-0.1
	12/20/95	0959	5	21.8	7.67	2,360	off scale	tan	--
		1003	10	22.2	7.66	2,320	436	tan	--
		1008	20	21.7	7.60	2,320	61	cloudy	--
		1011	25	22.2	7.61	2,390	off scale	tan	--
		1014	36	22.2	7.60	2,380	300	tan	--
		TOTAL:	36						
		AVERAGE:*		22.0	7.60	2,363	181		--
	3/18/96	1102	5	21.8	7.98	2,560	10	clear	--
		1104	15	21.8	8.05	248	110	tan	--
		1107	25	22.0	8.07	2,490	120	tan	--
		1111	35	22.0	8.06	2,490	141	tan	--
		TOTAL:	35						
		AVERAGE:*		21.9	8.06	1,743	124		--
	6/26/96	1002	5	22.1	7.47	2,620	4	sl. cloudy	--
		1005	10	22.2	7.50	2,430	4	clear	--
		1009	15	22.2	7.50	2,450	-10	clear	--
		1012	20	22.1	7.52	2,400	-10	clear	--
		1015	25	22.0	7.51	2,270	-10	clear	--
		TOTAL:	25						
		AVERAGE:*		22.1	7.51	2,373	-10		--
	9/12/96	1229	5	24.9	7.61	2,500	113	clear	--
		1231	10	24.2	7.60	2,470	88	clear	--
		1234	15	23.7	7.59	2,450	507	clear	--
		1237	20	23.2	7.60	2,440	134	clear	--
		1240	25	23.0	7.56	2,400	13	clear	--
		TOTAL:	25						
		AVERAGE:*		23.3	7.58	2,430	218		--
	7/9/97	1317	0	26.4	7.84	874	>999	silty brown	--
		1324	10	24.0	7.24	2,220	95	clear	--
		1332	20	24.0	7.23	2,190	52	clear	--
		1341	30	24.0	7.23	2,170	15	clear	--
		1350	40	24.0	7.23	2,160	13	clear	--
		TOTAL:	40						
		AVERAGE:*		24.0	7.23	2,193	54		--
	WELL ABANDONED 10/97								

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TABLE 4.4

SUMMARY OF GROUND WATER RESULTS
FIELD WATER QUALITY PARAMETERS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA

WELL NUMBER	DATE	TIME	VOLUME (gal)	TEMP. (°C)	pH (pH units)	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	COLOR	DO* (mg/L)
P-9B	3/3/99	1126	0	21.2	7.47	1,790	427	lt. brown	--
		1130	5	21.8	7.00	3,370	33	clear	--
		1134	10	22.0	7.05	3,210	7	clear	--
		1141	20	22.1	7.09	3,110	1	clear	--
		1147	30	21.9	7.09	3,080	1	clear	--
		1158	45	21.8	7.10	3,090	2	clear	--
		TOTAL:	45						
		AVERAGE:*		21.9	7.09	3,093	1		--
	7/14/99	1400	0	25.6	7.25	2,850	80	clear	--
		1410	5	23.5	7.29	2,740	52	clear	--
		1419	10	23.0	7.23	2,500	10	clear	--
		1427	15	22.9	7.24	2,500	10	clear	--
		1435	20	23.0	7.26	2,490	9	clear	--
		1443	24	23.1	7.26	2,490	8	clear	--
		TOTAL:	24						
		AVERAGE:*		23.0	7.25	2,493	9		61.3%
P-10	3/17/95	0755	4	17.1	8.51	1,880	30	clear	0.4
		0807	8	20.4	7.88	1,980	226	clear	0.2
		0817	10	21.8	7.42	2,000	162	--	0.2
		0827	12	21.8	7.44	1,950	55	clear	0.1
		0840	15	22.0	7.44	1,920	23	clear	0.1
		TOTAL:	15						
		AVERAGE:*		21.9	7.43	1,957	80		0.1
	12/19/95	1054	2	25.5	7.59	2,350	off scale	tan	--
		1056	5	24.5	7.67	1,900	458	tan	--
		1058	7	23.3	7.72	1,820	169	tan	--
		1059	12	22.8	7.78	1,790	14	clear	--
		1101	16	22.6	7.77	1,840	18	clear	--
		1104	18	22.5	7.77	1,810	19	clear	--
		TOTAL:	18						
		AVERAGE:*		22.6	7.77	1,813	17		--
	3/14/96	0734	5	19.1	7.45	1,930	113	cloudy	--
		0738	10	20.2	7.83	1,750	6	clear	--
		0741	13	21.2	7.90	1,880	10	clear	--
		0745	18	21.2	7.90	1,890	4	clear	--
		TOTAL:	18						
		AVERAGE:*		20.9	7.88	1,840	7		--
	6/18/96	1422	5	24.1	7.78	2,000	<10	clear	--
		1425	10	--	--	--	--	tan	--
		TOTAL:	10						
		AVERAGE:*		--	--	--	--		--
	9/11/96	0938	3	22.4	6.83	1,780	137	cloudy	--
		0940	6	22.3	7.51	1,700	21	clear	--
		0942	9	22.2	7.57	1,710	15	clear	--
		0944	12	22.3	7.67	1,770	5	clear	--
		TOTAL:	12						
		AVERAGE:*		22.3	7.58	1,727	14		--
	7/8/97	0840	0	23.9	7.36	432	139	clear	--
		0846	5	23.1	6.89	1,600	122	clear	--
		0852	10	23.3	6.92	1,630	0	clear	--
		0857	15	23.4	6.98	1,710	0	clear	--
		0903	20	23.5	7.03	1,730	0	clear	--
		TOTAL:	20						
		AVERAGE:*		23.4	6.98	1,690	0		--
	3/1/99	1545	0	22.6	6.56	2,170	149	clear	--
		1550	5	22.5	7.07	2,140	348	clear	--
		1552	10	22.2	7.09	2,040	102	clear	--
		1558	15	21.7	7.09	2,090	0	clear	--
		1604	22	21.8	7.08	2,030	0	clear	--
		TOTAL:	22						
		AVERAGE:*		21.9	7.09	2,053	34		--

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TABLE 4.4

SUMMARY OF GROUND WATER RESULTS
FIELD WATER QUALITY PARAMETERS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA

WELL NUMBER	DATE	TIME	VOLUME (gal)	TEMP. (°C)	pH (pH units)	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	COLOR	DO* (mg/L)
P-10 (Continued)	7/13/99	0845	0	22.6	7.51	1,930	113	clear	--
		0852	3	23.4	7.49	1,910	90	clear	--
		0859	6	23.9	7.49	1,890	20	clear	--
		0905	9	24.1	7.50	1,890	20	clear	--
		0911	12	24.1	7.52	1,880	18	clear	--
		0918	16	24.1	7.52	1,880	18	clear	--
		TOTAL:	16						
		AVERAGE:*		24.1	7.51	1,883	18.6		82.0%
P-11	12/27/95	0932	5	22.6	7.77	1,000	<10	clear	--
		0936	15	22.8	7.79	980	<10	clear	--
		0938	20	22.8	7.78	970	<10	clear	--
		TOTAL:	20						
		AVERAGE:*		22.8	7.78	980	<10		--
	3/14/96	0802	5	21.0	7.38	3,980	10	clear	--
		0805	9	21.3	7.43	3,940	10	clear	--
		0818	12	21.8	7.43	4,120	10	clear	--
		0821	15	21.5	7.45	4,190	10	clear	--
		TOTAL:	15						
		AVERAGE:*		21.5	7.44	4,083	10		--
	6/19/96	0700	5	21.6	6.97	4,300	463	clear	--
		0702	10	21.7	7.11	4,160	123	clear	--
		0703	13	--	--	--	--	--	--
		TOTAL:	13						
		AVERAGE:*		14.4	4.69	2,820	195		--
	9/11/96	1014	3	22.5	7.58	3,890	106	sl. cloudy	--
		1016	6	22.6	7.53	3,760	87	clear	--
		1018	9	22.4	7.60	3,830	69	clear	--
		1020	12	22.5	7.64	3,810	79	clear	--
		1022	15	22.6	7.57	3,930	83	sl. cloudy	--
		TOTAL:	15						
		AVERAGE:*		22.5	7.60	3,857	77		--
	7/8/97	1114	0	23.8	7.00	3,600	168	clear	--
		1117	5	23.4	7.05	3,460	171	clear	--
		1122	10	23.8	7.02	3,616	66	clear	--
		1126	15	24.0	7.08	3,320	91	clear	--
		1132	20	24.1	7.10	3,480	62	clear	--
		1134	22	24.1	7.11	3,480	69	clear	--
		TOTAL:	22						
		AVERAGE:*		24.1	7.10	3,427	74		--
	WELL ABANDONED 10/97								
P-12	12/21/95	1147	5	22.1	7.61	1,100	460	tan	--
		1150	10	22.1	7.41	1,110	120	tan	--
		1153	20	22.1	7.45	1,090	<10	clear	--
		1154	25	22.1	7.44	1,090	<10	clear	--
		TOTAL:	25						
		AVERAGE:*		22.1	7.43	1,097	120		--
	3/19/96	1038	5	22.2	7.75	2,130	23	clear	--
		1040	10	22.5	7.68	2,220	>999	brown	--
		TOTAL:	10						
		AVERAGE:*		22.4	7.72	2,175	--		--
	6/26/96	0936	3	22.7	7.70	2,250	36	clear	--
		0938	6	22.1	7.45	2,160	-10	clear	--
		0940	9	22.2	7.49	2,230	715	cloudy	--
		0942	12	22.4	7.45	2,220	716	cloudy	--
		TOTAL:	12						
		AVERAGE:*		22.2	7.46	2,203	474		--
	9/18/96	0734	4	21.0	7.21	2,090	40	clear	--
		0736	8	21.7	7.45	2,010	9	clear	--
		0739	12	22.0	7.50	1,950	76	sl. cloudy	--
		TOTAL:	12						
		AVERAGE:*		21.6	7.39	2,017	42		--

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TABLE 4.4

SUMMARY OF GROUND WATER RESULTS
FIELD WATER QUALITY PARAMETERS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA

WELL NUMBER	DATE	TIME	VOLUME (gal)	TEMP. (°C)	pH (pH units)	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	COLOR	DO* (mg/L)
P-12 (Continued)	7/10/97	0721	0	22.1	7.06	1,460	57	clear	--
		0726	3	23.0	6.95	2,250	48	clear	--
		0729	6	23.2	6.99	1,980	0	clear	--
		0732	9	23.3	6.97	2,080	0	clear	--
		0736	12	23.4	6.97	2,020	0	clear	--
		TOTAL:	12						
		AVERAGE:*		23.3	6.98	2,027	0		--
	3/3/99	1514	0	21.1	7.04	2,850	30	light green	--
		1516	2	21.6	7.04	2,750	64	light green	--
		1518	3	21.7	7.02	2,750	28	light green	--
		1519	4	21.6	7.06	2,800	155	clear	--
		1521	6	21.1	7.03	2,700	2	clear	--
		1523	8	22.4	7.05	2,630	59	clear	--
		1525	10	22.0	7.05	2,590	23	clear	--
		1527	12	22.2	7.05	2,620	10	clear	--
		1529	15	22.1	7.08	2,710	5	clear	--
		TOTAL:	15						
		AVERAGE:*		22.1	7.06	2,640	13		--
	WELL DAMAGED 7/99								
P-13	12/21/95	1046	5	20.5	8.46	1,110	560	tan	--
		1048	10	21.5	8.51	1,150	97	clear	--
		1052	20	21.5	8.52	1,180	50	clear	--
		1056	30	21.5	8.51	1,160	<10	clear	--
		TOTAL:	30						
		AVERAGE:*		21.5	8.51	1,163	74		--
	3/14/96	1425	5	22.2	8.62	967	43	tan	--
		1427	10	21.8	8.35	912	90	tan	--
		1430	15	21.7	8.32	901	118	tan	
		1432	20	21.6	8.27	893	--	--	--
		1434	25	--	--	--	--	--	--
		TOTAL:	25						
		AVERAGE:*		21.7	8.31	902	104		--
	6/19/96	1404	5	24.3	8.07	1,050	376	silty	--
		1407	10	23.7	8.27	920	464	silty	--
		1408	15	23.1	8.33	915	312	silty	--
		--	18	--	--	--	--	--	--
		TOTAL:	18						
		AVERAGE:*		23.7	8.22	962	384		--
	9/11/96	1229	5	24.3	8.73	1,010	65	cloudy	--
		1233	10	23.4	8.26	1,000	-1	clear	--
		1236	15	22.9	8.27	990	0	clear	--
		1240	20	22.6	8.29	876	-1	clear	--
		TOTAL:	20						
		AVERAGE:*		23.0	8.27	955	-1		--
	7/8/97	1614	0	27.7	8.11	444	11	clear	--
		1617	5	22.9	7.63	847	132	clear	--
		1621	10	22.7	7.66	846	16	clear	--
		1624	15	22.7	7.62	846	8	clear	--
		1627	20	22.6	7.61	846	3	clear	--
		1631	25	22.6	7.60	847	3	clear	--
		1635	30	22.6	7.59	847	3	clear	--
		1638	35	22.7	7.59	847	0	clear	--
		TOTAL:	35						
		AVERAGE:*		22.6	7.59	847	2		--
	WELL ABANDONED 10/97								
P-14	12/21/95	1004	10	22.3	7.10	1,810	91	cloudy	--
		1005	15	22.5	7.08	1,820	19	clear	--
		1010	25	22.5	7.01	1,800	<10	clear	--
		1013	32	22.5	6.99	1,810	<10	clear	--
		TOTAL:	32						
		AVERAGE:*		22.5	7.03	1,810	19		--

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TABLE 4.4

SUMMARY OF GROUND WATER RESULTS
FIELD WATER QUALITY PARAMETERS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA

WELL NUMBER	DATE	TIME	VOLUME (gal)	TEMP. (°C)	pH (pH units)	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	COLOR	DO* (mg/L)
P-14 (Continued)	3/19/96	0824	5	21.3	7.86	1,560	43	yellow	--
		0826	15	21.7	7.87	1,580	202	yellow tan	--
		0830	25	22.1	7.84	1,550	18	yellow tan	--
		0834	35	22.5	7.81	1,530	17	clear	--
		TOTAL:	35						
		AVERAGE:*		22.1	7.84	1,553	79		--
	6/26/96	0818	5	21.2	7.21	1,580	-10	sl. cloudy	--
		0821	10	21.6	7.48	1,570	-10	sl. cloudy	--
		0824	15	22.5	7.51	1,550	-10	sl. cloudy	--
		0827	20	22.6	7.15	1,610	13	sl. cloudy	--
		0830	25	22.5	7.45	1,610	-10	sl. cloudy	--
		TOTAL:	25						
		AVERAGE:*		22.5	7.37	1,590	-2		--
	9/17/96	0925	5	22.4	7.76	1,290	14	clear	--
		0928	10	22.8	7.68	1,370	4	clear	--
		0931	15	22.9	7.70	1,530	6	clear	--
		0936	25	23.0	7.67	1,550	8	clear	--
		TOTAL:	25						
		AVERAGE:*		22.9	7.68	1,483	6		--
	7/10/97	0840	0	22.6	7.31	1,500	318	cloudy	--
		0846	10	23.3	7.17	1,320	16	clear	--
		0852	20	23.4	7.16	1,340	0	clear	--
		0858	30	23.5	7.13	1,360	0	clear	--
		0904	40	23.5	7.12	1,360	0	clear	--
		TOTAL:	40						
		AVERAGE:*		23.5	7.14	1,353	0		--
	WELL ABANDONED 10/97								
P-15	12/27/95	1053	10	22.4	7.29	2,610	61	clear	--
		1056	15	22.8	7.66	2,600	20	clear	--
		1059	25	22.8	7.67	2,660	<10	clear	--
		1102	30	22.8	7.67	2,630	<10	clear	--
		TOTAL:	30						
		AVERAGE:*		22.8	7.67	2,630	20		--
	3/19/96	1003	5	21.7	8.01	1,410	28	clear	--
		1007	15	22.5	7.97	1,450	15	clear	--
		1010	25	22.6	7.91	1,470	9	clear	--
		1012	30	22.7	7.92	1,440	13	clear	--
		TOTAL:	30						
		AVERAGE:*		22.6	7.93	1,453	12		--
	6/26/96	0855	5	22.2	7.93	1,400	-10	clear	--
		0857	10	22.1	7.73	1,300	-10	clear	--
		0900	15	22.7	7.72	1,320	-10	clear	--
		0902	20	22.6	7.68	1,330	-10	clear	--
		TOTAL:	20						
		AVERAGE:*		22.5	7.71	1,317	-10		--
	9/18/96	0805	5	21.9	7.81	1,300	12	sl. cloudy	--
		0808	10	22.5	7.76	1,310	10	clear	--
		0810	15	22.8	7.73	1,330	-10	clear	--
		0816	22	22.9	7.73	1,300	-10	clear	--
		TOTAL:	22						
		AVERAGE:*		22.7	7.74	1,313	-3		--
	7/10/97	1130	0	25.5	7.85	571	55	clear	--
		1138	10	24.2	7.29	1,250	0	clear	--
		1146	20	24.1	7.26	1,240	0	clear	--
		1153	30	24.1	7.25	1,230	0	clear	--
		1156	34	24.1	7.25	1,220	0	clear	--
		TOTAL:	34						
		AVERAGE:*		24.1	7.25	1,230	0		--
	WELL ABANDONED 10/97								
P-16A	12/26/95	1124	10	22.8	7.61	2,060	152	cloudy	--
		1127	20	22.8	7.66	2,080	100	cloudy	--
		1130	30	22.7	7.71	2,090	66	cloudy	--
		1132	33	22.8	7.78	2,080	71	cloudy	--
		TOTAL:	33						
		AVERAGE:*		22.8	7.72	2,083	79		--

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TABLE 4.4

SUMMARY OF GROUND WATER RESULTS
FIELD WATER QUALITY PARAMETERS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA

WELL NUMBER	DATE	TIME	VOLUME (gal)	TEMP. (°C)	pH (pH units)	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	COLOR	DO* (mg/L)
P-16A	3/18/96	1340	5	22.2	7.64	2,070	39	clear	--
		1344	15	22.3	7.61	2,080	19	clear	--
		1349	25	22.5	7.59	2,160	79	cloudy	--
		1353	35	22.4	7.62	2,180	34	cloudy	--
		TOTAL:	35						
		AVERAGE:*		22.4	7.61	2140	44		--
	6/25/96	0828	5	21.4	6.86	1,680	-10	clear	--
		0831	10	21.4	7.31	1,660	-10	sl. cloudy	--
		0834	15	22.0	7.35	1,700	-10	sl. cloudy	--
		0838	20	22.2	7.35	1,800	-10	sl. cloudy	--
		0841	25	22.2	7.51	1,800	-10	sl. cloudy	--
		TOTAL:	25						
		AVERAGE:*		22.1	7.40	1,767	-10		--
	9/16/96	1037	5	22.8	7.46	2,720	46	clear	--
		1040	10	23.0	7.44	2,710	14	clear	--
		1043	15	23.0	7.46	2,670	25	clear	--
		1046	20	22.9	7.57	2,670	14	clear	--
		1049	25	22.9	7.46	2,680	7	clear	--
		TOTAL:	25						
		AVERAGE:*		22.9	7.50	2,673	15		--
	7/9/97	1533	0	26.0	7.63	2,160	642	cloudy	--
		1540	10	23.9	7.05	2,280	26	clear	--
		1549	20	24.0	7.03	2,340	14	clear	--
		1558	30	23.8	7.02	2,340	2	clear	--
		1605	40	23.7	7.02	2,340	0	clear	--
		TOTAL:	40						
		AVERAGE:*		23.8	7.02	2,340	5		--
	3/4/99	1000	0	21.6	7.09	--	999	lt. tan	--
		1005	5	22.1	7.03	--	999	lt. tan	--
		1009	10	22.5	7.07	--	334	lt. tan	--
		1013	15	22.4	7.15	--	999	lt. tan	--
		1016	20	22.3	7.02	4,450	999	lt. tan	--
		1023	30	22.5	7.05	4,190	670	lt. tan	--
		1031	40	21.9	7.00	4,130	408	lt. tan	--
		TOTAL:	40						
		AVERAGE:*		22.2	7.02	4,257	692		--
	7/15/99	0702	0	22.0	7.13	3,090	>999	brown	--
		0712	5	22.4	7.40	2,450	>999	lt. brown	--
		0721	10	22.6	7.25	2,430	752	lt. brown	--
		0730	15	23.4	7.33	2,420	495	lt. brown	--
		0740	20	23.6	7.31	2,460	479	lt. brown	--
		0749	25	23.5	7.28	2,420	475	lt. brown	--
		0800	31	23.5	7.28	2,420	473	lt. brown	--
		TOTAL:	31						
		AVERAGE:*		23.5	7.29	2,433	476		61.9%
P-16B	12/19/95	1151	10	22.5	7.92	3,450	<10	very clear	--
		1155	20	22.5	7.76	3,420	<10	very clear	--
		1202	40	22.3	7.74	3,390	<10	very clear	--
		1212	60	22.3	7.71	3,380	<10	very clear	--
		1250	80	22.3	7.72	3,360	<10	very clear	--
		1304	100	22.4	7.69	3,380	<10	very clear	--
		1310	112	22.4	7.70	3,380	<10	very clear	--
		TOTAL:	112						
		AVERAGE:*		22.4	7.70	3,373	< 10		--
	3/18/96	0925	10	21.5	8.05	3,540	9	clear	--
		0931	30	21.8	7.85	3,570	12	clear	--
		0935	40	22.0	7.83	3,610	9	clear	--
		0939	50	22.0	7.84	3,610	45	clear	--
		0945	70	22.0	7.83	3,610	4	clear	--
		0952	90	22.1	7.77	3,600	6	clear	--
		1000	115	22.1	7.81	3,610	5	clear	--
		TOTAL:	115						
		AVERAGE:*		22.1	7.80	3,607	5		--

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TABLE 4.4

SUMMARY OF GROUND WATER RESULTS
FIELD WATER QUALITY PARAMETERS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA

WELL NUMBER	DATE	TIME	VOLUME (gal)	TEMP. (°C)	pH (pH units)	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	COLOR	DO* (mg/L)
P-16B (Continued)	6/24/96	0859	10	21.7	7.31	3,770	10	clear	--
		0904	20	21.9	7.72	3,810	5	clear	--
		0909	30	22.0	7.81	3,800	1	clear	--
		0918	50	22.2	7.68	3,810	2	clear	--
		0924	70	22.3	7.67	3,810	1	clear	--
		0932	85	22.2	7.70	3,830	1	clear	--
		TOTAL:	85						
		AVERAGE:*		22.2	7.68	3,817	1		--
	WELL DESTROYED 8/96								
P-16C	9/12/96	0935	10	22.6	7.76	3,630	117	cloudy	--
		0940	20	22.5	7.72	3,610	109	cloudy	--
		TOTAL:	20						
		AVERAGE:*		22.6	7.74	3,620	113		--
	7/9/97	0755	0	22.4	7.37	3,300	16	clear	--
		0812	20	23.3	7.23	3,430	0	clear	--
		0829	40	23.4	7.26	3,450	0	clear	--
		0844	60	23.5	7.27	3,460	0	clear	--
		0858	80	23.5	7.28	3,450	0	clear	--
		0912	100	23.5	7.28	3,450	0	clear	--
		0930	125	23.6	7.29	3,440	0	clear	--
		TOTAL:	125						
		AVERAGE:*		23.5	7.28	3,447	0		--
	3/2/99	1151	0	22.3	6.64	3,850	148	lt. brown	--
		1157	10	22.1	6.91	3,930	71	lt. brown	--
		1214	30	21.7	6.95	3,870	135	lt. brown	--
		1227	50	21.8	6.96	4,050	7	clear	--
		1242	70	21.9	7.00	4,010	5	clear	--
		1258	90	22.0	7.02	3,990	2	clear	--
		1630	110	21.9	7.20	3,860	164	lt. brown	--
		1637	125	22.3	7.08	3,880	107	lt. brown	--
		TOTAL:	125						
		AVERAGE:*		22.1	7.10	3,910	91		--
	7/14/99	950	0	22.6	7.38	3,160	148	lt. brown	--
		1008	10	22.8	7.28	3,210	70	clear	--
		1023	20	23.2	7.41	3,280	10	clear	--
		1039	30	23.2	7.33	3,280	4	clear	--
		1058	40	23.3	7.33	3,290	4	clear	--
		1117	60	22.9	7.29	3,330	3	clear	--
		1140	80	22.9	7.30	3,310	3	clear	--
		1151	90	22.9	7.30	3,310	3	clear	--
		1156	95	22.9	7.30	3,310	3	clear	--
		TOTAL:	95						
		AVERAGE:*		22.9	7.30	3,310	3		31.9%
P-17	12/21/95	1217	5	21.3	8.12	2,200	<10	clear	--
		1220	10	22.5	7.84	2,050	15	cloudy	--
		1223	20	22.6	7.82	2,110	346	tan	--
		1226	30	22.6	7.79	2,100	300	tan	--
		TOTAL:	30						
		AVERAGE:*		22.6	7.82	2,087	220		--
	3/19/96	1151	5	22.9	7.95	2,050	26	clear	--
		1155	15	23.1	7.86	2,010	135	clear	--
		1157	25	23.2	7.81	2,020	165	clear	--
		1200	35	23.0	7.82	2,080	156	clear	--
		TOTAL:	35						
		AVERAGE:*		23.1	7.83	2,037	152		--
	9/18/96	0953	5	22.7	7.63	2,010	36	clear	--
		0956	10	23.0	7.64	2,020	12	clear	--
		0958	15	23.0	7.63	2,030	11	clear	--
		1003	25	23.2	7.63	2,090	8	clear	--
		TOTAL:	25						
		AVERAGE:*		23.1	7.63	2,047	10		--

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TABLE 4.4

SUMMARY OF GROUND WATER RESULTS
FIELD WATER QUALITY PARAMETERS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA

WELL NUMBER	DATE	TIME	VOLUME (gal)	TEMP. (°C)	pH (pH units)	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	COLOR	DO* (mg/L)
P-17 (Continued)	7/10/97	1233	0	25.9	7.92	1,370	19	clear	--
		1240	10	24.1	7.15	1,870	2	clear	--
		1248	20	24.1	7.13	1,940	0	clear	--
		1255	30	24.1	7.12	1,960	0	clear	--
		1259	36	24.2	7.12	1,980	7	clear	--
		TOTAL:	36						
		AVERAGE:*		24.1	7.12	1,960	2		--
	3/4/99	1304	0	20.0	7.10	2,280	55	clear	--
		1307	5	21.0	6.90	1,810	113	clear	--
		1311	10	22.1	6.68	1,860	15	clear	--
		1315	15	22.2	6.87	2,000	2	clear	--
		1319	20	22.6	6.95	2,000	0	clear	--
		1326	30	22.5	6.94	2,100	0	clear	--
		1333	40	22.4	6.87	2,140	0	clear	--
		TOTAL:	40						
		AVERAGE:*		22.5	6.92	2,080	0		--
	7/15/99	1422	0	24.7	7.48	1,550	160	clear	--
		1431	5	23.6	7.48	1,670	10	clear	--
		1441	10	23.6	7.36	1,760	10	clear	--
		1449	15	23.5	7.37	1,810	10	clear	--
		1458	20	23.4	7.36	1,870	10	clear	--
		1508	25	23.4	7.37	1,890	10	clear	--
		1517	30	23.4	7.37	1,900	10	clear	--
		TOTAL:	30						
		AVERAGE:*		23.4	7.37	1,887	10		80.8%
P-18	12/26/95	1030	5	20.4	7.15	2,100	46	clear	--
		1032	15	20.8	7.86	1,940	120	cloudy	--
		1035	25	20.7	7.85	1,970	71	cloudy	--
		1038	30	20.9	7.77	1,990	115	cloudy	--
		TOTAL:	30						
		AVERAGE:*		20.8	7.83	1,967	102		--
	3/14/96	1504	7	21.5	7.61	2,290	10	clear	--
		1506	14	21.8	7.68	2,010	10	clear	--
		1511	21	21.9	7.72	2,020	10	clear	--
		1515	30	22.0	7.76	2,010	10	clear	--
		TOTAL:	30						
		AVERAGE:*		21.9	7.72	2,013	10		--
	9/12/96	0758	5	21.0	6.99	1,990	97	sl. sloudy	--
		0801	10	21.5	7.49	1,980	62	sl. cloudy	--
		0804	15	21.9	7.51	1,990	33	clear	--
		0808	20	22.0	7.51	2,020	31	clear	--
		TOTAL:	20						
		AVERAGE:*		21.8	7.50	1,997	42		--
	7/8/97	1502	0	24.4	7.29	1,730	168	clear	--
		1506	5	23.6	7.28	1,680	124	clear	--
		1509	10	23.4	7.25	1,730	70	clear	--
		1513	15	23.5	7.25	1,750	26	clear	--
		1517	20	23.5	7.24	1,750	15	clear	--
		1521	25	23.5	7.22	1,740	12	clear	--
		1525	30	23.5	7.21	1,770	8	clear	--
		1529	36	23.5	7.21	1,760	3	clear	--
		TOTAL:	36						
		AVERAGE:*		23.5	7.21	1,757	8		--
	WELL ABANDONED 10/97								
P-19	12/26/95	1053	10	20.1	7.78	1,950	71	clear	--
		1056	20	20.2	7.77	1,990	<10	clear	--
		1059	30	20.4	7.79	2,020	<10	clear	--
		1105	35	20.4	7.78	2,030	<10	clear	--
		TOTAL:	35						
		AVERAGE:*		20.3	7.78	2,013	<10		--
	3/19/96	0734	5	20.6	7.66	2,180	11	clear	--
		0736	15	21.3	7.65	2,190	14	clear	--
		0739	25	21.7	7.65	2,140	25	clear	--
		0744	37	21.8	7.62	2,180	18	clear	--
		TOTAL:	37						
		AVERAGE:*		21.6	7.64	2,170	19		--

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TABLE 4.4

SUMMARY OF GROUND WATER RESULTS
FIELD WATER QUALITY PARAMETERS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA

WELL NUMBER	DATE	TIME	VOLUME (gal)	TEMP. (°C)	pH (pH units)	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	COLOR	DO* (mg/L)
P-19 (Continued)	6/25/96	1115	5	22.8	7.33	2,330	-10	cloudy	--
		1118	10	22.6	7.34	2,320	-10	cloudy	--
		1121	15	22.5	7.33	2,330	-10	cloudy	--
		1124	20	22.6	7.33	2,340	-10	clear	--
		1127	25	22.5	7.33	2,320	-10	clear	--
		TOTAL:	25						
		AVERAGE:*		22.5	7.33	2,330	-10		--
	9/17/96	0722	5	20.8	7.09	2,330	17	clear	--
		0725	10	21.5	7.37	2,310	12	clear	--
		0728	15	22.1	7.40	2,300	2	clear	--
		0724	25	22.3	7.42	2,330	0	clear	--
		TOTAL:	25						
		AVERAGE:*		22.0	7.40	2,313	5		--
	7/9/97	1635	0	25.3	7.41	1,360	37	clear	--
		1643	10	23.6	7.25	1,520	2	clear	--
		1650	20	23.5	7.27	1,460	0	clear	--
		1658	30	23.6	7.27	1,450	0	clear	--
		1707	42	23.5	7.27	1,450	0	clear	--
		TOTAL:	42						
		AVERAGE:*		23.5	7.27	1,453	0		--
	WELL ABANDONED 10/97								
P-20	12/27/95	1252	5	22.3	7.44	2,100	160	clear	--
		1254	10	22.4	7.49	2,270	40	clear	--
		1257	20	22.5	7.51	2,260	<10	clear	--
		1300	30	22.5	7.50	2,250	<10	clear	--
		TOTAL:	30						
		AVERAGE:*		22.5	7.50	2,260	40		--
	3/18/96	1420	5	23.2	7.92	2,050	11	clear	--
		1422	10	23.2	8.25	2,070	14	clear	--
		1425	20	23.4	8.31	2,080	60	tan	--
		1427	30	23.5	8.31	2,090	41	tan	--
		TOTAL:	30						
		AVERAGE:*		23.4	8.29	2,080	38		--
	6/25/96	1339	5	23.7	7.20	2,230	47	clear	--
		1342	10	23.4	7.41	1,930	81	sl. cloudy	--
		1344	15	23.3	7.48	1,910	75	sl. cloudy	--
		1347	20	23.2	7.49	1,900	66	sl. cloudy	--
		TOTAL:	20						
		AVERAGE:*		23.3	7.46	1,913	74		--
	9/16/96	1233	5	24.1	7.51	2,390	14	clear	--
		1235	10	23.5	7.51	2,380	34	clear	--
		1238	15	23.6	7.52	2,380	17	clear	--
		1241	20	23.3	7.56	2,340	70	clear	--
		TOTAL:	20						
		AVERAGE:*		23.5	7.53	2,367	40		--
	7/10/97	1028	0	24.2	7.25	1,920	59	clear	--
		1035	10	23.8	6.90	2,820	0	clear	--
		1043	20	23.8	6.90	2,860	0	clear	--
		1051	30	23.9	6.90	2,880	0	clear	--
		1053	34	23.9	6.90	2,880	0	clear	--
		TOTAL:	34						
		AVERAGE:*		23.9	6.90	2,873	0		--
	3/4/99	1112	0	19.5	6.36	3,890	361	tan	--
		1116	5	21.1	6.67	2,540	15	clear	--
		1120	10	22.0	6.69	2,480	2	clear	--
		1124	15	21.7	6.72	2,490	0	clear	--
		1127	20	22.3	6.71	2,470	0	clear	--
		1136	30	22.5	6.70	2,440	3	clear	--
		1141	37	22.3	6.72	2,420	3	clear	--
		TOTAL:	37						
		AVERAGE:*		22.4	6.71	2,443	2		--

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TABLE 4.4

SUMMARY OF GROUND WATER RESULTS
FIELD WATER QUALITY PARAMETERS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA

WELL NUMBER	DATE	TIME	VOLUME (gal)	TEMP. (°C)	pH (pH units)	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	COLOR	DO* (mg/L)
P-20 (Continued)	7/16/99	735	0	22.7	7.21	2,240	209	clear	--
		745	5	23.0	7.27	2,400	87	clear	--
		755	10	23.0	7.25	2,430	82	clear	--
		804	15	23.2	7.25	2,430	80	clear	--
		814	20	23.3	7.27	2,430	10	clear	--
		823	25	23.5	7.26	2,430	10	clear	--
		827	28	23.5	7.26	2,430	10	clear	--
		TOTAL:	28						
		AVERAGE:*		23.4	7.26	2,430	10		53.5%
P-21	12/26/95	1213	10	22.1	7.66	1,990	280	tan	--
		1216	20	22.3	7.71	1,990	<10	clear	--
		1219	30	22.6	7.76	2,050	<10	clear	--
		1221	35	22.8	7.73	2,100	<10	clear	--
		TOTAL:	35						
		AVERAGE:*		22.6	7.73	2,047	<10		--
	3/18/96	1530	5	22.3	7.49	1,090	10	clear	--
		1534	15	21.0	7.51	1,100	20	tan	--
		1537	25	21.3	7.53	1,070	27	tan	--
		1543	36	21.3	7.55	1,080	23	tan	--
		TOTAL:	36						
		AVERAGE:*		21.2	7.53	1,083	23		--
	6/25/96	1554	5	21.9	7.24	1,810	999	clear	--
		1557	10	22.3	7.19	1,770	8	clear	--
		1600	15	22.5	7.16	1,790	4	clear	--
		1603	20	22.5	7.16	1,790	6	cloudy	--
		1606	25	22.4	7.12	1,790	0	clear	--
		TOTAL:	25						
		AVERAGE:*		22.5	7.15	1,790	3		--
	9/17/96	0806	5	21.6	7.33	1,850	44	clear	--
		0808	10	21.9	7.29	1,820	12	clear	--
		0811	15	22.1	7.29	1,820	9	clear	--
		0816	25	22.4	7.27	1,840	7	clear	--
		TOTAL:	25						
		AVERAGE:*		22.1	7.28	1,827	9		--
	7/10/97	0942	0	22.8	7.03	1,900	35	clear	--
		0950	10	23.3	6.79	1,890	4	clear	--
		0952	14	--	--	--	-	--	--
		TOTAL:	14						
		AVERAGE:*		15.4	4.61	1,263	13		--
	WELL ABANDONED 10/97								
P-22	12/20/95	0732	5	21.2	7.89	990	15	cloudy	--
		0733	10	22.3	7.91	1,030	<10	clear	--
		0735	15	22.3	7.90	1,030	<10	clear	--
		0739	25	22.3	7.90	1,020	<10	clear	--
		TOTAL:	25						
		AVERAGE:*		22.3	7.90	1,027	<10		--
	3/18/96	1242	5	22.0	7.95	1,870	29	clear	--
		1245	15	22.1	7.99	1,890	27	clear	--
		1250	25	22.1	7.97	1,900	10	clear	--
		1253	32	22.1	7.98	1,900	13	clear	--
		TOTAL:	32						
		AVERAGE:*		22.1	7.98	1,897	17		--
	6/20/96	1359	5	23.5	7.73	910	6	some silt	--
		1401	10	22.4	7.61	900	17	some silt	--
		1403	15	23.0	7.58	830	167	silty	--
		1405	20	22.2	7.62	850	90	silty	--
		1407	25	22.7	7.62	860	44	clear/silt	--
		TOTAL:	25						
		AVERAGE:*		22.6	7.61	847	100		--
	9/12/96	1307	5	23.5	7.99	990	18	clear	--
		1310	10	23.3	7.82	960	137	clear	--
		1313	15	23.0	7.77	930	4	clear	--
		1316	20	22.8	7.72	1,000	91	clear	--
		1319	25	22.8	7.69	930	127	clear	--
		TOTAL:	25						
		AVERAGE:*		22.9	7.73	953	74		--

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TABLE 4.4

SUMMARY OF GROUND WATER RESULTS
FIELD WATER QUALITY PARAMETERS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA

WELL NUMBER	DATE	TIME	VOLUME (gal)	TEMP. (°C)	pH (pH units)	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	COLOR	DO* (mg/L)
P-22 (Continued)	7/9/97	1214	0	25.1	7.40	705	172	clear	--
		1224	10	24.4	7.38	708	35	clear	--
		1233	20	24.4	7.29	755	20	clear	--
		1243	30	24.5	7.24	799	7	clear	--
		1253	40	24.5	7.22	823	7	clear	--
		TOTAL:	40						
		AVERAGE:*		24.5	7.25	792	11		--
	3/3/99	1254	0	22.1	6.95	2,750	151	lt. brown	--
		1257	5	22.5	6.92	2,760	28	clear	--
		1302	10	22.4	6.93	2,640	5	clear	--
		1311	20	23.1	6.91	2,570	0	clear	--
		1319	30	23.2	6.91	2,680	132	clear	--
		1327	40	23.1	6.94	2,710	4	clear	--
		TOTAL:	40						
		AVERAGE:*		23.1	6.92	2,653	45		--
	7/15/99	1208	0	25.3	7.10	2,370	10	clear	--
		1217	5	23.5	7.09	2,410	6	clear	--
		1227	10	23.3	7.07	2,380	5	clear	--
		1236	15	23.5	7.08	2,380	5	clear	--
		1245	20	23.7	7.09	2,390	4	clear	--
		1254	25	23.7	7.10	2,400	5	clear	--
		1304	30	23.7	7.10	2,400	5	clear	--
		TOTAL:	30						
		AVERAGE:*		23.7	7.09	2,396	4.6		52.1%
P-23	12/20/95	1112	2	21.1	7.65	2,480	off scale	cloudy tan	--
		1114	5	23.8	7.55	3,130	<10	very clear	--
		1116	8	23.7	7.58	3,130	<10	veryclear	--
		1119	15	23.7	7.57	3,120	<10	very clear	--
		TOTAL:	15						
		AVERAGE:*		23.7	7.57	3,127	<10		--
	3/14/96	0942	3	21.9	7.82	3,340	10	clear	--
		0956	6	22.3	7.79	3,260	10	clear	--
		TOTAL:	6						
		AVERAGE:*		22.1	7.81	3,300	10		--
	6/20/96	0929	3	23.0	7.18	3,460	51	silty	--
		--	3.5	--	--	--	--	--	--
		TOTAL:	3.5						
		AVERAGE:*		--	--	--	--		--
	9/11/96	1040	3	23.5	7.83	3,170	109	clear	--
		1042	6	23.6	7.84	2,970	9	clear	--
		1044	9	23.9	7.80	3,090	-10	clear	--
		TOTAL:	9						
		AVERAGE:*		23.7	7.82	3,077	36		--
	7/8/97	1410	0	28.8	7.40	2,460	279	clear	--
		1418	5	26.2	7.23	2,770	21	clear	--
		1425	10	26.2	7.22	2,690	3	clear	--
		1432	16	25.3	7.21	2,780	0	clear	--
		TOTAL:	16						
		AVERAGE:*		25.9	7.22	2,747	8		--
		WELL ABANDONED 10/97							
P-24	12/20/95	1042	3	22.2	7.47	3,100	no read	cloudy tan	--
		1043	5	22.5	7.50	3,150	410	clear	--
		1045	7	22.5	7.51	3,140	100	cloudy	--
		1047	9	22.5	7.52	3,140	60	cloudy	--
		1050	11	22.5	7.51	3,130	33	cloudy	--
		TOTAL:	11						
		AVERAGE:*		22.5	7.51	3,137	64		--
	3/19/96	0852	2	21.3	7.41	1,570	14	clear	--
		TOTAL:	2						
		AVERAGE:*		--	--	--	--		--
	6/24/96	1248	5	23.8	7.42	2,700	94	cloudy	--
		TOTAL:	5						
		AVERAGE:*		--	--	--	--		--

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TABLE 4.4

SUMMARY OF GROUND WATER RESULTS
FIELD WATER QUALITY PARAMETERS
FORMER ILM FACILITY
TORRANCE, CALIFORNIA

WELL NUMBER	DATE	TIME	VOLUME (gal)	TEMP. (°C)	pH (pH units)	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	COLOR	DO* (mg/L)
P-24 (Continued)	9/17/96	1311	3	24.3	7.30	2,880	290	clear	--
		1313	6	24.0	7.45	2,560	102	clear	--
		1315	9	23.8	7.38	2,700	42	clear	--
		TOTAL:	9						
		AVERAGE:*		24.0	7.38	2,713	145		--
	7/9/97	0722	0	22.1	8.48	676	>999	silty brown	--
		0725	4	--	--	--	--	--	--
		TOTAL:	4						
		AVERAGE:*		--	--	--	--		--
	3/2/99	1055	0	22.3	7.52	1,960	>999	brown	--
		1059	5	21.9	7.30	1,850	640	lt brown	--
		TOTAL:	5						
		AVERAGE:*		22.1	7.41	1,905	640		--
	7/15/99	0820	0	22.6	7.56	1,640	>999	brown	--
		0825	2	22.6	7.58	1,520	492	lt. brown	--
		0834	4	23.4	7.58	1,350	400	lt. brown	--
		TOTAL:	4						
		AVERAGE:*		22.8	7.57	1,503	630		17.1%
P-25	12/26/95	1150	4	22.4	7.78	1,100	19	clear	--
		1151	8	22.4	7.71	1,150	<10	clear	--
		1153	12	22.4	7.68	1,150	<10	clear	--
		1156	18	22.6	7.69	1,170	<10	clear	--
		TOTAL:	18						
		AVERAGE:*		22.5	7.69	1,157	<10		--
	3/19/96	1300	5	21.8	7.77	1,900	491	tan	--
		1302	10	22.1	7.77	1,890	461	tan	--
		TOTAL:	10						
		AVERAGE:*		22.0	7.77	1,895	476		--
	6/26/96	1232	3	22.8	7.58	2,060	122	clear	--
		1234	6	22.4	7.57	2,090	47	clear	--
		1236	9	22.3	7.57	2,040	210	cloudy	--
		1238	12	22.0	7.60	1,990	148	cloudy	--
		TOTAL:	12						
		AVERAGE:*		22.2	7.58	2,040	135		--
	9/18/96	1032	5	22.9	7.68	1,990	30	clear	--
		1035	10	22.9	7.63	1,990	40	clear	--
		1037	15	22.8	7.64	1,950	18	clear	--
		TOTAL:	15						
		AVERAGE:*		22.9	7.65	1,977	29		--
	7/10/97	1342	0	25.9	7.19	1,820	170	clear	--
		1348	5	24.5	7.12	1,850	0	clear	--
		1354	10	24.5	7.11	1,840	0	clear	--
		1400	15	24.5	7.11	1,820	0	clear	--
		1407	20	24.7	7.11	1,810	0	clear	--
		1414	25	24.7	7.11	1,810	0	clear	--
		TOTAL:	25						
		AVERAGE:*		24.6	7.11	1,813	0		--
	WELL ABANDONED 10/97								

99-200/Rpts/DrGrWaRcfa (12/28/99/m)

**	Turbidity meter failed to stabilize following calibration to a 10 NTU standard.
gal	Purged water volume in gallons
°C	Degrees Centigrade
mmhos/cm	Micromhos per centimeter
NTU	Nephelometric Turbidity Units
DO	Dissolved oxygen
mg/L	Milligrams per liter
--	No reading recorded
sl.	Slightly

*Notes: When more than three measurements of parameters have been collected, the average values are of the last three measurements taken during that event. DO results shown with a percent symbol indicate results in percent saturation. DO results for July 1999 sampling were collected after purging.

TRC

TABLE 4.5

SUMMARY OF GROUND WATER RESULTS
FIELD WATER QUALITY PARAMETERS
BRC PROPERTY, TORRANCE, CALIFORNIA

WELL NUMBER	DATE	TIME	VOLUME (gal)	TEMP. (°C)	pH (pH units)	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	COLOR	DO* (%)
BL-1	3/4/99	1351	0	20.4	7.02	1,740	>1100	--	48.4
		1355	2	21.2	6.54	1,890	>1100	--	20.0
		1359	4	21.8	6.45	2,000	>1100	--	15.2
		1403	6	22.8	6.40	2,060	732	--	11.6
		1407	8	22.7	6.38	2,080	580	--	10.0
		1409	9	23.1	6.37	2,110	307	--	9.6
		1411	10	22.9	6.37	2,110	198	--	8.8
		1413	11	22.8	6.36	2,110	117	--	8.9
		TOTAL:	11						
		AVERAGE:*		22.2	6.37	2,110	207		9.1
	7/13/99	1240	0	24.5	6.86	1,930	>999	brown	--
		1244	2	24.2	6.92	1,790	850	lt brown	--
		1248	4	24.0	6.93	1,790	300	lt brown	--
		1252	6	23.9	6.92	1,800	298	lt brown	--
		1256	8	23.9	6.92	1,800	297	lt brown	--
		TOTAL:	8						
		AVERAGE:*		23.9	6.92	1,797	298.33		6.8
BL-2	3/3/99	1354	0	21.1	7.63	834	>1100	--	96.4
		1358	2	21.6	7.31	716	>1100	--	84.8
		1402	4	22.5	7.12	764	>1100	--	86.0
		1406	6	22.8	7.08	772	476	--	81.2
		1410	8	23.3	7.09	777	322	--	84.6
		1413	9.5	23.1	7.08	748	295	--	84.2
		1415	11	23.2	7.05	754	285	--	86.1
		TOTAL:	11						
		AVERAGE:*		23.2	7.07	760	301		85.0
	7/14/99	1320	0	21.0	7.41	1,230	189	lt brown	--
		1324	2	23.7	7.44	950	>999	brown	--
		1328	4	23.1	7.43	1,010	720	lt brown	--
		1332	6	22.7	7.40	1,020	120	lt brown	--
		1336	8	22.7	7.40	1,020	110	clear	--
		1340	10	22.6	7.39	1,010	100	clear	--
		TOTAL:	10						
		AVERAGE:*		22.7	7.40	1,017	110		68.4
BL-3	3/3/99	1009	0	22.9	7.64	3,800	275	--	77.5
		1013	2	23.4	7.20	3,890	161	--	47.6
		1017	4	23.6	6.90	3,980	112	--	49.2
		1021	6	23.4	6.70	3,720	73	--	52.7
		1024	7.5	23.6	6.67	3,700	64	--	52.5
		1026	8.5	23.5	6.66	3,690	66	--	54.9
		1028	9.5	23.3	6.60	3,680	60	--	53.9
		TOTAL:	9.5						
		AVERAGE:*		23.4	6.64	3,690	63		53.8
	7/15/99	0916	0	24.2	7.40	2,470	385	lt brown	--
		0920	2	23.2	7.04	4,240	>999	brown	--
		0924	4	23.0	7.02	4,040	515	lt brown	--
		0928	6	23.2	7.04	4,060	402	lt brown	--
		0932	8	23.5	7.04	4,060	247	lt brown	--
		0936	10	23.6	7.05	4,060	225	lt brown	--
		TOTAL:	10						
		AVERAGE:*		23.4	7.04	4,060	291.33		58.6
BL-4	3/2/99	1235	0	21.6	8.04	596	>1100	--	56.7
		1239	2	21.7	7.52	569	>1100	--	49.6
		1243	4	21.9	7.45	576	823	--	52.1
		1247	6	22.7	7.39	588	258	--	47.2
		1249	7	23.4	7.37	584	140	--	51.0
		1251	8	23.4	7.33	579	112	--	47.8
		1253	9	23.5	7.33	577	86	--	47.0
		TOTAL:	9						
		AVERAGE:*		23.44	7.34	580	113		48.6

TRC

TABLE 4.5

SUMMARY OF GROUND WATER RESULTS
FIELD WATER QUALITY PARAMETERS
BRC PROPERTY, TORRANCE, CALIFORNIA

WELL NUMBER	DATE	TIME	VOLUME (gal)	TEMP. (°C)	pH (pH units)	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	COLOR	DO* (%)
BL-4 (Cont'd)	7/14/99	0852	0	23.4	7.74	778	>999	lt brown	--
		0856	2	22.6	7.68	586	>999	lt brown	--
		0900	4	22.8	7.66	597	300	clear	--
		0904	6	22.9	7.66	597	29	clear	--
		0908	8	23.0	7.66	596	25	clear	--
		0912	10	23.0	7.66	596	20	clear	--
		TOTAL:	10						
		AVERAGE:*		23.0	7.66	596	24.67		71
BL-5	3/4/99	1022	0	21.2	5.92	2,590	265	--	64.2
		1026	2	20.8	6.31	2,590	185	--	29.9
		1030	4	21.9	6.37	2,640	144	--	29.2
		1034	6	21.5	6.45	2,610	127	--	28.4
		1038	8	22.2	6.46	2,490	91	--	26.9
		1041	10	22.1	6.47	2,480	83	--	27.3
		1043	11	22.3	6.48	2,450	60	--	26.5
		TOTAL:	11						
		AVERAGE:*		22.2	6.47	2,473	78		26.9
	7/13/99	1333	0	24.8	7.02	2,590	>999	brown	--
		1337	2	23.9	7.08	1,940	590	lt brown	--
		1341	4	23.9	7.07	1,890	450	lt brown	--
		1345	6	23.9	7.07	1,900	39	clear	--
		1348	8	23.9	7.06	1,900	36	clear	--
		1351	10	23.9	7.06	1,900	35	clear	--
		TOTAL:	10						
		AVERAGE:*		23.9	7.06	1,900	36.67		24.7
BL-6	3/1/99	1135	0	22.6	6.08	1,710	>1100	--	77.3
		1137	2	23.3	6.60	1,690	>1100	--	70.9
		1139	4	21.9	6.56	1,640	>1100	--	70.1
		1141	5	21.7	6.56	1,630	>1100	--	72.1
		1143	6	21.4	6.57	1,620	1087	--	74.6
		1145	7	22.5	6.77	1,680	1053	--	68.5
		1147	8	22.3	6.78	1,650	924	--	69.8
		1151	10	24.0	6.76	1,730	422	--	69.5
		1155	12	24.3	6.75	1,740	344	--	69.4
		TOTAL:	12						
		AVERAGE:*		23.6	6.76	1,707	563		69.6
	7/16/99	0630	0	21.2	7.29	1,960	>999	brown	--
		0634	3	22.2	7.38	1,540	>999	lt brown	--
		0639	6	22.1	7.37	1,530	230	lt brown	--
		0645	9	22.2	7.36	1,530	228	lt brown	--
		0651	12	22.3	7.36	1,530	225	lt brown	--
		TOTAL:	12						
		AVERAGE:*		22.2	7.36	1,530	227.67		75.2
BL-7	3/1/99	0823	0	20.8	8.79	1,102	>1100	--	78.8
		0825	1	22.4	7.79	930	958	--	77.1
		0827	2	23.2	7.47	813	940	--	77.0
		0829	3	23.8	7.42	799	492	--	74.9
		0831	4	23.5	7.32	808	175	--	74.8
		0835	6	23.3	7.24	799	32	--	77.7
		0839	8	23.2	7.18	779	98	--	78.0
		0841	9	23.4	7.18	807	47	--	79.3
		0843	10	23.1	7.14	800	32	--	79.1
		0845	11	23.2	7.12	809	34	--	80.3
		TOTAL:	11						
		AVERAGE:*		23.2	7.15	805	38		79.6
	7/14/99	0715	0	22.1	7.46	1,520	>999	brown	--
		0719	2	22.6	7.48	960	>999	brown	--
		0723	4	22.9	7.47	950	890	lt brown	--
		0727	6	22.9	7.48	950	67	lt brown	--
		0731	8	22.9	7.48	950	65	lt brown	--
		0734	10	22.9	7.48	950	60	lt brown	--
		TOTAL:	10						
		AVERAGE:*		22.9	7.48	950	64		89.8

TRC

TABLE 4.5

SUMMARY OF GROUND WATER RESULTS
FIELD WATER QUALITY PARAMETERS
BRC PROPERTY, TORRANCE, CALIFORNIA

WELL NUMBER	DATE	TIME	VOLUME (gal)	TEMP. (°C)	pH (pH units)	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	COLOR	DO* (%)
BL-8	3/2/99	1508	0	20.8	7.63	1,940	>1100	--	75.1
		1512	2	22.4	7.28	2,040	906	--	70.1
		1516	4	23.1	7.13	2,080	456	--	67.3
		1520	6	23.2	7.03	2,090	339	--	68.6
		1523	7.5	23.3	7.00	2,100	233	--	68.4
		1525	8.5	23.2	6.99	2,090	187	--	68.7
		1527	9.5	23.3	6.97	2,100	148	--	68.6
		TOTAL:	9.5						
		AVERAGE:*		23.3	6.99	2,097	189		68.6
	7/13/99	1416	0	25.3	7.46	2,550	>999	brown	--
		1419	2	24.1	7.42	2,450	800	lt brown	--
		1423	4	23.7	7.43	2,450	199	lt brown	--
		1426	6	23.8	7.43	2,450	115	clear	--
		1429	8	23.8	7.44	2,450	110	clear	--
		1433	10	23.9	7.44	2,450	106	clear	--
		TOTAL:	10						
		AVERAGE:*		23.8	7.44	2,450	110.33		86.8

99-200/Rpts/DrGrWaRcFa (12/28/99/rm)

gal	Purged water volume in gallons
°C	Degrees Centigrade
mmhos/cm	Micromhos per centimeter
NTU	Nephelometric Turbidity Units
DO	Dissolved oxygen
%	Percent saturation
--	No reading recorded
sl.	Slightly

*Notes: When more than three measurements of parameters have been collected, the average values are of the last three measurements taken during that event.
DO results for July 1999 sampling were collected after purging.

TRC

TABLE 4.6

SUMMARY OF GROUND WATER ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)
FORMER ILM FACILITY, TORRANCE, CALIFORNIA

SAMPLE ID	SAMPLE DATE	VOLATILE ORGANIC COMPOUNDS[1] (in µg/L) BY EPA METHOD 8260																		
		TCE	PCE	1,1-DCA	1,1-DCE	1,1,1-TCA	Bromodi-chloro-methane	Bromoform	Chloroform	1,2- Dichloro-propane	Trans-1,2- DCE	Cis-1,2-DCE	Dibromo-chloro-methane	Toluene	Benzene	Ethyl benzene	Total Xylenes	Vinyl Chloride	1,1,2-TCA	1,2-DCA
P-1	1/24/95	22,000	38	0.53	9.7	0.74	1.3	ND(0.5)	64	ND(0.5)	2.2	NA	ND(0.5)	30	12	1.8	11	ND(0.5)	ND(0.5)	ND(0.5)
	3/17/95	23,000	ND(600)	ND(600)	ND(600)	ND(600)	ND(600)	ND(600)	ND(600)	ND(600)	ND(600)	NA	ND(600)	ND(600)	ND(600)	ND(600)	ND(1,000)	ND(100)	ND(600)	ND(600)
	12/27/95	24,000	ND(600)	ND(0.5)	ND(600)	ND(600)	ND(600)	ND(600)	ND(600)	ND(600)	ND(600)	ND(600)	ND(600)	ND(600)	ND(600)	ND(600)	ND(1,000)	ND(100)	ND(600)	ND(600)
	12/27/95(D)	23,000	ND(600)	ND(600)	ND(600)	ND(600)	ND(600)	ND(600)	ND(600)	ND(600)	ND(600)	ND(600)	ND(600)	ND(600)	ND(600)	ND(600)	ND(1,000)	ND(100)	ND(600)	ND(600)
	3/19/96	22,000	ND(2,000)	ND(2,000)	ND(2,000)	ND(2,000)	ND(2,000)	ND(2,000)	ND(2,000)	ND(2,000)	ND(2,000)	ND(2,000)	ND(2,000)	ND(2,000)	ND(2,000)	ND(2,000)	ND(3,000)	ND(300)	ND(2,000)	ND(2,000)
	6/26/96	24,000	ND(900)	ND(900)	ND(900)	ND(900)	ND(900)	ND(900)	ND(900)	ND(900)	ND(900)	ND(900)	ND(900)	ND(900)	ND(900)	ND(900)	ND(2,000)	ND(200)	ND(900)	ND(900)
	6/26/96(D)	23,000	ND(900)	ND(900)	ND(900)	ND(900)	ND(900)	ND(900)	ND(900)	ND(900)	ND(900)	ND(900)	ND(900)	ND(900)	ND(900)	ND(900)	ND(2,000)	ND(200)	ND(900)	ND(900)
	9/18/96	23,000	ND(2,000)	ND(2,000)	ND(2,000)	ND(2,000)	ND(2,000)	ND(2,000)	ND(2,000)	ND(2,000)	ND(2,000)	ND(2,000)	ND(2,000)	ND(2,000)	ND(2,000)	ND(2,000)	ND(4,000)	ND(400)	ND(2,000)	ND(2,000)
	7/10/97	15,000	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(1,000)	ND(200)	ND(500)	ND(500)
	7/10/97(D)	15,000	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(1,000)	ND(200)	ND(500)	ND(500)
	3/4/99	8,100	83	1.7	10	ND(0.5)	ND(0.5)	ND(0.5)	13	ND(0.5)	1.2	24	ND(0.5)	ND(0.5)	1.3	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)
	7/16/99	10,000	78	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(100)	ND(50)	ND(50)	ND(50)
P-2	1/27/95	87	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	NA	ND(3)	100	20	7.2	60	ND(3)	ND(3)	ND(3)
	3/17/95	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	NA	ND(3)	ND(3)	ND(3)	ND(3)	24	ND(3)	ND(3)	ND(3)
	12/27/95	ND(5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	2.1	ND(0.5)	0.83	23	ND(1)	ND(0.5)	ND(0.5)
	3/19/96	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	1.5	ND(0.1)	ND(0.5)	ND(0.5)
	3/19/96(D)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	2.0	ND(0.1)	ND(0.5)	ND(0.5)
	6/20/96	0.52	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	1.2	ND(0.1)	ND(0.5)	ND(0.5)
	6/20/96(D)	0.59	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	1.2	ND(0.1)	ND(0.5)	ND(0.5)
	9/17/96	0.92	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.1)	ND(0.5)	ND(0.5)
	7/8/97	11	7.9	ND(0.5)	19	110	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	9.2	ND(0.5)	1.1	ND(0.5)	ND(0.5)	1.6	ND(0.2)	ND(0.5)	ND(0.5)
	3/2/99	0.70	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)
	7/13/99	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)
P-3	1/24/95	140	ND(0.5)	ND(0.5)	1.6	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)
	3/17/95	26	ND(0.5)	ND(0.5)	1.1	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.1)	ND(0.5)	ND(0.5)
	12/20/95	50	ND(0.5)	ND(0.5)	1.8	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(0.5)	ND(0.5)
	3/14/96	56	ND(0.5)	ND(0.5)	2.7	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.1)	ND(0.5)	ND(0.5)
	6/19/96	52	ND(0.5)	ND(0.5)	3.0	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.1)	ND(0.5)	ND(0.5)
	9/11/96	64	ND(5)	ND(5)	3.4	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(10)	ND(5)	ND(5)	ND(5)
	7/8/97	35	ND(0.5)	ND(0.5)	2.3	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.2)	ND(0.5)	ND(0.5)
	3/2/99	39	ND(0.5)	ND(0.5)	2.3	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)
	7/14/99	62	ND(2)	ND(2)	2.7	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(4)	ND(2)	ND(2)	ND(2)
P-4	1/26/95	2,500	ND(50)	ND(50)	86	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	NA	ND(50)	ND(50)	ND(50)	ND(50)	ND(100)	ND(50)	ND(50)	ND(50)
	3/17/95	2,200	ND(60)	ND(60)	77	ND(60)	ND(60)	ND(60)	ND(60)	ND(60)	ND(60)	NA	ND(60)	ND(60)	ND(60)	ND(60)	ND(100)	ND(60)	ND(60)	ND(60)
	12/21/95	3,400	ND(100)	ND(600)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(200)	ND(20)	ND(100)	ND(100)
	3/18/96	3,500	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(30)	ND(30)	ND(200)	ND(200)
	9/16/96	3,500	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(400)	ND(40)	ND(200)	ND(200)
	7/9/97	1,500	39	ND(30)	71	54	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(60)	ND(10)	ND(30)	ND(30)
	WELL ABANDONED 10/97																			

TABLE 4.6 P-1

BOE-C6-0100906

TABLE 4.6

SUMMARY OF GROUND WATER ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)
FORMER ILM FACILITY, TORRANCE, CALIFORNIA

SAMPLE ID	SAMPLE DATE	VOLATILE ORGANIC COMPOUNDS[1] (in µg/L) BY EPA METHOD 8260																		
		TCE	PCE	1,1-DCA	1,1-DCE	1,1,1-TCA	Bromodi-chloro-methane	Bromoform	Chloroform	1,2- Dichloro-propane	Trans-1,2- DCE	Cis-1,2-DCE	Dibromo-chloro-methane	Toluene	Benzene	Ethyl benzene	Total Xylenes	Vinyl Chloride	1,1,2-TCA	1,2-DCA
P-5	1/26/95	27	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	NA	ND(3)	23	6.9	ND(3)	10	ND(3)	ND(3)	ND(3)
	3/17/95	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	NA	ND(3)	ND(3)	ND(3)	ND(3)	ND(6)	ND(3)	ND(3)	ND(3)
	12/27/95	2.5	ND(0.5)	0.62	0.87	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.81	0.51	190	ND(0.5)	ND(0.5)	3.2	ND(0.5)	2.2	ND(1)	ND(0.5)	ND(0.5)
	3/19/96	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	180	ND(5)	ND(5)	ND(5)	ND(5)	ND(10)	11	ND(5)	ND(5)
	6/25/96	ND(7)	ND(7)	ND(7)	ND(7)	ND(7)	ND(7)	ND(7)	ND(7)	ND(7)	ND(7)	140	ND(7)	ND(7)	ND(7)	ND(7)	ND(20)	23	ND(7)	ND(7)
	9/17/96	1.1	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.56	ND(0.5)	ND(1)	34	ND(0.5)	ND(0.5)
	9/17/96(D)	1.0	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.58	ND(0.5)	ND(1)	30	ND(0.5)	ND(0.5)
P-6	3/16/95	510	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	NA	ND(10)	ND(10)	ND(10)	ND(10)	ND(20)	ND(2)	ND(10)	ND(10)
	12/20/95	570	18	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(10)	ND(1)	ND(5)	ND(5)
	3/18/96	510	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(50)	ND(5)	ND(30)	ND(30)
	6/20/96	500	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(60)	ND(5)	ND(30)	ND(30)
	9/12/96	520	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(60)	ND(6)	ND(30)	ND(30)
	7/9/97	530.0	ND(10)	ND(10)	ND(10)	13.0	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(20)	ND(5)	ND(10)	ND(10)
	WELL ABANDONED 10/97																			
P-6B	3/3/99	280	7.4	ND(0.5)	1.2	ND(0.5)	ND(0.5)	ND(0.5)	0.94	ND(0.5)	ND(0.5)	1.7	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)
	7/14/99	420	7.8	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(10)	ND(5)	ND(5)	ND(5)
P-7	3/17/95	2,500	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	NA	ND(100)	ND(100)	ND(100)	ND(100)	ND(200)	ND(20)	ND(100)	ND(100)
	3/17/95(D)	2,400	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	NA	ND(100)	ND(100)	ND(100)	ND(100)	ND(200)	ND(20)	ND(100)	ND(100)
	12/21/95	1,700	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(100)	ND(10)	ND(50)	ND(50)
	3/18/96	1,500	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(100)	ND(10)	ND(50)	ND(50)
	6/24/96	1,700	ND(70)	ND(200)	ND(200)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(200)	ND(200)	ND(70)	ND(70)	ND(70)	ND(200)	ND(20)	ND(200)	ND(200)
	9/16/96	1,700	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(100)	ND(10)	ND(50)	ND(50)
	7/9/97	3,200	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(200)	ND(30)	ND(70)	ND(70)
	3/4/99	900	13	2.2	7.8	7.2	ND(0.5)	ND(0.5)	12	ND(0.5)	3.3	75	ND(0.5)	ND(0.5)	0.61	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)
	7/15/99	1,100	9.7	ND(5)	6.8	6.4	ND(5)	ND(5)	10	ND(5)	ND(5)	85	ND(5)	ND(5)	ND(5)	ND(5)	ND(10)	ND(5)	ND(5)	ND(5)
P-8	3/16/95	3,100	ND(60)	ND(60)	ND(60)	ND(60)	ND(60)	ND(60)	ND(60)	ND(60)	ND(60)	NA	ND(60)	ND(60)	ND(60)	ND(60)	ND(100)	ND(10)	ND(60)	ND(60)
	WELL ABANDONED 8/96																			
P-9	3/16/95	910	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	NA	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(6)	ND(30)	ND(30)
	12/20/95	1,100	ND(5)	ND(5)	6.2	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(10)	ND(1)	ND(5)	ND(5)
	3/18/96	1,100	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(100)	ND(10)	ND(50)	ND(50)
	6/26/96	1,300	ND(40)	ND(40)	ND(40)	ND(40)	ND(40)	ND(40)	ND(40)	ND(40)	ND(40)	ND(40)	ND(40)	ND(40)	ND(40)	ND(40)	ND(80)	ND(8)	ND(40)	ND(40)
	9/12/96	1,200	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(60)	ND(6)	ND(30)	ND(30)
	7/9/97	1000	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(60)	ND(10)	ND(30)	ND(30)
	WELL ABANDONED 10/97																			
P-9B	3/3/99	280	1.70	ND(0.5)	4.50	ND(0.5)	ND(0.5)	ND(0.5)	2.20	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)
	7/14/99	410	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(10)	ND(5)	ND(5)	ND(5)
P-10	3/16/95	2.8	ND(0.5)	ND(0.5)	0.64	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.1)	ND(0.5)	ND(0.5)
	12/19/95	1.2	ND(0.5)	0.60	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(0.5)	ND(0.5)
	3/14/96	0.62	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.1)	ND(0.5)	ND(0.5)
	6/18/96	1.2	ND(0.5)	ND(0.5)	0.55	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.1)	ND(0.5)	ND(0.5)
	9/11/96	0.74	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(10)	ND(5)	ND(5)	ND(5)
	7/8/97	3.4	1.2	ND(0.5)	2.9	13	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	1.0	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.2)	ND(0.5)	ND(0.5)
	3/1/99	3.7	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)
	7/13/99	3.2	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)

TABLE 4.6 P-5

BOE-C6-0100907

TABLE 4.6

SUMMARY OF GROUND WATER ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)
FORMER ILM FACILITY, TORRANCE, CALIFORNIA

SAMPLE ID	SAMPLE DATE	VOLATILE ORGANIC COMPOUNDS[1] (in µg/L) BY EPA METHOD 8260																		
		TCE	PCE	1,1-DCA	1,1-DCE	1,1,1-TCA	Bromodi-chloro-methane	Bromoform	Chloroform	1,2- Dichloro-propane	Trans-1,2- DCE	Cis-1,2-DCE	Dibromo-chloro-methane	Toluene	Benzene	Ethyl benzene	Total Xylenes	Vinyl Chloride	1,1,2-TCA	1,2-DCA
P-11	12/27/95	1.8	0.57	ND(0.5)	ND(0.5)	ND(0.5)	1.5	ND(0.5)	1.9	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(0.5)	ND(0.5)
	3/14/96	1.6	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.88	ND(0.5)	1.4	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.1)	ND(0.5)	ND(0.5)
	6/19/96	7.3	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.1)	ND(0.5)	ND(0.5)
	9/11/96	2.8	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	0.97	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(60)	ND(6)	ND(30)	ND(30)
	7/8/97	4.3	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.2)	ND(0.5)	ND(0.5)
	WELL ABANDONED 10/97																			
P-12	12/21/95	10,000	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(200)	ND(20)	ND(100)	ND(200)
	3/19/96	8,500	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(700)	ND(70)	ND(400)	ND(700)
	6/26/96	9,200	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(800)	ND(80)	ND(400)	ND(800)
	6/26/96(D)	9,400	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(800)	ND(80)	ND(400)	ND(800)
	9/18/96	5,000	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(600)	ND(60)	ND(300)	ND(300)
	7/10/97	3,000	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(200)	ND(30)	ND(70)	ND(200)
	3/3/99	1,500	1.5	31	29	8.9	ND(0.5)	ND(0.5)	31	2.9	ND(0.5)	2.9	ND(0.5)	ND(0.5)	6.7	ND(0.5)	ND(1)	ND(0.5)	1.6	0.54
	WELL DAMAGED 7/99																			
P-13	12/21/95	160	ND(5)	ND(5)	5.6	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(10)	ND(1)	ND(5)	ND(5)
	3/14/96	160	3.0	ND(0.5)	5.7	ND(0.5)	ND(0.5)	ND(0.5)	1.2	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.1)	ND(0.5)	ND(0.5)
	6/19/96	160	3.7	6.3	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	1.5	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.1)	ND(0.5)	ND(0.5)
	9/11/96	170	ND(5)	ND(5)	5.2	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(10)	ND(5)	ND(5)	ND(5)
	7/8/97	240	ND(5)	ND(5)	6.2	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(10)	ND(2)	ND(5)	ND(5)
	WELL ABANDONED 10/97																			
P-14	12/21/95	6,300	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	40	ND(30)	ND(30)	ND(30)	ND(30)	ND(60)	ND(6)	ND(30)	ND(30)
	3/19/96	5,900	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(500)	ND(50)	ND(300)	ND(300)
	6/26/96	6,700	ND(300)	ND(300)	ND(200)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(600)	ND(60)	ND(300)	ND(200)
	9/17/96	5,400	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(600)	ND(60)	ND(300)	ND(300)
	7/10/97	3,100	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(400)	ND(80)	ND(200)	ND(200)
	WELL ABANDONED 10/97																			
P-15	12/27/95	9,300	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(600)	ND(50)	ND(300)	ND(300)
	3/19/96	9,200	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(300)	ND(400)	ND(700)	ND(70)	ND(400)	ND(400)
	6/26/96	9,800	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(800)	ND(80)	ND(400)	ND(400)
	9/18/96	8,200	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(600)	ND(60)	ND(300)	ND(300)
	7/10/97	6,200	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(600)	ND(100)	ND(300)	ND(300)
	WELL ABANDONED 10/97																			
P-16A	12/26/95	3,100	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(200)	ND(20)	ND(100)	ND(100)
	3/18/96	3,500	4.3	0.95	29	1.6	ND(0.5)	ND(0.5)	14	ND(0.5)	ND(0.5)	28	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(0.5)	ND(0.5)
	3/18/96(D)	3,300	ND	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(200)	ND(20)	ND(70)	ND(70)
	6/25/96	3,800	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(600)	ND(60)	ND(300)	ND(300)
	9/16/96	4,100	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(400)	ND(40)	ND(200)	ND(200)
	7/9/97	3,400	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(200)	ND(40)	ND(100)	ND(100)
	3/4/99	370	9.5	0.62	14	1.7	ND(0.5)	ND(0.5)	3.4	ND(0.5)	0.56	8.7	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)
	7/15/99	530	7.5	ND(5)	12	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	6.2	ND(5)	ND(5)	ND(5)	ND(5)	ND(10)	ND(5)	ND(5)	ND(5)

TABLE 4.6 P-11

TABLE 4.6 P-11

BOE-C6-0100908

TABLE 4.6

SUMMARY OF GROUND WATER ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)
FORMER ILM FACILITY, TORRANCE, CALIFORNIA

SAMPLE ID	SAMPLE DATE	VOLATILE ORGANIC COMPOUNDS[1] (in µg/L) BY EPA METHOD 8260																		
		TCE	PCE	1,1-DCA	1,1-DCE	1,1,1-TCA	Bromodi-chloro-methane	Bromoform	Chloroform	1,2- Dichloro-propane	Trans-1,2- DCE	Cis-1,2-DCE	Dibromo-chloro-methane	Toluene	Benzene	Ethyl benzene	Total Xylenes	Vinyl Chloride	1,1,2-TCA	1,2-DCA
P-16B	12/19/95	48	ND(0.5)	ND(0.5)	5.3	ND(0.5)	8.0	1.5	ND(0.5)	ND(0.5)	ND(0.5)	0.94	8.4	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	0.10	ND(0.5)	ND(0.5)
	12/19/95(D)	51	ND(0.5)	ND(0.5)	5.8	ND(0.5)	7.8	1.6	6.3	ND(0.5)	ND(0.5)	1.1	8.0	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(0.5)	ND(0.5)
	3/18/96	49	ND(0.5)	ND(0.5)	6.6	ND(0.5)	5.7	1.1	5.8	ND(0.5)	ND(0.5)	1.0	5.8	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	0.25	ND(0.5)	ND(0.5)
	6/24/96	480	ND(1)	1.2	61	ND(1)	ND(1)	ND(1)	1.6	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(1)	ND(1)
	WELL DESTROYED 8/96																			
P-16C	9/12/96	440	ND(30)	ND(30)	56	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(60)	ND(6)	ND(30)	ND(30)
	7/9/97	340	ND(7)	ND(7)	40	ND(7)	ND(7)	ND(7)	ND(7)	ND(7)	ND(7)	ND(7)	ND(7)	ND(7)	ND(7)	ND(7)	ND(20)	ND(3)	ND(7)	ND(7)
	3/2/99	210	0.78	0.94	43	ND(0.5)	ND(0.5)	ND(0.5)	1.7	ND(0.5)	ND(0.5)	0.65	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)
	7/14/99	440	ND(20)	ND(20)	71	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(30)	ND(20)	ND(20)	ND(20)
P-17	12/21/95	13,000	700	ND(30)	340	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(60)	ND(6)	ND(30)	ND(30)
	3/19/96	12,000	780	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(1000)	ND(100)	ND(500)	ND(500)
	9/18/96	9,600	1,000	ND(300)	530	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(600)	ND(60)	ND(300)	ND(300)
	7/10/97	6,900	1,300	ND(300)	690	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(600)	ND(100)	ND(300)	ND(300)
	3/4/99	1,400	270	23	140	24	ND(0.5)	ND(0.5)	6.0	ND(0.5)	0.51	4.3	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)
	7/15/99	1,600	230	14	150	14	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(30)	ND(10)	ND(10)	ND(10)
P-18	12/26/95	270	ND(6)	ND(6)	12	ND(6)	ND(6)	ND(6)	ND(6)	ND(6)	ND(6)	ND(6)	ND(6)	ND(6)	ND(6)	ND(6)	ND(10)	ND(1)	ND(6)	ND(6)
	3/19/96	180	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(30)	ND(3)	ND(20)	ND(20)
	9/12/96	200	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(40)	ND(4)	ND(20)	ND(20)
	9/12/96(D)	200	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(40)	ND(4)	ND(20)	ND(20)
	7/8/97	180	ND(5)	ND(5)	5.0	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(10)	ND(2)	ND(5)	ND(5)
	WELL ABANDONED 10/97																			
P-19	12/26/95	4,400	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	140	ND(100)	ND(100)	ND(100)	ND(100)	ND(200)	ND(20)	ND(100)	ND(100)
	3/19/96	4,500	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	230	ND(200)	ND(200)	ND(200)	ND(200)	ND(300)	ND(30)	ND(200)	ND(200)
	6/25/96	4,900	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	280	ND(200)	ND(200)	ND(200)	ND(200)	ND(400)	ND(40)	ND(200)	ND(200)
	9/17/96	4,300	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(400)	ND(40)	ND(200)	ND(200)
	7/9/97	170	2.3	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	2.8	ND(2)	ND(2)	ND(2)	ND(2)	ND(4)	ND(1)	ND(2)	ND(2)
	WELL ABANDONED 10/97																			
P-20	12/27/95	4,200	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(200)	ND(20)	ND(100)	ND(100)
	3/18/96	4,400	6.0	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	12	ND(5)	ND(5)	5.1	ND(5)	ND(5)	ND(5)	ND(5)	ND(10)	ND(1)	ND(5)	ND(5)
	6/25/96	6,800	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(400)	ND(40)	ND(200)	ND(200)
	9/16/96	6,400	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(400)	ND(40)	ND(200)	ND(200)
	7/10/97	4,800	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(400)	ND(80)	ND(200)	ND(200)
	3/4/99	6,900	17	0.59	8.2	ND(0.5)	0.65	ND(0.5)	24	ND(0.5)	1.7	22	ND(0.5)	ND(0.5)	2.3	ND(0.5)	ND(1)	ND(0.5)	7.5	ND(0.5)
	3/4/99(D)[2]	6,800	15	0.55	7.8	ND(0.5)	ND(0.5)	ND(0.5)	23	ND(0.5)	1.7	21	ND(0.5)	ND(0.5)	2.1	ND(0.5)	ND(1)	ND(0.5)	7.3	ND(0.5)
	7/16/99	5,400	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(100)	ND(50)	ND(50)	ND(50)
	7/16/99(D)[3]	5,200	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(100)	ND(50)	ND(50)	ND(50)
P-21	12/26/95	4,400	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(200)	ND(20)	ND(100)	ND(100)
	3/18/96	4,200	83	53	150	27	ND(5)	ND(5)	19	ND(5)	ND(5)	780	ND(5)	ND(5)	ND(5)	ND(5)	ND(10)	ND(1)	ND(5)	ND(5)
	6/25/96	5,600	ND(200)	ND(200)	170	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	320	ND(200)	ND(200)	ND(200)	ND(200)	ND(400)	ND(40)	ND(200)	ND(200)
	9/17/96	5,500	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(400)	ND(40)	ND(200)	ND(200)
	7/10/97	2,100	ND(100)	ND(100)	ND(100)	110	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(200)	ND(40)	ND(100)	ND(100)
	WELL ABANDONED 10/97																			

TABLE 4.6 P-16B

BOE-C6-0100909

TABLE 4.6

SUMMARY OF GROUND WATER ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)
FORMER ILM FACILITY, TORRANCE, CALIFORNIA

SAMPLE ID	SAMPLE DATE	VOLATILE ORGANIC COMPOUNDS[1] (in µg/L) BY EPA METHOD 8260																		
		TCE	PCE	1,1-DCA	1,1-DCE	1,1,1-TCA	Bromodi-chloro-methane	Bromoform	Chloroform	1,2- Dichloro-propane	Trans-1,2- DCE	Cis-1,2-DCE	Dibromo-chloro-methane	Toluene	Benzene	Ethyl benzene	Total Xylenes	Vinyl Chloride	1,1,2-TCA	1,2-DCA
P-22	12/20/95	1,200	8.2	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(10)	ND(1)	ND(5)	ND(5)
	3/18/96	1,200	12	ND(0.5)	2.0	ND(0.5)	ND(0.5)	ND(0.5)	1.6	ND(0.5)	ND(0.5)	5.2	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.1)	ND(0.5)	ND(0.5)
	6/20/96	1,400	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(100)	ND(50)	ND(50)	ND(50)
	9/12/96	1,000	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(70)	ND(200)	ND(20)	ND(70)	ND(70)
	7/9/97	1,200	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(60)	ND(10)	ND(30)	ND(30)
	3/3/99	1,100	30	1.5	18	ND(0.5)	ND(0.5)	ND(0.5)	8.4	ND(0.5)	0.59	18	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)
	7/15/99	1,300	19	ND(10)	14	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	12	ND(10)	ND(10)	ND(10)	ND(10)	ND(30)	ND(10)	ND(10)	ND(10)
P-23	12/20/95	160	0.53	3.6	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	1.1	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)
	3/14/96	100	0.57	ND(0.5)	0.60	ND(0.5)	ND(0.5)	ND(0.5)	0.83	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.1)	ND(0.5)	ND(0.5)
	6/20/96	100	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(10)	ND(1)	ND(5)	ND(5)
	9/11/96	96	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(10)	ND(5)	ND(5)	ND(5)
	7/8/97	89	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(5)	ND(1)	ND(3)	ND(3)
	WELL ABANDONED 10/97																			
P-24	12/20/95	430	ND(5)	ND(5)	5.4	ND(5)	ND(5)	ND(5)	7.6	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(10)	ND(1)	ND(5)	ND(5)
	3/19/96	380	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)
	6/24/96	330	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(40)	ND(4)	ND(20)	ND(20)
	9/17/96	320	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(40)	ND(4)	ND(20)	ND(20)
	9/17/96(D)	350	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	ND(60)	ND(6)	ND(30)	ND(30)
	7/9/97	120	ND(3)	ND(3)	15	72	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	10	ND(3)	ND(3)	ND(3)	ND(3)	ND(6)	ND(3)	ND(3)	ND(3)
	3/3/99	210	0.99	ND(0.5)	1.4	ND(0.5)	ND(0.5)	ND(0.5)	6.7	ND(0.5)	ND(0.5)	0.75	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)
	7/15/99	210	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	4.8	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(3)	ND(5)	ND(3)	ND(3)	ND(3)
P-25	12/26/95	14,000	6,900	500	2,000	1,300	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(200)	ND(20)	ND(100)	ND(100)
	3/19/96	15,000	4,800	ND(700)	1,800	730	ND(700)	ND(700)	ND(700)	ND(700)	ND(700)	ND(700)	ND(700)	ND(700)	ND(700)	ND(700)	ND(2,000)	ND(200)	ND(700)	ND(700)
	6/26/96	16,000	4,700	ND(500)	1,600	760	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(1,000)	ND(100)	ND(500)	ND(500)
	9/18/96	14,000	3,300	ND(500)	1,200	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(1,000)	ND(100)	ND(500)	ND(500)
	7/10/97	13,000	2,100	ND(300)	910	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	ND(600)	ND(100)	ND(300)	ND(300)
	7/10/97(D)	12,000	1,800	ND(500)	810	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(1,000)	ND(200)	ND(500)	ND(500)
	WELL ABANDONED 10/97																			

TABLE 4.6 P-22

99-200/Rpts/DrGrWaRcFa (11/19/99/tm)

TABLE 4.6 P-22

[1] Only detected analytes are reported in table (except for three analytes detected [sec-butylbenzene, isopropylbenzene and p-isopropyltoluene] in Well P-2 since they are not considered COCs); results of all analyses are reported in laboratory reports.

[2] Duplicate sample for P-20 is identified as P-29 in laboratory reports.

[3] Duplicate sample for P-20 is identified as P-30 in laboratory reports.

µg/L	Micrograms per liter
ND( )	Analyte not detected above the practical quantitation limit (in parentheses)
(D)	Duplicate sample
TCE	Trichloroethene
PCE	Tetrachloroethene
DCA	Dichloroethane
DCE	Dichloroethene
TCA	Trichloroethane
--	Not sampled

BOE-C6-0100910

TABLE 4.7

SUMMARY OF GROUND WATER ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)
BRC PROPERTY, TORRANCE, CALIFORNIA

SAMPLE ID	SAMPLE DATE	VOLATILE ORGANIC COMPOUNDS[1] (in µg/L) BY EPA METHOD 8260																		
		TCE	PCE	1,1-DCA	1,1-DCE	1,1,1-TCA	Bromodi-chloro-methane	Bromoform	Chloroform	1,2-Dichloro-propane	Trans-1,2-DCE	Cis-1,2-DCE	Dibromo-chloro-methane	Toluene	Benzene	Ethyl benzene	Total Xylenes	Vinyl Chloride	Carbon Tetra-chloride	1,1,2-TCA
BL-1	3/4/99	6.6	ND(0.5)	1.0	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.57	ND(0.5)	ND(0.5)	15	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)
	3/4/99[2]	6.8	ND(0.5)	0.95	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.60	ND(0.5)	ND(0.5)	14	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)
	7/13/99	5.2	ND(0.5)	0.7	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	15	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)
BL-2	3/3/99	250	0.91	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.81	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)
	7/14/99	460	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(10)	ND(5)	ND(5)	ND(5)
BL-3	3/3/99	720	73	0.72	3.8	2.1	ND(0.5)	ND(0.5)	3	ND(0.5)	ND(0.5)	0.76	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)
	7/15/99	1,200	77	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	25	ND(20)	ND(20)	ND(50)	ND(20)	ND(20)	ND(20)
BL-4	3/2/99	58	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	8.4	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	0.62	ND(0.5)
	7/14/99	49	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.68	ND(0.5)
BL-5	3/4/99	4.1	ND(0.5)	0.54	1.3	ND(0.5)	ND(0.5)	ND(0.5)	2.8	ND(0.5)	3.2	71	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)
	7/13/99	2.7	ND(0.5)	0.56	0.79	ND(0.5)	ND(0.5)	ND(0.5)	1.4	ND(0.5)	0.55	110	ND(0.5)	ND(0.5)	0.52	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)
BL-6	3/1/99	6,700	2.9	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	11	ND(0.5)	0.65	15	ND(0.5)	0.60	0.84	ND(0.5)	ND(1)	ND(0.5)	1.1	0.61
	7/16/99	5,600	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(100)	ND(50)	ND(50)	ND(50)
	7/16/99[3]	5,600	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(100)	ND(50)	ND(50)	ND(50)
BL-7	3/2/99	32	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.67	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	5.2	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)
	7/14/99	23	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.60	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)
BL-8	3/2/99	23	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	1.2	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	5.0	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)
	7/13/99	18	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	1.0	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)

TABLE 4.7

99-200/Rpts/DrGrWaRcFa (11/15/99/dh)

TABLE 4.7

[1]Only detected analytes are reported in table; results of all analyses are reported in laboratory reports.

[2]Duplicate sample for BL-1 is identified as B-17 in laboratory reports.

[3]Duplicate sample for BL-6 is identified as B-15 in laboratory reports.

µg/L	Micrograms per liter
ND( )	Analyte not detected above the practical quantitation limit (in parentheses)
TCE	Trichloroethene
PCE	Tetrachloroethene
DCA	Dichloroethane
DCE	Dichloroethene
TCA	Trichloroethane
--	Not sampled

BOE-C6-0100911

TABLE 4.8

SUMMARY OF GROUND WATER ANALYTICAL RESULTS
TOTAL PETROLEUM HYDROCARBONS (TPH)
FORMER ILM FACILITY, TORRANCE, CALIFORNIA

SAMPLE ID	SAMPLE DATE	TPH[1] (in µg/L) BY EPA METHOD 8015M			
		TPH-c/w	TPH-d	TPH-k/Jet Fuel	TPH-z
P-1	1/24/95	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	3/17/95	ND(1,000)	1,200	ND(200)	ND(1,000)
	12/27/95	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	12/27/95(D)	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	3/19/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	6/26/96	ND(1,000)	310	ND(200)	ND(1,000)
	6/26/96(D)	ND(1,000)	330	ND(200)	ND(1,000)
	9/18/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/10/97	ND(500)	ND(200)	ND(200)	ND(1,000)
	7/10/97(D)	ND(500)	ND(200)	ND(200)	ND(1,000)
	3/4/99	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/16/99	ND(1,000)	ND(200)	ND(200)	ND(1,000)
P-2	1/27/95	ND(10,000)	ND(2,000)	22,000	ND(10,000)
	3/17/95	ND(22,000)	ND(4,000)	40,000	ND(20,000)
	12/27/95	ND(40,000)	ND(8,000)	60,000	ND(40,000)
	3/19/96	11,000	ND(2,000)	19,000	ND(10,000)
	3/19/96(D)	14,000	ND(2,000)	22,000	ND(10,000)
	6/20/96	7,500	ND(200)	16,000	ND(1,000)
	6/20/96(D)	6,000	ND(200)	13,000	ND(1,000)
	9/17/96	4,600	ND(1,000)	ND(1,000)	ND(2,000)
	7/8/97	ND(10,000)	ND(4,000)	20,000	ND(20,000)
	3/2/99	ND(2,000)	ND(400)	2,300	ND(2,000)
	7/13/99	1,800	490	ND(200)	ND(1,000)
P-3	1/24/95	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	3/17/95	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	12/20/95	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	3/14/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	6/19/96	ND(1,000)	310	ND(200)	ND(1,000)
	9/11/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/8/97	ND(500)	ND(200)	ND(200)	ND(1,000)
	3/2/99	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/14/99	ND(1,000)	ND(200)	ND(200)	ND(1,000)
P-4	1/26/95	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	3/17/95	ND(1,000)	300	ND(200)	ND(1,000)
	12/21/95	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	3/18/96	2,600	ND(200)	ND(200)	ND(1,000)
	9/16/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/9/97	ND(500)	ND(200)	ND(200)	ND(1,000)
	WELL ABANDONED 10/97				
P-5	1/26/95	ND(10,000)	15,000	ND(2,000)	ND(10,000)
	3/17/95	ND(5,000)	10,000	ND(1,000)	ND(5,000)
	12/27/95	ND(8,000)	11,000	ND(2,000)	ND(8,000)
	3/19/96	ND(5,000)	11,000	ND(1,000)	ND(5,000)
	6/25/96	ND(5,000)	8,200	ND(1,000)	ND(5,000)
	9/17/96	ND(4,000)	5,200	ND(800)	ND(4,000)
	9/17/96(D)	ND(2,000)	5,000	ND(400)	ND(2,000)
P-6	3/16/95	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	12/20/95	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	3/18/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	6/20/96	ND(1,000)	230	ND(200)	ND(1,000)
	9/12/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/9/97	--	--	--	--
	WELL ABANDONED 10/97				
P-6B	3/3/99	1,100	ND(200)	ND(200)	ND(1,000)
	7/14/99	ND(1,000)	ND(200)	ND(200)	ND(1,000)

TRC

TABLE 4.8

SUMMARY OF GROUND WATER ANALYTICAL RESULTS
TOTAL PETROLEUM HYDROCARBONS (TPH)
FORMER ILM FACILITY, TORRANCE, CALIFORNIA

SAMPLE ID	SAMPLE DATE	TPH[1] (in µg/L) BY EPA METHOD 8015M			
		TPH-c/w	TPH-d	TPH-k/Jet Fuel	TPH-z
P-7	3/17/95	ND(1,000)	220	ND(200)	ND(1,000)
	3/17/95(D)	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	12/21/95	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	3/18/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	6/24/96	ND(1,000)	200	ND(200)	ND(1,000)
	9/16/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/9/97	--	--	--	--
	3/4/99	ND(1,000)	270	ND(200)	ND(1,000)
	7/15/99	ND(1,000)	ND(200)	ND(200)	ND(200)
P-8	3/16/95	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	WELL ABANDONED 8/96				
P-9	3/16/95	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	12/20/95	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	3/18/96	ND(1,000)	570	ND(200)	ND(1,000)
	6/26/96	ND(1,000)	330	ND(200)	ND(1,000)
	9/12/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/9/97	--	--	--	--
	WELL ABANDONED 10/97				
P-9B	3/3/99	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/14/99	1,400	ND(200)	ND(200)	ND(1,000)
P-10	3/16/95	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	12/19/95	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	3/14/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	6/18/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	9/11/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/8/97	--	--	--	--
	3/1/99	1,500	ND(200)	ND(200)	ND(1,000)
	7/13/99	ND(1,000)	ND(200)	ND(200)	ND(1,000)
P-11	12/27/95	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	3/14/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	6/19/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	9/11/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/8/97	ND(500)	ND(200)	ND(200)	ND(1,000)
	WELL ABANDONED 10/97				
P-12	12/21/95	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	3/19/96	ND(1,000)	280	ND(200)	ND(1,000)
	6/26/96	ND(1,000)	430	ND(200)	ND(1,000)
	6/26/96(D)	ND(1,000)	370	ND(200)	ND(1,000)
	9/18/96	ND(2,000)	ND(400)	ND(400)	ND(2,000)
	7/10/97	ND(500)	ND(200)	ND(200)	ND(1,000)
	3/3/99	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	WELL DAMAGED 7/99				
P-13	12/21/95	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	3/14/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	6/19/96	ND(1,000)	270	ND(200)	ND(1,000)
	9/11/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/8/97	ND(500)	ND(200)	ND(200)	ND(1,000)
	WELL ABANDONED 10/97				
P-14	12/21/95	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	3/19/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	6/26/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	9/17/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/10/97	ND(500)	220	ND(200)	ND(1,000)
	WELL ABANDONED 10/97				

TRC

TABLE 4.8

SUMMARY OF GROUND WATER ANALYTICAL RESULTS
TOTAL PETROLEUM HYDROCARBONS (TPH)
FORMER ILM FACILITY, TORRANCE, CALIFORNIA

SAMPLE ID	SAMPLE DATE	TPH[1] (in µg/L) BY EPA METHOD 8015M			
		TPH-c/w	TPH-d	TPH-k/Jet Fuel	TPH-z
P-15	12/27/95	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	3/19/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	6/26/96	ND(1,000)	250	ND(200)	ND(1,000)
	9/18/96	1,900	ND(200)	ND(200)	ND(1,000)
	7/10/97	ND(500)	ND(200)	ND(200)	ND(1,000)
	WELL ABANDONED 10/97				
P-16A	12/26/95	ND(1,000)	350	ND(200)	ND(1,000)
	3/18/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	3/18/96(D)	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	6/25/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	9/16/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/9/97	--	--	--	--
	3/4/99	ND(1,000)	210	ND(200)	ND(1,000)
	7/15/99	ND(1,000)	ND(200)	ND(200)	ND(1,000)
P-16B	12/19/95	ND(1,000)	ND(200)	ND(200)	2,300
	3/18/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	6/24/96	ND(1,000)	430	ND(200)	ND(1,000)
	WELL ABANDONED 8/96				
P-16C	9/12/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/9/97	--	--	--	--
	3/2/99	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/14/99	1,200	ND(200)	ND(200)	ND(1,000)
P-17	12/21/95	ND(1,000)	750	ND(200)	ND(1,000)
	3/19/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	9/18/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/10/97	--	--	--	--
	3/4/99	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/15/99	ND(1,000)	ND(200)	ND(200)	ND(1,000)
P-18	12/26/95	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	3/19/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	9/12/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	9/18/96(D)	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/8/97	--	--	--	--
	WELL ABANDONED 10/97				
P-19	12/26/95	ND(1,000)	330	ND(200)	ND(1,000)
	3/19/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	6/25/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	9/17/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/9/97	--	--	--	--
	WELL ABANDONED 10/97				
P-20	12/27/95	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	3/18/96	ND(1,000)	1,600	ND(200)	ND(1,000)
	6/25/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	9/16/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/10/97	--	--	--	--
	3/4/99	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	3/4/99(D)[2]	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/16/99	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/16/99(D)[3]	ND(1,000)	ND(200)	ND(200)	ND(1,000)
P-21	12/26/95	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	3/18/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	6/25/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	9/17/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/10/97	--	--	--	--
	WELL ABANDONED 10/97				

TRC

TABLE 4.8

SUMMARY OF GROUND WATER ANALYTICAL RESULTS
TOTAL PETROLEUM HYDROCARBONS (TPH)
FORMER ILM FACILITY, TORRANCE, CALIFORNIA

SAMPLE ID	SAMPLE DATE	TPH[1] (in µg/L) BY EPA METHOD 8015M			
		TPH-c/w	TPH-d	TPH-k/Jet Fuel	TPH-z
P-22	12/20/95	ND(1,000)	ND(200)	ND(200)	1,000
	3/18/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	6/20/96	ND(1,000)	390	ND(200)	ND(1,000)
	9/12/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/9/97	--	--	--	--
	3/3/99	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/15/99	ND(1,000)	ND(200)	ND(200)	ND(1,000)
P-23	12/20/95	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	3/14/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	6/20/96	ND(1,000)	230	ND(200)	ND(1,000)
	9/11/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/8/97	ND(500)	ND(200)	ND(200)	ND(1,000)
	WELL ABANDONED 10/97				
P-24	12/20/95	ND(2,000)	6,200	ND(400)	ND(2,000)
	3/19/95	ND(5,000)	10,000	ND(1,000)	ND(5,000)
	6/24/96	ND(2,000)	4,100	ND(400)	ND(1,000)
	9/17/96	ND(2,000)	ND(200)	ND(400)	ND(2,000)
	9/17/96(D)	ND(2,000)	ND(200)	ND(400)	ND(2,000)
	7/9/97	ND(500)	ND(200)	ND(200)	ND(1,000)
	3/3/99	ND(1,000)	450	ND(200)	ND(1,000)
	7/15/99	1,600	ND(200)	ND(200)	ND(1,000)
P-25	12/26/95	ND(1,000)	1,200	ND(200)	ND(1,000)
	3/19/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	6/26/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	9/18/96	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/10/97	--	--	--	--
	7/10/97(D)	--	--	--	--
	WELL ABANDONED 10/97				

99-200/Rpts/DrGrWaRcFa (12/27/99/jb)

[1] Only detected analytes are reported in table; results of all analyses are reported in laboratory reports.

[2] Duplicate sample for P-20 is identified as P-29 in laboratory reports.

[3] Duplicate sample for P-20 is identified as P-30 in laboratory reports.

TPH-d	Total Petroleum Hydrocarbons - Diesel Range
TPH-k	Total Petroleum Hydrocarbons - Kerosene Range
TPH-z	Total Petroleum Hydrocarbons - Z-Oil
TPH-c/w	Total Petroleum Hydrocarbons - Crude Oil/Waste Oil
µg/L	Micrograms per liter
ND( )	Analyte not detected above the practical quantitation limit (in parentheses)
(D)	Duplicate sample
--	Not sampled

TRC

TABLE 4.9

SUMMARY OF GROUND WATER ANALYTICAL RESULTS
TOTAL PETROLEUM HYDROCARBONS (TPH)
BRC PROPERTY, TORRANCE, CALIFORNIA

Sample ID	Sample Date	TPH[1] (in µg/L) BY EPA METHOD 8015M			
		TPH-c/w	TPH-d	TPH-k	TPH-z
BL-1	3/4/99	ND(1,000)	560	ND(200)	ND(1,000)
	3/4/99[2]	ND(1,000)	450	ND(200)	ND(1,000)
	7/13/99	ND(1,000)	1,300	ND(200)	ND(1,000)
BL-2	3/3/99	--	--	--	ND(1,000)
	7/14/99	ND(1,000)	ND(200)	ND(200)	ND(1,000)
BL-3	3/3/99	--	--	--	--
	7/15/99	ND(1,000)	ND(200)	ND(200)	ND(1,000)
BL-4	3/2/99	--	--	--	--
	7/14/99	ND(1,000)	ND(200)	ND(200)	ND(1,000)
BL-5	3/4/99	ND(1,000)	610	ND(200)	ND(1,000)
	7/13/99	ND(1,000)	1,700	ND(200)	ND(1,000)
BL-6	3/1/99	--	--	--	--
	7/16/99	ND(1,000)	ND(200)	ND(200)	ND(1,000)
	7/16/99[3]	ND(1,000)	ND(200)	ND(200)	ND(1,000)
BL-7	3/2/99	--	--	--	--
	7/14/99	ND(1,000)	ND(200)	ND(200)	ND(1,000)
BL-8	3/2/99	--	--	--	--
	7/13/99	ND(1,000)	ND(200)	ND(200)	ND(1,000)

99-200/Rpts/DrGrWaRcFa (11/19/99/rm)

[1] Only detected analytes are reported in table; results of all analyses are reported in laboratory reports.
[2] Duplicate sample for BL-1 is identified as B-17 in laboratory reports.
[3] Duplicate sample for BL-6 is identified as B-15 in laboratory reports.

TPH-d	Total Petroleum Hydrocarbons - Diesel Range
TPH-k	Total Petroleum Hydrocarbons - Kerosene Range
TPH-c/w	Total Petroleum Hydrocarbons - Crude Oil/Waste Oil
TPH-z	Total Petroleum Hydrocarbons - Z-Oil
µg/L	Micrograms per liter
ND( )	Analyte not detected above the practical quantitation limit (in parentheses)
--	Not sampled

TABLE 4.10

SUMMARY OF GROUND WATER ANALYTICAL RESULTS
DISSOLVED METALS, FORMER ILM FACILITY, TORRANCE, CALIFORNIA

SAMPLE ID	SAMPLE DATE	DISSOLVED METALS[1] (in µg/L)																		
		Arsenic (SM 3114B)	Selenium (SM 3114B)	Aluminum (EPA Method 6010)	Barium (EPA Method 6010)	Cadmium (EPA Method 6010)	Chromium (EPA Method 6010)	Cobalt (EPA Method 6010)	Iron[2]	Lead (EPA Method 7421)	Molybdenum (EPA Method 6010)	Manganese (EPA Method 6010)	Nickel (EPA Method 6010)	Titanium (EPA Method 6010)	Zinc (EPA Method 6010)	Hexavelant Chromium (EPA Method 7196)	Magnesium (EPA Method 6010)	Copper (EPA Method 6010)	Mercury (EPA Method 7470)	Vanadium (EPA Method 6010)
P-1	1/24/95	4.8	ND(2)	ND(50)	ND(100)	ND(5)	1,100	ND(10)	ND(50)	ND(5)	ND(10)	ND(10)	ND(50)	ND(10)	22	1,100	46,000	ND(10)	--	ND(10)
	3/17/95	2	2.2	604	ND(100)	ND(5)	785	ND(10)	388	ND(5)	ND(10)	21	ND(50)	ND(10)	39	780	44,000	ND(10)	--	ND(10)
	12/27/95	ND(2)	ND(2)	ND(50)	ND(100)	ND(10)	1,450	ND(10)	ND(50)	ND(5)	ND(10)	ND(10)	ND(50)	ND(10)	ND(10)	1,280	51,000	ND(10)	--	ND(10)
	12/27/95(D)	ND(2)	ND(2)	ND(50)	ND(100)	10	1,350	ND(10)	ND(50)	ND(5)	ND(10)	ND(10)	ND(50)	ND(10)	ND(10)	1,120	51,000	ND(10)	--	ND(10)
	3/19/96	ND(2)	2.0	ND(50)	ND(100)	ND(10)	1,290	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	920	54,000	ND(10)	--	ND(10)
	6/26/96	ND(2)	ND(2)	ND(50)	ND(100)	ND(10)	1,290	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	1,260	52,000	ND(10)	--	ND(10)
	6/26/96(D)	ND(2)	ND(2)	ND(50)	ND(100)	ND(10)	1,260	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	1,100	51,000	ND(10)	--	ND(10)
	9/18/96	ND(2)	ND(2)	ND(50)	ND(100)	ND(10)	1,040	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	1,040	48,000	ND(10)	--	ND(10)
	7/10/97	--	--	ND(50)	--	--	--	--	--	ND(5)	--	--	--	--	--	1,270	--	--	--	--
	7/10/97(D)	--	--	ND(50)	--	--	--	--	--	ND(5)	--	--	--	--	--	1,270	--	--	--	--
	3/4/99	ND(2)	4.1	ND(50)	112	ND(5)	1,370	ND(50)	ND(50)	ND(5)	ND(50)	--	ND(50)	ND(10)	ND(10)	1,280	--	ND(10)	ND(0.2)	ND(10)
	7/16/99	ND(2)	ND(2)	ND(50)	ND(100)	ND(10)	1,070	ND(50)	--	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	12	1,070	--	ND(10)	ND(0.2)	ND(10)
P-2	1/27/95	12	2	ND(50)	110	ND(5)	ND(10)	ND(10)	ND(50)	ND(5)	ND(10)	280	ND(50)	ND(10)	77	ND(10)	110,000	ND(10)	--	ND(10)
	3/17/95	9.2	2.2	53	199	ND(5)	ND(10)	ND(10)	1,310	6.3	ND(10)	2,150	ND(50)	ND(10)	58	ND(10)	114,000	ND(10)	--	ND(10)
	12/27/95	3.6	ND(2)	1,830	129	ND(10)	ND(5)	ND(10)	3,360	ND(5)	ND(10)	3,620	ND(50)	ND(10)	34	ND(10)	85,000	ND(10)	--	ND(10)
	3/19/96	3.8	ND(2)	13,900	ND(100)	ND(10)	12	ND(50)	41,600	ND(5)	ND(50)	2,650	69	ND(10)	346	ND(10)	21,000	ND(10)	--	ND(10)
	3/19/96(D)	6.2	ND(2)	12,800	138	ND(10)	8.3	ND(50)	51,600	ND(5)	ND(50)	3,690	98	ND(10)	820	ND(10)	27,000	ND(10)	--	ND(10)
	6/20/96	3.6	ND(2)	296	199	ND(10)	ND(5)	ND(50)	8,150	ND(5)	ND(50)	3,360	ND(50)	ND(10)	ND(10)	ND(10)	130,000	ND(10)	--	ND(10)
	6/20/96(D)	3.6	ND(2)	503	198	ND(10)	ND(5)	ND(50)	7,840	ND(5)	ND(50)	3,210	ND(50)	ND(10)	ND(10)	ND(10)	131,000	ND(10)	--	ND(10)
	9/17/96	ND(2)	ND(2)	97	165	ND(10)	ND(5)	ND(50)	1,810	ND(5)	ND(50)	1,840	ND(50)	ND(10)	ND(10)	ND(10)	133,000	ND(10)	--	ND(10)
	7/8/97	--	--	ND(50)	--	ND(10)	--	--	--	ND(5)	--	--	--	--	--	ND(10)	--	--	--	--
	3/2/99	2.2	ND(2)	ND(50)	161	ND(5)	ND(10)	ND(50)	1,550	ND(5)	ND(50)	--	ND(50)	ND(10)	129	2.5J	--	ND(10)	ND(0.2)	ND(10)
	7/13/99	ND(2)	ND(2)	ND(50)	152	ND(10)	ND(10)	ND(50)	--	ND(5)	ND(50)	1,440	ND(50)	ND(10)	114	9.4	--	ND(10)	ND(0.2)	ND(10)
P-3	1/24/95	3.6	ND(2)	ND(50)	110	ND(5)	ND(10)	ND(10)	ND(50)	ND(5)	ND(10)	ND(10)	ND(50)	ND(10)	23	10	66,000	ND(10)	--	ND(10)
	3/17/95	2.2	2	175	113	ND(5)	ND(10)	ND(10)	187	ND(5)	ND(10)	ND(10)	ND(50)	ND(10)	142	ND(10)	60,000	ND(10)	--	ND(10)
	12/20/95	2.4	ND(2)	ND(50)	133	ND(10)	8.8	ND(10)	ND(50)	ND(5)	ND(10)	ND(10)	ND(50)	ND(10)	ND(10)	13	72,000	ND(10)	--	ND(10)
	3/14/96	2.2	ND(2)	ND(50)	136	ND(10)	10	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	10	76,000	ND(10)	--	ND(10)
	6/19/96	3.0	ND(2)	ND(50)	126	ND(10)	10	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	ND(10)	76,000	ND(10)	--	ND(10)
	9/11/96	3.7	ND(2)	ND(50)	133	ND(10)	14	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	12	77,000	ND(10)	--	ND(10)
	7/8/97	--	--	ND(50)	--	ND(10)	--	--	--	ND(5)	--	--	--	--	--	11	--	--	ND(0.2)	--
	3/2/99	3.0	ND(2)	ND(50)	111	ND(5)	12	ND(50)	ND(50)	ND(5)	ND(50)	--	ND(50)	ND(10)	22	31	--	25	ND(0.2)	ND(10)
	7/14/99	2.1	ND(2)	ND(50)	115	ND(10)	10	ND(50)	--	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(50)	12	--	ND(10)	ND(0.2)	ND(10)
P-4	1/26/95	2	ND(2)	ND(50)	110	ND(5)	99	ND(10)	ND(50)	ND(5)	ND(10)	ND(10)	ND(50)	ND(10)	13	115	NA	ND(10)	--	ND(10)
	3/17/95	ND(2)	2.8	ND(50)	130	ND(5)	1,570	ND(10)	ND(50)	ND(5)	ND(10)	ND(10)	ND(50)	ND(10)	334	1,800	71,700	ND(10)	--	ND(10)
	12/21/95	ND(2)	ND(2)	ND(50)	135	13	427	ND(10)	ND(50)	ND(5)	ND(10)	ND(10)	ND(50)	ND(10)	20	480	71,000	ND(10)	--	ND(10)
	3/18/96	2.2	ND(2)	ND(50)	127	ND(10)	385	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	280	68,000	ND(10)	--	ND(10)
	9/16/96	ND(2)	ND(2)	ND(50)	147	ND(10)	280	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	280	84,000	ND(10)	--	ND(10)
	7/9/97	--	--	1,450	--	--	--	--	--	ND(5)	--	--	--	--	--	140	--	--	ND(0.2)	--
	WELL ABANDONED 10/97																			
P-5	1/26/95	12	ND(2)	ND(100)	130	ND(5)	ND(10)	ND(10)	6,240	ND(5)	ND(10)	1,370	ND(50)	ND(10)	ND(10)	ND(10)	NA	ND(10)	--	ND(10)
	3/17/95	5.6	ND(2)	314	ND(100)	ND(5)	ND(10)	ND(10)	4,580	7.4	ND(10)	623	ND(50)	ND(10)	27	ND(10)	38,400	ND(10)	--	ND(10)
	12/27/95	ND(2)	ND(2)	ND(50)	179	ND(10)	ND(5)	ND(10)	10,000	ND(5)	ND(10)	1,310	ND(50)	ND(10)	ND(10)	ND(10)	97,000	ND(10)	--	ND(10)
	3/19/96	27	ND(2)	ND(50)	192	ND(10)	ND(5)	ND(50)	11,700	ND(5)	ND(50)	1,350	ND(50)	ND(10)	ND(10)	ND(10)	91,000	ND(10)	--	ND(10)
	6/19/96	33	ND(2)	ND(50)	163	ND(10)	ND(5)	ND(50)	14,300	ND(5)	ND(50)	1,500	ND(50)	ND(10)	12	ND(10)	87,000	ND(10)	--	ND(10)
	9/17/96	29	ND(2)	ND(50)	196	ND(10)	ND(5)	ND(50)	13,400	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	ND(10)	101,000	ND(10)	--	ND(10)
	9/17/96(D)	31	ND(2)	ND(50)	181	ND(10)	ND(5)	ND(50)	12,700	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	ND(10)	106,000	ND(10)	--	ND(10)
P-6	3/16/95	ND(2)	2.4	ND(50)	ND(100)	ND(5)	ND(10)	ND(10)	ND(50)	ND(5)	ND(10)	57	ND(50)	ND(10)	ND(10)	10	66,400	ND(10)	--	ND(10)
	12/20/95	ND(2)	2.2	ND(50)	176	ND(10)	14	ND(10)	ND(50)	ND(5)	ND(10)	ND(10)	ND(50)	ND(10)	ND(10)	14	90,000	ND(10)	--	ND(10)
	3/18/96	ND(2)	2.0	ND(50)	193	ND(10)	11	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	ND(10)	91,000	ND(10)	--	ND(10)
	6/20/96	ND(2)	2.0	ND(50)	171	ND(10)	13	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	15	10	85,000	ND(10)	--	ND(10)
	9/12/96	ND(2)	ND(2)	ND(50)	144	ND(10)	14	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	15	69,000	ND(10)	--	ND(10)
	7/9/97	--	--	ND(50)	--	--	--	--	--	ND(5)	--	--	--	--	--	15	--	--	--	--
	WELL ABANDONED 10/97																			

TABLE 4-10 P-1

BOE-C6-0100917

TABLE 4.10

SUMMARY OF GROUND WATER ANALYTICAL RESULTS
DISSOLVED METALS, FORMER ILM FACILITY, TORRANCE, CALIFORNIA
(Continued)

SAMPLE ID	SAMPLE DATE	DISSOLVED METALS[1] (in µg/L)																		
		Arsenic (SM 3114B)	Selenium (SM 3114B)	Aluminum (EPA Method 6010)	Barium (EPA Method 6010)	Cadmium (EPA Method 6010)	Chromium (EPA Method 6010)	Cobalt (EPA Method 6010)	Iron[2]	Lead (EPA Method 7421)	Molybdenum (EPA Method 6010)	Manganese (EPA Method 6010)	Nickel (EPA Method 6010)	Titanium (EPA Method 6010)	Zinc (EPA Method 6010)	Hexavelant Chromium (EPA Method 7196)	Magnesium (EPA Method 6010)	Copper (EPA Method 6010)	Mercury (EPA Method 7470)	Vanadium (EPA Method 6010)
P-6B	3/3/99	2.3	ND(2)	ND(50)	268	ND(5)	ND(10)	ND(50)	53	ND(5)	ND(50)	--	ND(50)	ND(10)	12	4.9	--	ND(10)	ND(0.2)	ND(10)
	7/14/99	ND(2)	ND(2)	ND(50)	350	ND(10)	ND(10)	ND(50)	--	ND(5)	ND(50)	806	ND(50)	ND(10)	ND(50)	6.7	--	ND(10)	ND(0.2)	ND(10)
P-7	3/17/95	2.2	ND(2)	733	ND(100)	ND(5)	ND(10)	ND(10)	806	ND(5)	ND(10)	104	ND(50)	29	20	ND(10)	41,000	ND(10)	--	ND(10)
	3/17/95(D)	ND(2)	ND(2)	154	ND(100)	ND(5)	ND(10)	ND(10)	104	ND(5)	ND(10)	126	ND(50)	ND(10)	22	ND(10)	40,000	22	--	ND(10)
	12/21/95	2.0	ND(2)	ND(50)	ND(100)	ND(10)	ND(5)	ND(10)	ND(50)	ND(5)	ND(10)	77	ND(50)	ND(10)	14	ND(10)	34,000	ND(10)	--	ND(10)
	3/18/96	2.8	ND(2)	ND(50)	ND(100)	ND(10)	ND(5)	ND(50)	ND(50)	ND(5)	ND(50)	70	ND(50)	ND(10)	ND(10)	ND(10)	36,000	ND(10)	--	ND(10)
	6/24/96	ND(2)	ND(2)	ND(50)	ND(100)	ND(10)	ND(5)	ND(50)	ND(50)	ND(5)	ND(50)	47	ND(50)	ND(10)	ND(10)	ND(10)	36,000	ND(10)	--	ND(10)
	9/16/96	ND(2)	ND(2)	ND(50)	ND(100)	ND(10)	ND(5)	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	ND(10)	37,000	ND(10)	--	ND(10)
	7/9/97	--	--	ND(50)	--	--	--	--	--	ND(5)	--	--	--	--	--	ND(10)	--	--	--	--
	3/4/99	5.9	ND(2)	ND(50)	ND(100)	ND(5)	ND(10)	ND(50)	ND(50)	ND(5)	ND(50)	--	ND(50)	ND(10)	11	2.8	--	ND(10)	ND(0.2)	10
	7/15/99	5.0	ND(2)	ND(50)	108	ND(10)	ND(10)	ND(50)	--	ND(5)	ND(50)	268	ND(50)	ND(10)	ND(10)	2.0	--	ND(10)	ND(0.2)	11
P-8	3/16/95	ND(2)	4.1	ND(50)	ND(100)	ND(5)	56	ND(10)	ND(50)	ND(5)	ND(10)	15	ND(50)	ND(10)	ND(10)	60	34,500	ND(10)	--	ND(10)
	WELL ABANDONED 8/96																			
P-9	3/16/95	ND(2)	ND(2)	ND(50)	ND(100)	ND(5)	ND(10)	ND(10)	ND(50)	ND(5)	ND(10)	16	ND(50)	ND(10)	30	20	86,000	ND(10)	--	ND(10)
	12/20/95	2.2	ND(2)	ND(50)	ND(100)	ND(10)	12	ND(10)	ND(50)	ND(5)	ND(10)	ND(10)	ND(50)	ND(10)	ND(10)	17	67,000	ND(10)	--	ND(10)
	3/18/96	3.6	ND(2)	ND(50)	ND(100)	ND(10)	15	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	ND(10)	70,000	ND(10)	--	ND(10)
	6/26/96	ND(2)	ND(2)	ND(50)	ND(100)	ND(10)	16	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	16	64,000	ND(10)	--	ND(10)
	9/12/96	ND(2)	ND(2)	ND(50)	ND(100)	ND(10)	13	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	14	68,000	ND(10)	--	ND(10)
	7/9/97	--	--	ND(50)	--	--	--	--	--	ND(5)	--	--	--	--	--	16.0	--	--	--	--
	WELL ABANDONED 10/97																			
P-9B	3/3/99	ND(2)	ND(2)	ND(50)	ND(100)	ND(5)	12	ND(50)	ND(50)	ND(5)	ND(50)	--	ND(50)	ND(10)	15	22	--	ND(10)	ND(0.2)	ND(10)
	7/14/99	ND(2)	ND(2)	ND(50)	ND(100)	ND(10)	10	ND(50)	--	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(50)	18	--	ND(10)	ND(0.2)	ND(10)
P-10	3/16/95	5.8	2.6	ND(50)	ND(100)	ND(5)	28	ND(10)	ND(50)	ND(5)	ND(10)	30	ND(50)	ND(10)	24	30	58,000	ND(10)	--	ND(10)
	12/19/95	2.6	2.6	ND(50)	ND(100)	ND(10)	28	ND(10)	ND(50)	ND(5)	ND(10)	ND(10)	ND(50)	ND(10)	ND(10)	30	62,000	ND(10)	--	ND(10)
	3/14/96	ND(2)	2.4	ND(50)	ND(100)	ND(10)	30	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	31	66,000	ND(10)	--	ND(10)
	6/18/96	2.6	2.0	ND(50)	ND(100)	ND(10)	29	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	25	66,000	ND(10)	--	ND(10)
	9/11/96	3.3	2.1	ND(50)	ND(100)	ND(10)	28	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	30	66,000	10	--	ND(10)
	7/8/97	--	--	ND(50)	--	--	--	--	--	ND(5)	--	--	--	--	--	35	--	--	--	--
	3/1/99	ND(2)	2.6	ND(50)	ND(100)	ND(5)	30	ND(50)	ND(50)	ND(5)	ND(50)	--	ND(50)	ND(10)	24	31J	--	29	ND(0.2)	ND(10)
	7/13/99	ND(2)	2.0	ND(50)	ND(100)	ND(10)	31	ND(50)	--	ND(5)	ND(50)	13	ND(50)	ND(10)	11	33	--	ND(10)	ND(0.2)	ND(10)
P-11	12/27/95	ND(2)	ND(2)	ND(50)	101	ND(10)	13	ND(10)	ND(50)	ND(5)	ND(10)	19	ND(50)	ND(10)	ND(10)	18	139,000	ND(10)	--	ND(10)
	3/14/96	ND(2)	ND(2)	ND(50)	133	ND(10)	15	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	17	138,000	ND(10)	--	ND(10)
	6/19/96	ND(2)	2.0	ND(50)	100	ND(10)	23	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	20	118,000	ND(10)	--	ND(10)
	9/11/96	ND(2)	ND(2)	ND(50)	134	ND(10)	19	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	21	139,000	20	--	ND(10)
	7/8/97	--	--	ND(50)	--	--	--	--	--	ND(5)	--	--	--	--	--	26	--	--	ND(0.2)	--
	WELL ABANDONED 10/97																			
P-12	12/21/95	6.2	2.0	ND(50)	112	ND(10)	18	21	ND(50)	ND(5)	ND(10)	81	ND(50)	ND(10)	12	21	63,000	ND(10)	--	ND(10)
	3/19/96	2.6	2.4	ND(50)	170	ND(10)	22	ND(50)	177	ND(5)	ND(50)	44	ND(50)	ND(10)	ND(10)	11	66,000	ND(10)	--	ND(10)
	6/26/96	2.7	2.4	ND(50)	160	ND(10)	25	ND(50)	260	9.5	ND(50)	38	ND(50)	ND(10)	ND(10)	23	60,000	ND(10)	--	ND(10)
	6/26/96(D)	2.8	2.5	ND(50)	162	ND(10)	25	ND(50)	236	ND(5)	ND(50)	35	ND(50)	ND(10)	ND(10)	25	60,000	ND(10)	--	ND(10)
	9/18/96	2.3	ND(2)	ND(50)	160	ND(10)	26	ND(10)	153	ND(5)	ND(50)	23	ND(50)	ND(10)	ND(10)	24	59,000	ND(10)	--	ND(10)
	7/10/97	--	--	ND(50)	--	20	--	--	--	ND(5)	--	--	--	--	--	17	--	--	0.20	--
	3/3/99	2.1	ND(2)	ND(50)	190	ND(5)	26	58	1,190	ND(5)	ND(50)	--	ND(50)	ND(10)	ND(50)	36	--	ND(10)	1.90	ND(10)
	WELL DAMAGED 7/99																			
P-13	12/21/95	2.6	7.8	ND(50)	ND(100)	ND(10)	15	ND(10)	ND(50)	ND(5)	11	ND(10)	ND(50)	19	ND(10)	ND(10)	22,000	ND(10)	--	ND(10)
	3/14/96	ND(2)	8.2	ND(50)	ND(100)	ND(10)	17	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	15	22,000	ND(10)	--	ND(10)
	6/19/96	2.0	8.6	ND(50)	ND(100)	ND(10)	14	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	10	24,000	ND(10)	--	ND(10)
	9/11/96	2.5	6.6	ND(50)	ND(100)	ND(10)	13	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	12	24,000	ND(10)	--	ND(10)
	7/8/97	--	--	ND(50)	--	--	--	--	--	ND(5)	--	--	--	--	--	17	--	--	ND(0.2)	--
	WELL ABANDONED 10/97																			

TABLE 4.10 P6B

TABLE 4.10 P-6B

BOE-C6-0100918

TABLE 4.10

SUMMARY OF GROUND WATER ANALYTICAL RESULTS
DISSOLVED METALS, FORMER ILM FACILITY, TORRANCE, CALIFORNIA
(Continued)

SAMPLE ID	SAMPLE DATE	DISSOLVED METALS[1] (in µg/L)																		
		Arsenic (SM 3114B)	Selenium (SM 3114B)	Aluminum (EPA Method 6010)	Barium (EPA Method 6010)	Cadmium (EPA Method 6010)	Chromium (EPA Method 6010)	Cobalt (EPA Method 6010)	Iron[2]	Lead (EPA Method 7421)	Molybdenum (EPA Method 6010)	Manganese (EPA Method 6010)	Nickel (EPA Method 6010)	Titanium (EPA Method 6010)	Zinc (EPA Method 6010)	Hexavelant Chromium (EPA Method 7196)	Magnesium (EPA Method 6010)	Copper (EPA Method 6010)	Mercury (EPA Method 7470)	Vanadium (EPA Method 6010)
P-14	12/21/95	2.4	2.0	ND(50)	ND(100)	ND(10)	2,820	ND(10)	ND(50)	ND(5)	ND(10)	ND(10)	ND(50)	ND(10)	ND(10)	2,600	34,000	ND(10)	--	ND(10)
	3/19/96	2.8	3.2	ND(50)	ND(100)	ND(10)	2,170	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	1,240	34,000	ND(10)	--	ND(10)
	6/26/96	ND(2)	3.0	ND(50)	ND(100)	ND(10)	1,860	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	12	1,360	32,000	20	--	ND(10)
	9/17/96	ND(2)	ND(2)	ND(50)	ND(100)	ND(10)	1,590	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(10)	ND(10)	ND(10)	1,640	32,000	ND(10)	--	ND(10)
	7/10/97	--	--	ND(50)	--	--	--	--	--	ND(5)	--	--	--	--	--	555	--	--	ND(0.2)	--
	WELL ABANDONED 10/97																			
P-15	12/27/95	2.8	ND(2)	ND(50)	ND(100)	ND(10)	388	ND(10)	ND(50)	ND(5)	ND(10)	ND(10)	ND(50)	ND(10)	ND(10)	370	34,000	ND(10)	--	ND(10)
	3/19/96	3.0	ND(2)	ND(50)	ND(100)	ND(10)	218	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	120	30,000	ND(10)	--	ND(10)
	6/26/96	2.7	ND(2)	ND(50)	ND(100)	ND(10)	86	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	78	27,000	ND(10)	--	ND(10)
	9/18/96	2.1	ND(2)	ND(50)	ND(100)	ND(10)	73	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	72	25,000	ND(10)	--	ND(10)
	7/10/97	--	--	ND(50)	--	--	--	--	--	ND(5)	--	--	--	--	--	277	--	--	--	--
	WELL ABANDONED 10/97																			
P-16A	12/26/95	4.8	2.6	ND(50)	ND(100)	ND(10)	26	ND(10)	ND(50)	ND(5)	ND(10)	28	ND(50)	ND(10)	11	23	59,000	ND(10)	--	ND(10)
	3/18/96	5.4	2.4	ND(50)	ND(100)	ND(10)	23	ND(50)	ND(50)	ND(5)	ND(50)	12	ND(50)	ND(10)	10	14	68,000	ND(10)	--	ND(10)
	3/18/96(D)	7.2	2.0	ND(50)	ND(100)	ND(10)	24	ND(50)	ND(50)	ND(5)	ND(50)	10	ND(50)	ND(10)	12	22	69,000	ND(10)	--	ND(10)
	6/25/96	5.4	3.6	ND(50)	ND(100)	ND(10)	60	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	15	54	52,000	ND(10)	--	ND(10)
	9/16/96	4.5	ND(2)	ND(50)	ND(100)	ND(10)	23	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	24	82,000	ND(10)	--	ND(10)
	7/9/97	--	--	ND(50)	--	--	--	--	--	ND(5)	--	--	--	--	--	21	--	--	--	--
	3/4/99	7.5	2.0	ND(50)	ND(100)	ND(5)	ND(10)	ND(50)	ND(50)	ND(5)	ND(50)	--	ND(50)	ND(10)	ND(10)	14	--	ND(10)	ND(0.2)	--
	7/15/99	8.3	ND(2)	ND(50)	ND(100)	ND(10)	12	ND(50)	--	ND(5)	ND(50)	--	ND(50)	ND(10)	ND(10)	15	--	ND(10)	ND(0.2)	ND(10)
P-16B	12/19/95	ND(2)	2.8	ND(50)	158	ND(10)	ND(5)	ND(10)	ND(50)	ND(5)	ND(10)	94	ND(50)	ND(10)	498	ND(10)	35,000	ND(10)	--	ND(10)
	12/19/95(D)	ND(2)	2.8	ND(50)	157	ND(10)	ND(5)	ND(10)	ND(50)	ND(5)	ND(10)	94	ND(50)	ND(10)	497	ND(10)	36,000	14	--	ND(10)
	3/18/96	ND(2)	2.4	ND(50)	168	ND(10)	ND(5)	ND(50)	ND(50)	ND(5)	ND(50)	72	ND(50)	ND(10)	550	ND(10)	38,000	ND(10)	--	ND(10)
	6/24/96	ND(2)	5.8	ND(50)	492	ND(10)	ND(5)	ND(50)	ND(50)	ND(5)	ND(50)	22	ND(50)	ND(10)	18	ND(10)	98,000	ND(10)	--	ND(10)
	WELL DESTROYED 8/96																			
P-16C	9/12/96	3.0	5.3	ND(50)	388	ND(10)	ND(5)	ND(50)	ND(50)	ND(5)	ND(50)	335	ND(50)	ND(10)	1,500	ND(10)	96,000	ND(10)	--	ND(10)
	7/9/97	--	--	ND(50)	--	--	--	--	--	ND(5)	--	--	--	--	--	ND(10)	--	--	--	--
	3/2/99	ND(2)	5.1	ND(50)	424	ND(5)	ND(10)	ND(50)	ND(50)	ND(5)	ND(50)	--	ND(50)	ND(10)	37	ND(5)UJ	--	ND(10)	ND(0.2)	ND(10)
	7/14/99	ND(2)	4.1	ND(100)	484	ND(10)	ND(10)	ND(50)	--	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(50)	5.4	--	ND(10)	ND(0.2)	ND(10)
P-17	12/21/95	2.0	ND(2)	ND(50)	ND(100)	ND(10)	1,030	ND(10)	ND(50)	ND(5)	ND(10)	53	ND(50)	ND(10)	13	902	62,000	ND(10)	--	ND(10)
	3/19/96	ND(2)	2.6	ND(50)	ND(100)	ND(10)	967	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	640	62,000	ND(10)	--	ND(10)
	9/18/96	ND(2)	ND(2)	ND(50)	ND(100)	ND(10)	1,060	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	1,140	55,000	ND(10)	--	ND(10)
	7/10/97	--	--	ND(50)	--	--	--	--	--	ND(5)	--	--	--	--	--	1,330	--	--	--	--
	3/4/99	ND(2)	ND(2)	ND(50)	ND(100)	ND(5)	30	ND(50)	ND(50)	ND(5)	ND(50)	--	ND(50)	ND(10)	ND(10)	40	--	ND(10)	ND(0.2)	ND(10)
	7/15/99	ND(2)	ND(2)	ND(50)	ND(100)	ND(10)	23	ND(50)	--	ND(5)	ND(50)	12	ND(50)	ND(10)	10	24	--	ND(10)	ND(0.2)	ND(10)
P-18	12/26/95	3.4	4.2	926	ND(100)	ND(10)	19	ND(10)	268	ND(5)	ND(10)	77	ND(50)	ND(10)	32	10	63,000	ND(10)	--	ND(10)
	3/19/96	3.0	2.2	472	ND(100)	ND(10)	14	ND(50)	108	ND(5)	ND(50)	30	ND(50)	ND(10)	19	11	52,000	ND(10)	--	ND(10)
	9/12/96	2.9	3.3	ND(50)	ND(100)	ND(10)	10	ND(50)	ND(50)	ND(5)	ND(50)	40	ND(50)	ND(10)	ND(10)	ND(10)	54,000	ND(10)	--	ND(10)
	9/12/96(D)	3.3	3.3	ND(50)	ND(100)	18	10	ND(50)	ND(50)	ND(5)	ND(50)	38	ND(50)	ND(10)	ND(10)	ND(10)	54,000	ND(10)	--	ND(10)
	7/8/97	--	--	ND(50)	--	--	--	--	--	ND(5)	--	--	--	--	--	19	--	--	--	--
	WELL ABANDONED 10/97																			
P-19	12/26/95	2.6	4.0	ND(50)	ND(100)	ND(10)	8.8	ND(10)	ND(50)	6.3	ND(10)	42	ND(50)	ND(10)	ND(10)	10	56,000	ND(10)	--	ND(10)
	3/19/96	ND(2)	3.8	ND(50)	ND(100)	ND(10)	13	ND(50)	ND(50)	ND(5)	ND(50)	13	ND(50)	ND(10)	ND(10)	ND(10)	57,000	ND(10)	--	ND(10)
	6/25/96	ND(2)	4.2	ND(50)	ND(100)	ND(10)	18	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	17	56,000	ND(10)	--	ND(10)
	9/17/96	ND(2)	2.0	ND(50)	ND(100)	ND(10)	16	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	16	55,000	ND(10)	--	ND(10)
	7/9/97	--	--	ND(50)	--	--	--	--	--	ND(5)	--	--	--	--	--	31	--	--	--	--
	WELL ABANDONED 10/97																			

TABLE 4.10 P-14

BOE-C6-0100919

TABLE 4.10

SUMMARY OF GROUND WATER ANALYTICAL RESULTS
DISSOLVED METALS, FORMER ILM FACILITY, TORRANCE, CALIFORNIA
(Continued)

SAMPLE ID	SAMPLE DATE	DISSOLVED METALS(1) (in µg/L)																		
		Arsenic (SM 3114B)	Selenium (SM 3114B)	Aluminum (EPA Method 6010)	Barium (EPA Method 6010)	Cadmium (EPA Method 6010)	Chromium (EPA Method 6010)	Cobalt (EPA Method 6010)	Iron(2)	Lead (EPA Method 7421)	Molybdenum (EPA Method 6010)	Manganese (EPA Method 6010)	Nickel (EPA Method 6010)	Titanium (EPA Method 6010)	Zinc (EPA Method 6010)	Hexavalent Chromium (EPA Method 7196)	Magnesium (EPA Method 6010)	Copper (EPA Method 6010)	Mercury (EPA Method 7470)	Vanadium (EPA Method 6010)
P-20	12/27/95	2.6	ND(2)	ND(50)	ND(100)	ND(10)	26	ND(10)	ND(50)	ND(5)	ND(10)	14	ND(50)	ND(10)	ND(10)	26	76,000	ND(10)	--	ND(10)
	3/18/96	2.2	ND(2)	ND(50)	ND(100)	ND(10)	23	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	13	73,000	ND(10)	--	ND(10)
	6/25/96	2.4	ND(2)	ND(50)	ND(100)	ND(10)	27	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	18	23	50,000	ND(50)	--	ND(10)
	9/16/96	ND(2)	ND(2)	ND(50)	ND(100)	ND(10)	18	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	17	67,000	ND(10)	--	ND(10)
	7/10/97	--	--	ND(50)	--	--	--	--	--	ND(5)	--	--	--	--	--	19	--	--	--	--
	3/4/99	ND(2)	ND(2)	ND(50)	ND(100)	ND(5)	27	ND(50)	ND(50)	ND(5)	ND(50)	--	ND(50)	ND(10)	ND(10)	35	--	ND(10)	ND(0.2)	ND(10)
	3/4/99(D)[3]	ND(2)	ND(2)	ND(50)	ND(100)	ND(5)	28	ND(50)	ND(50)	ND(5)	ND(50)	--	ND(50)	ND(10)	ND(10)	33	--	ND(10)	ND(0.2)	ND(10)
	7/16/99	ND(2)	ND(2)	ND(100)	ND(100)	ND(10)	21	ND(50)	–	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	25	–	ND(10)	ND(0.2)	ND(10)
	7/16/99(D)[4]	ND(2)	ND(2)	ND(100)	ND(100)	ND(10)	22	ND(50)	–	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	27	–	ND(10)	ND(0.2)	ND(10)
P-21	12/26/95	2.4	ND(2)	ND(50)	ND(100)	ND(10)	ND(5)	ND(10)	ND(50)	ND(5)	ND(50)	41	ND(50)	ND(10)	19	ND(10)	52,000	ND(10)	--	ND(10)
	3/18/96	4.6	ND(2)	ND(50)	ND(100)	ND(10)	ND(5)	ND(50)	ND(50)	ND(5)	ND(50)	100	ND(50)	ND(10)	ND(10)	ND(10)	52,000	ND(10)	--	ND(10)
	6/25/96	2.4	ND(2)	ND(50)	ND(100)	ND(10)	ND(5)	ND(50)	ND(50)	ND(5)	ND(50)	22	ND(50)	ND(10)	11	ND(10)	46,000	ND(10)	--	ND(10)
	9/17/96	2.3	ND(2)	ND(50)	ND(100)	ND(10)	ND(5)	ND(50)	ND(50)	ND(5)	ND(50)	25	ND(50)	ND(10)	ND(10)	ND(10)	49,000	ND(10)	--	ND(10)
	7/10/97	--	--	ND(50)	--	--	--	--	--	ND(5)	--	--	--	--	--	ND(10)	--	--	--	--
	WELL ABANDONED 10/97																			
P-22	12/20/95	14	6.0	ND(50)	ND(100)	ND(10)	8.5	ND(10)	ND(50)	ND(5)	ND(10)	22	ND(50)	ND(10)	43	11	24,000	ND(10)	--	ND(10)
	3/18/96	7.6	6.0	ND(50)	ND(100)	ND(10)	11	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	11	25,000	ND(10)	--	ND(10)
	6/20/96	5.2	6.4	ND(50)	ND(100)	ND(10)	14	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	10	24,000	ND(10)	--	ND(10)
	9/12/96	4.5	5.8	ND(50)	ND(100)	ND(10)	12	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	12	27,000	ND(10)	--	ND(10)
	7/9/97	--	--	ND(50)	--	--	--	--	--	ND(5)	--	--	--	--	--	12	--	--	--	--
	3/3/99	3.8	2.3	ND(50)	178	ND(5)	10	ND(50)	ND(50)	ND(5)	ND(50)	--	ND(50)	ND(10)	ND(10)	18	--	ND(10)	ND(0.2)	ND(10)
	7/15/99	3.3	2.1	ND(50)	190	ND(10)	10	ND(50)	–	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	16	17	–	ND(10)	ND(0.2)	ND(10)
P-23	12/20/95	2.8	ND(2)	ND(50)	ND(100)	ND(10)	11	ND(10)	ND(50)	ND(5)	ND(10)	13	ND(50)	ND(10)	24	16	93,000	ND(10)	--	ND(10)
	3/14/96	ND(2)	ND(2)	ND(50)	ND(100)	ND(10)	14	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	12	13	96,000	ND(10)	--	ND(10)
	6/20/96	2.6	ND(2)	ND(50)	ND(100)	ND(10)	14	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	10	97,000	ND(10)	--	ND(10)
	9/11/96	3.0	ND(2)	ND(50)	ND(100)	ND(10)	14	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	14	89,000	ND(10)	--	ND(10)
	7/8/97	--	--	ND(50)	--	ND(10)	--	--	--	ND(5)	--	--	--	--	--	14	--	--	ND(0.2)	--
	WELL ABANDONED 10/97																			
P-24	12/20/95	2.0	ND(2)	ND(50)	ND(100)	ND(10)	ND(5)	ND(10)	ND(50)	ND(5)	ND(10)	875	ND(50)	ND(10)	11	ND(10)	77,000	ND(10)	--	ND(10)
	3/19/96	ND(2)	ND(2)	ND(50)	ND(100)	ND(10)	ND(5)	ND(50)	ND(50)	ND(5)	ND(50)	1,080	ND(50)	ND(10)	ND(10)	ND(10)	85,000	ND(10)	--	ND(10)
	6/24/96	ND(2)	ND(2)	ND(50)	ND(100)	ND(10)	ND(5)	ND(50)	ND(50)	ND(5)	ND(50)	509	ND(50)	ND(10)	ND(10)	ND(10)	82,000	ND(10)	--	ND(10)
	9/17/96	2.3	ND(2)	ND(50)	ND(100)	ND(10)	ND(5)	ND(50)	ND(50)	ND(5)	ND(50)	922	ND(50)	ND(10)	ND(10)	ND(10)	81,000	ND(10)	--	ND(10)
	9/17/96(D)	2.3	ND(2)	ND(50)	ND(100)	ND(10)	ND(5)	ND(50)	ND(50)	ND(5)	ND(50)	844	ND(50)	ND(10)	ND(10)	ND(10)	89,000	ND(10)	--	ND(10)
	7/9/97	--	--	3,240	--	ND(10)	--	--	--	ND(5)	--	--	--	--	--	60	--	--	ND(0.2)	--
	3/3/99	3.6	ND(2)	ND(50)	120	ND(5)	ND(10)	ND(50)	ND(50)	ND(5)	ND(50)	--	ND(50)	ND(10)	16	5.6	--	ND(10)	ND(0.2)	ND(10)
	7/15/99	4.0	ND(2)	ND(50)	133	ND(10)	ND(10)	ND(50)	–	ND(5)	ND(50)	114	ND(50)	ND(10)	ND(10)	ND(2)	–	ND(10)	ND(0.2)	ND(10)
P-25	12/26/95	2.4	ND(2)	ND(50)	ND(100)	ND(10)	518	ND(10)	ND(50)	ND(5)	ND(10)	28	ND(50)	ND(10)	ND(10)	480	58,000	ND(10)	--	ND(10)
	3/19/96	2.4	ND(2)	ND(50)	ND(100)	ND(10)	329	ND(50)	ND(50)	ND(5)	ND(50)	12	ND(50)	ND(10)	ND(10)	22	58,000	ND(10)	--	ND(10)
	6/26/96	ND(2)	ND(2)	ND(50)	ND(100)	ND(10)	464	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	480	58,000	ND(10)	--	ND(10)
	9/18/96	ND(2)	ND(2)	ND(50)	ND(100)	ND(10)	478	ND(50)	ND(50)	ND(5)	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	480	55,000	ND(10)	--	ND(10)
	7/10/97	--	--	218	--	--	--	--	--	ND(5)	--	--	--	--	--	281	--	--	--	--
	7/10/97(D)	--	--	ND(50)	--	--	--	--	--	ND(5)	--	--	--	--	--	323	--	--	--	--
	WELL ABANDONED 10/97																			

99-200/Rpts/DrGrWaRcFa (12/27/99/jb)

TABLE 4.10 P-20

(1) Only detected analytes are reported in table; results of all analyses are reported in laboratory reports.
(2) Dissolved iron analyzed in the field using Hach Field Test Kit.
(3) Duplicate sample for P-20 is identified as P-29 in laboratory reports.
(4) Duplicate sample for P-20 is identified as P-30 in laboratory reports.

µg/L Micrograms per liter
ND( ) Analytes not detected above the particle quantitation limit (in parentheses)
(D) Duplicate sample
– Not sampled

TABLE 4.10 P20

BOE-C6-0100920

TABLE 4.11

SUMMARY OF GROUND WATER ANALYTICAL RESULTS
DISSOLVED METALS, BRC PROPERTY, TORRANCE, CALIFORNIA

SAMPLE ID	SAMPLE DATE	DISSOLVED METALS[1] (in µg/L)																
		Arsenic (SM 3114B)	Selenium (SM 3114B)	Aluminum (EPA Method 6010)	Barium (EPA Method 6010)	Cadmium (EPA Method 6010)	Chromium (EPA Method 6010)	Cobalt (EPA Method 6010)	Iron[3]	Lead (EPA Method 7421)	Manganese (EPA Method 6010)	Molybdenum (EPA Method 6010)	Nickel (EPA Method 6010)	Titanium (EPA Method 6010)	Zinc (EPA Method 6010)	Hexavelant Chromium (EPA Method 7196)	Copper (EPA Method 6010)	Mercury (EPA Method 7470)
BL-1	3/4/99	ND(2)	ND(2)	ND(50)	ND(100)	ND(5)	ND(10)	ND(50)	ND(50)	ND(5)	–	ND(50)	ND(50)	ND(10)	ND(10)	4.1	ND(10)	ND(0.2)
	3/4/99[2]	ND(2)	ND(2)	ND(50)	ND(100)	ND(5)	ND(10)	ND(50)	50	ND(5)	–	ND(50)	ND(50)	ND(10)	ND(10)	4.8	ND(10)	ND(0.2)
	7/13/99	ND(2)	ND(2)	ND(50)	ND(100)	ND(10)	ND(10)	ND(50)	–	ND(5)	16	ND(50)	ND(50)	ND(10)	ND(50)	ND(2)	ND(10)	ND(0.2)
BL-2	3/3/99	3.9	ND(2)	ND(50)	ND(100)	ND(5)	ND(10)	ND(50)	ND(50)	ND(5)	–	ND(50)	ND(50)	ND(10)	ND(50)	15	ND(10)	ND(0.2)
	7/14/99	2.5	ND(2)	ND(50)	ND(100)	ND(10)	ND(10)	ND(50)	–	ND(5)	ND(10)	ND(50)	ND(50)	ND(10)	ND(50)	14	ND(10)	ND(0.2)
BL-3	3/3/99	ND(2)	ND(2)	ND(50)	270	ND(5)	ND(10)	ND(50)	ND(50)	ND(5)	–	ND(50)	ND(50)	ND(10)	ND(50)	11	ND(10)	ND(0.2)
	7/15/99	ND(2)	ND(2)	ND(50)	397	ND(10)	10	ND(50)	–	ND(5)	13.0	ND(50)	ND(50)	ND(10)	ND(50)	12	ND(20)	ND(0.2)
BL-4	3/2/99	2.1	ND(2)	ND(50)	ND(100)	ND(5)	ND(10)	ND(50)	ND(50)	ND(5)	–	ND(50)	ND(50)	ND(10)	ND(10)	4.3	ND(10)	ND(0.2)
	7/14/99	ND(2)	ND(2)	ND(50)	ND(100)	ND(10)	ND(10)	ND(50)	–	ND(5)	ND(10)	ND(50)	ND(50)	ND(10)	ND(50)	10	ND(10)	ND(0.2)
BL-5	3/4/99	ND(2)	2.6	ND(50)	ND(100)	ND(5)	ND(10)	ND(50)	ND(50)	ND(5)	–	ND(50)	ND(50)	ND(10)	16	5.5	ND(10)	ND(0.2)
	7/13/99	ND(2)	ND(2)	ND(50)	ND(100)	ND(10)	ND(10)	ND(50)	–	ND(5)	38	ND(50)	ND(50)	ND(10)	ND(50)	ND(2)	ND(10)	ND(0.2)
BL-6	3/1/99	2.1	2.0	ND(50)	32	ND(5)	213	ND(50)	ND(50)	ND(5)	–	ND(50)	ND(50)	ND(10)	ND(50)	167	12U	ND(0.2)
	7/16/99	60R	ND(2)	ND(50)	ND(100)	ND(10)	203	ND(50)	–	ND(5)	ND(10)	ND(50)	ND(50)	ND(10)	ND(50)	214	ND(10)	ND(0.2)
	7/16/99(D)[3]	10R	ND(2)	ND(50)	ND(100)	ND(10)	210	ND(50)	–	ND(5)	ND(10)	ND(50)	ND(50)	ND(10)	ND(50)	214	ND(10)	ND(0.2)
BL-7	3/2/99	4.8	ND(2)	ND(50)	ND(100)	ND(5)	16	ND(50)	ND(50)	ND(5)	–	ND(50)	ND(50)	ND(10)	ND(10)	16	ND(10)	ND(0.2)
	7/14/99	2.6	ND(2)	ND(50)	ND(100)	ND(10)	24	ND(50)	–	ND(5)	ND(10)	ND(50)	ND(50)	ND(10)	ND(50)	26	ND(10)	ND(0.2)
BL-8	3/2/99	2.4	ND(2)	ND(50)	122	ND(5)	11	ND(50)	ND(50)	ND(5)	–	ND(50)	ND(50)	ND(10)	ND(10)	14	22U	ND(0.2)
	7/13/99	ND(2)	ND(2)	ND(50)	285	ND(10)	15	ND(50)	–	ND(5)	ND(10)	ND(50)	ND(50)	ND(10)	ND(50)	ND(2)	ND(10)	ND(0.2)

TABLE 4.11

99-2100/Rpts/DrGrWaRcFa (11/15/99/dh)

TABLE 4.11

(1) Only detected analytes are reported in table; results of all analyses are reported in laboratory reports.
(2) Duplicate sample for BL-1 is identified as BL-17 in laboratory reports.
(3) Dissolved iron analyzed in the field using Hach Field Test Kit.
(4) Duplicate sample for BL-6 is identified as BL-15 in laboratory reports.

µg/L Micrograms per liter
ND( ) Analytes not detected above the particle quantitation limit (in parentheses)
(D) Duplicate sample
– Not sampled

Data Validation Qualifiers (for more information, see Data Validation Report).
U Not detected
R Unusable/rejected based on field duplicate evaluation

BOE-C6-0100921

TABLE 4.12

SUMMARY OF GROUND WATER ANALYTICAL RESULTS
TOTAL METALS, FORMER ILM FACILITY, TORRANCE, CALIFORNIA

SAMPLE ID	SAMPLE DATE	TOTAL METALS[1] (in µg/L)																	
		Arsenic (SM 3114B)	Selenium (SM 3114B)	Aluminum (EPA Method 6010)	Barium (EPA Method 6010)	Cadmium (EPA Method 6010)	Chromium (EPA Method 6010)	Cobalt (EPA Method 6010)	Iron (EPA Method 6010)	Lead (EPA Method 7421)	Molybdenum (EPA Method 6010)	Manganese (EPA Method 6010)	Nickel (EPA Method 6010)	Titanium (EPA Method 6010)	Zinc (EPA Method 6010)	Copper (EPA Method 6010)	Vanadium (EPA Method 6010)	Mercury (EPA Method 7470)	Thallium (EPA Method 7841)
P-1	1/24/95	2.2	ND(2)	6,170	ND(100)	ND(5)	690	ND(10)	8,490	ND(5)	ND(10)	100	ND(50)	450	ND(50)	ND(10)	ND(50)	ND(0.2)	ND(5)
	3/17/95	ND(2)	2.0	3,400	ND(100)	ND(5)	676	ND(10)	4,720	ND(5)	ND(10)	59	ND(50)	257	110	10.0	ND(50)	ND(0.2)	ND(5)
	12/27/95	2.0	ND(2)	310	ND(100)	ND(10)	1,420	ND(10)	384	ND(5)	ND(10)	11	ND(50)	14	ND(50)	ND(10)	ND(50)	ND(0.2)	ND(5)
	12/27/95(D)	2.2	ND(2)	1,980	ND(100)	ND(10)	1,250	ND(10)	2,490	ND(5)	ND(10)	35	ND(50)	361	ND(50)	ND(10)	ND(50)	ND(0.2)	ND(5)
	3/19/96	2.6	ND(2)	2,790	ND(100)	ND(10)	1,180	ND(50)	4,370	ND(5)	ND(50)	64	ND(50)	213	138	ND(10)	ND(10)	ND(0.2)	ND(1)
	6/26/96	6.7	ND(2)	11,400	118	ND(10)	1,060	ND(50)	17,200	13	ND(50)	252	ND(50)	906	162	23	32	ND(0.2)	ND(1)
	6/26/96(D)	4.1	ND(2)	6,240	101	ND(10)	998	ND(50)	9,320	6.8	ND(50)	132	ND(50)	515	250	15	17	ND(0.2)	ND(1)
	9/18/96	3.7	ND(2)	4,400	ND(100)	ND(10)	1,050	ND(50)	6,380	ND(5)	ND(50)	95	ND(50)	339	87	ND(10)	11	0.7	ND(1)
	7/10/97	--	--	1,620	--	--	--	--	--	ND(5)	--	--	--	--	--	--	--	--	ND(1)
	7/10/97(D)	--	--	4,160	--	--	--	--	--	ND(5)	--	--	--	--	--	--	--	--	ND(1)
	3/4/99	4.0	3.9	8,270	164	ND(5)	1,280	ND(10)	10,600	12	ND(10)	--	ND(50)	559	53	ND(10)	21	5.3	ND(5)
	7/15/99	ND(2)	ND(2)	1,520	99	ND(5)	999	ND(10)	2,280	ND(5)	ND(10)	35	ND(50)	110	ND(50)	ND(10)	ND(10)	ND(0.2)	ND(5)
P-2	1/27/95	ND(2)	ND(2)	16,800	180	ND(5)	55	10	23,200	ND(5)	ND(10)	430	ND(50)	1,130	190	17	ND(50)	ND(0.2)	ND(5)
	3/17/95	9.0	2.2	1,620	121	ND(5)	10	ND(10)	3,380	ND(5)	ND(10)	1,920	ND(50)	80	ND(50)	ND(10)	ND(50)	ND(0.2)	ND(5)
	12/27/95	6.8	ND(2)	5,810	179	172	14	ND(10)	7,900	38	14	3,590	ND(50)	153	1,470	143	ND(50)	ND(0.2)	ND(5)
	3/19/96	29	2.6	220,000	2,200	2,150	1,280	142	281,000	4,610	169	4,880	434	13,100	27,400	5,090	500	5.0	ND(1)
	3/19/96(D)	78	2.4	208,000	1,810	1,770	1,030	142	276,000	3,840	141	6,110	434	10,400	23,600	3,860	478	5.3	ND(1)
	6/20/96	6.8	ND(2)	5,220	212	68	25	ND(50)	12,900	245	ND(50)	2,800	ND(50)	211	2,030	75	16	0.42	ND(1)
	6/20/96(D)	8.8	ND(2)	7,170	223	76	34	ND(50)	14,600	153	ND(50)	2,670	ND(50)	293	2,610	94	21	0.64	ND(1)
	9/17/96	5.8	ND(2)	9,060	219	110	42	ND(50)	12,200	18	ND(50)	1,810	ND(50)	566	1,900	200	25	0.28	ND(1)
	7/8/97	--	--	2,360	--	32	--	--	--	103	--	--	--	--	--	--	--	--	--
	3/2/99	3.2	ND(2)	1,440	166	24	11	ND(10)	3,210	38	14	--	ND(50)	73U	388	29	ND(10)	ND(0.2)	ND(5)
	7/13/99	3.8	ND(2)	2,420J	165	30.0	ND(10)	ND(10)	4,620	76	14	1,370	ND(50)	138	562	63	ND(10)	ND(0.2)	ND(5)
P-3	1/24/95	9.2	ND(2)	11,400	160	ND(5)	32	ND(10)	14,400	5.3	ND(10)	130	ND(50)	710	81	14	ND(50)	0.36	ND(5)
	3/17/95	3.0	ND(2)	2,680	116	ND(5)	21	ND(10)	3,270	ND(5)	ND(10)	32	ND(50)	160	176	ND(10)	ND(50)	0.21	ND(5)
	12/20/95	11	ND(2)	3,000	131	ND(10)	17	ND(10)	3,140	ND(5)	ND(10)	75	ND(50)	118	52	ND(10)	ND(50)	3.0	ND(5)
	3/14/96	10	ND(2)	12,700	201	ND(10)	48	ND(50)	18,700	ND(5)	ND(50)	212	ND(50)	834	98	18	36	3.0	ND(5)
	6/19/96	5.8	ND(2)	1,960	141	ND(10)	16	ND(50)	1,930	ND(5)	ND(50)	108	ND(50)	78	ND(50)	ND(10)	ND(10)	2.0	1.1
	9/11/96	3.9	ND(2)	2,650	145	ND(10)	19	ND(50)	3,450	ND(5)	ND(50)	34	ND(50)	93	ND(50)	ND(10)	ND(10)	0.58	ND(1)
	7/8/97	--	--	1,770	--	ND(10)	--	--	--	ND(5)	--	--	--	--	--	--	--	0.31	--
	3/2/99	4.1	ND(2)	2,630	123	ND(5)	16	ND(10)	3,240	ND(5)	ND(10)	--	ND(50)	176	ND(50)	43	ND(10)	0.25	ND(5)
	7/14/99	2.5	ND(2)	501	118	ND(5)	ND(10)	ND(10)	819	ND(5)	ND(10)	17	ND(50)	37	ND(50)	ND(10)	ND(10)	ND(0.2)	ND(5)
P-4	1/26/95	7.4	ND(2)	11,500	160	ND(5)	110	ND(10)	14,900	8.8	ND(10)	160	ND(50)	730	84	16	ND(50)	ND(0.2)	ND(5)
	3/17/95	ND(2)	2.4	530	122	ND(5)	731	ND(10)	777	ND(5)	ND(10)	ND(10)	ND(50)	11	73	ND(10)	ND(50)	ND(0.2)	ND(5)
	12/21/95	10	ND(2)	18,800	207	ND(10)	440	11	24,800	5.4	ND(10)	308	ND(50)	1,360	126	19	65	ND(0.2)	ND(5)
	3/18/96	25	ND(2)	24,000	258	ND(10)	383	ND(50)	34,800	33	ND(50)	520	ND(50)	1,620	179	42	68	0.36	ND(5)
	9/16/96	11	ND(2)	26,800	258	ND(10)	304	ND(50)	32,400	21	ND(50)	510	ND(50)	1,530	134	37	66	0.21	ND(1)
	7/9/97	--	--	317,000	--	--	--	--	--	311	--	--	--	--	--	--	--	1.5	--
	WELL ABANDONED 10/97																		
P-5	1/26/95	38	4.6	67,200	400	ND(5)	110	39	91,400	24	ND(10)	2,260	71	3,680	310	86	210	ND(0.2)	ND(5)
	3/17/95	7.2	ND(2)	7,160	115	ND(5)	14	ND(10)	14,700	ND(5)	ND(10)	724	ND(50)	444	66	12	ND(50)	ND(0.2)	ND(5)
	12/27/95	37	ND(2)	18,000	270	ND(10)	22	10	32,700	9.1	ND(10)	1,560	ND(50)	1,240	87	21	77	ND(0.2)	ND(5)
	3/19/96	46	4.4	22,200	177	ND(10)	41	ND(50)	36,600	36	ND(10)	952	ND(50)	279	136	49	62	0.23	ND(1)
	6/25/96	38	ND(2)	11,500	182	ND(10)	25	ND(50)	27,500	8.6	ND(50)	1,370	ND(50)	687	94	35	36	ND(0.2)	ND(1)
	9/17/96	29	ND(2)	10,800	219	ND(10)	19	ND(50)	27,000	7.3	ND(50)	1,660	ND(50)	618	103	21	32	ND(0.2)	ND(1)
	9/17/96(D)	34	ND(2)	12,800	238	ND(10)	22	ND(50)	28,100	7.9	ND(50)	1,720	ND(50)	697	63	22	34	0.37	ND(1)
P-6	3/16/95	3.4	2.2	3,000	ND(100)	ND(5)	21	ND(10)	4,670	ND(5)	ND(10)	108	ND(50)	243	ND(50)	ND(10)	ND(50)	ND(0.2)	ND(5)
	12/20/95	12	ND(2)	18,900	257	ND(10)	59	17	26,800	ND(5)	ND(10)	494	ND(50)	1,520	110	21	67	ND(0.2)	ND(5)
	3/18/96	8.8	ND(2)	13,000	258	ND(10)	52	ND(50)	20,800	7.8	ND(50)	386	ND(50)	1,120	98	21	40	ND(0.2)	ND(5)
	6/20/96	4.6	2.2	11,200	215	ND(10)	45	ND(50)	17,500	10	ND(50)	423	ND(50)	919	166	21	35	ND(0.2)	1.6
	9/12/96	4.7	2.1	6,630	153	ND(10)	34	ND(50)	9,990	ND(5)	ND(50)	164	ND(50)	566	ND(50)	10	21	ND(0.2)	ND(1)
	7/9/97	--	--	4,850	--	--	--	--	--	ND(5)	--	--	--	--	--	--	--	--	ND(1)
	WELL ABANDONED 10/97																		

TABLE 4.12 P-1

BOE-C6-0100922

TABLE 4.12

SUMMARY OF GROUND WATER ANALYTICAL RESULTS
TOTAL METALS, FORMER ILM FACILITY, TORRANCE, CALIFORNIA
(Continued)

SAMPLE ID	SAMPLE DATE	TOTAL METALS[1] (in µg/L)																	
		Arsenic (SM 3114B)	Selenium (SM 3114B)	Aluminum (EPA Method 6010)	Barium (EPA Method 6010)	Cadmium (EPA Method 6010)	Chromium (EPA Method 6010)	Cobalt (EPA Method 6010)	Iron (EPA Method 6010)	Lead (EPA Method 7421)	Molybdenum (EPA Method 6010)	Manganese (EPA Method 6010)	Nickel (EPA Method 6010)	Titanium (EPA Method 6010)	Zinc (EPA Method 6010)	Copper (EPA Method 6010)	Vanadium (EPA Method 6010)	Mercury (EPA Method 7470)	Thallium (EPA Method 7841)
P-6B	3/3/99	12	ND(2)	38,500	556	ND(5)	66	19	44,600	26	ND(10)	--	50	1,970	156	53	131	ND(0.2)	ND(5)
	7/14/99	8.5	ND(2)	23,200	514	ND(5)	39	13	30,600	17	ND(10)	1,310	ND(50)	1,340	116	24U	78	ND(0.2)	ND(5)
P-7	3/17/95	2.2	ND(2)	5,820	ND(100)	ND(5)	18	ND(10)	8,160	ND(5)	ND(10)	150	ND(50)	364	64	ND(10)	ND(50)	ND(0.2)	ND(5)
	3/17/95(D)	ND(2)	ND(2)	2,590	ND(100)	ND(5)	13	ND(10)	3,700	ND(5)	ND(10)	126	ND(50)	160	57	ND(10)	ND(50)	ND(0.2)	ND(5)
	12/21/95	7.0	ND(2)	10,400	ND(100)	ND(10)	28	ND(10)	14,300	ND(5)	ND(10)	246	ND(50)	656	106	ND(10)	ND(50)	ND(0.2)	ND(5)
	3/18/96	6.4	ND(2)	5,080	ND(100)	ND(10)	16	ND(50)	7,380	6.8	ND(50)	168	ND(50)	326	100	10	20	ND(0.2)	ND(5)
	6/24/96	2.6	ND(2)	2,800	ND(100)	ND(10)	10	ND(50)	4,450	ND(5)	ND(50)	90	ND(50)	197	ND(50)	ND(10)	14	ND(0.2)	ND(1)
	9/16/96	2.4	ND(2)	1,630	ND(100)	ND(10)	7	ND(50)	2,300	ND(5)	ND(50)	77	ND(50)	101	ND(50)	ND(10)	11	ND(0.2)	ND(1)
	7/9/97	--	--	5,920	--	--	--	--	--	ND(5)	--	--	--	--	--	--	--	--	--
	3/4/99	9.0	ND(2)	13,800	166	ND(5)	20	ND(10)	15,300	14	11	--	ND(50)	727	60	31	37	ND(0.2)	ND(5)
	7/15/99	9.2	ND(2)	14,000	184	ND(5)	22	ND(10)	16,500	9.8	ND(10)	452	ND(50)	762	66	27U	38	ND(0.2)	ND(5)
P-8	3/16/95	2.4	3.8	1,700	ND(100)	ND(5)	53	ND(10)	2,670	ND(5)	ND(10)	38	ND(50)	91	ND(50)	ND(10)	ND(50)	ND(0.2)	ND(5)
	WELL ABANDONED 8/96																		
P-9	3/16/95	ND(2)	ND(2)	308	ND(100)	ND(5)	12	ND(10)	482	482	ND(10)	21	ND(50)	ND(10)	57	ND(10)	ND(50)	ND(0.2)	ND(5)
	12/20/95	8.4	ND(2)	3,580	ND(100)	ND(10)	19	ND(10)	3,570	ND(5)	ND(10)	114	ND(50)	136	52	ND(10)	ND(50)	ND(0.2)	ND(5)
	3/18/96	12	ND(2)	15,800	131	ND(10)	58	ND(50)	23,900	8.1	ND(50)	256	ND(50)	1,080	110	16	48	ND(0.2)	ND(5)
	6/26/96	2.6	ND(2)	4,140	ND(100)	ND(10)	24	ND(50)	5,930	ND(5)	ND(50)	57	ND(50)	287	80	11	15	ND(0.2)	ND(1)
	9/12/96	16	ND(2)	20,400	202	ND(10)	56	ND(50)	25,800	29	ND(50)	450	ND(50)	1,250	186	38	59	0.30	1.2
	7/9/97	--	--	3,570	--	--	--	--	--	ND(5)	--	--	--	--	--	--	--	--	ND(1)
	WELL ABANDONED 10/96																		
P-9B	3/3/99	2.3	ND(2)	4,600	100	ND(5)	32	ND(10)	6,530	ND(5)	ND(10)	--	ND(50)	295J	ND(50)	ND(10)	15	ND(0.2)	ND(5)
	7/14/99	ND(2)	ND(2)	1,240	91	ND(5)	ND(10)	ND(10)	1,990	ND(5)	ND(10)	20	ND(50)	80	ND(50)	ND(10)	ND(10)	ND(0.2)	ND(5)
P-10	3/16/95	6.4	2.8	2,600	ND(100)	ND(5)	27	ND(10)	2,390	ND(5)	ND(10)	47	ND(50)	105	ND(50)	ND(10)	ND(50)	ND(0.2)	ND(5)
	12/19/95	9.4	2.8	1,120	ND(100)	ND(10)	26	ND(10)	1,000	ND(5)	ND(10)	153	ND(50)	ND(10)	51	ND(10)	ND(50)	ND(0.2)	ND(5)
	3/14/96	3.6	2.0	3,750	ND(100)	ND(10)	32	ND(50)	4,680	ND(5)	ND(50)	80	ND(50)	192	62	ND(10)	13	ND(0.2)	ND(5)
	6/18/96	5.2	2.0	1,520	ND(100)	ND(10)	27	ND(50)	1,830	ND(5)	ND(50)	64	ND(50)	71	ND(50)	ND(10)	ND(10)	ND(0.2)	ND(1)
	9/11/96	3.8	2.1	2,100	ND(100)	ND(10)	29	ND(50)	2,580	ND(5)	ND(50)	44	ND(50)	77	ND(50)	ND(10)	ND(10)	ND(0.2)	ND(1)
	7/8/97	--	--	1,690	--	--	--	--	--	ND(5)	--	--	--	--	--	--	--	--	--
	3/1/99	ND(2)	2.8	196	76	ND(5)	26	ND(10)	190	ND(5)	ND(10)	--	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	ND(0.2)	ND(5)
	7/13/99	2.4	ND(2)	1,180J	74	ND(5)	26	ND(10)	1,730	ND(5)	ND(10)	29	ND(50)	69	ND(50)	10	ND(10)	ND(0.2)	ND(5)
P-11	12/27/95	6.8	ND(2)	16,200	170	ND(10)	62	ND(10)	18,600	5.9	ND(10)	199	ND(50)	1,090	57	11	85	ND(0.2)	ND(5)
	3/14/96	4.6	ND(2)	2,850	124	ND(10)	21	ND(50)	4,190	ND(5)	ND(50)	51	ND(50)	188	52	ND(10)	12	ND(0.2)	ND(5)
	6/19/96	4.0	2.0	1,690	ND(100)	ND(10)	21	ND(50)	1,490	ND(5)	ND(50)	60	ND(50)	54	ND(50)	ND(10)	ND(10)	ND(0.2)	ND(1)
	9/11/96	4.1	ND(2)	8,550	146	ND(10)	35	ND(50)	10,900	ND(5)	ND(50)	105	ND(50)	535	ND(50)	15	22	ND(0.2)	ND(1)
	7/8/97	--	--	2,180	--	--	--	--	--	ND(5)	--	--	--	--	--	--	--	ND(0.2)	--
	WELL ABANDONED 10/97																		
P-12	12/21/95	17	2.2	47,200	323	ND(10)	109	42	59,600	7.1	ND(10)	626	ND(10)	2,480	230	38	159	0.31	ND(5)
	3/19/96	8.8	3.2	31,000	308	ND(10)	91	57	45,500	16	ND(50)	547	ND(50)	2,740	300	41	95	1.2	ND(1)
	6/26/96	5.9	2.3	14,300	208	ND(10)	54	ND(50)	21,100	10	ND(50)	249	ND(50)	950	78	21	46	1.5	ND(1)
	6/26/96(D)	6.3	2.1	18,800	237	ND(10)	63	ND(50)	26,800	10	ND(50)	312	ND(50)	1,220	98	25	54	1.6	ND(1)
	9/18/96	4.0	ND(2)	4,410	191	ND(10)	29	ND(50)	6,090	ND(5)	ND(50)	92	ND(50)	312	ND(50)	ND(10)	16	0.7	ND(1)
	7/10/97	--	--	852	--	ND(10)	--	--	--	ND(5)	--	--	--	--	--	--	--	0.53	--
	3/3/99	3.2	ND(2)	3,100	190	ND(5)	32	53	5,100	ND(5)	ND(10)	--	ND(50)	19	ND(50)	16	11	0.5	ND(5)
	WELL DAMAGED 7/99																		
P-13	12/21/95	6.8	7.4	1,510	ND(100)	ND(10)	15	ND(10)	1,060	5.2	ND(10)	87	ND(50)	19	ND(50)	ND(10)	ND(50)	ND(0.2)	ND(5)
	3/14/96	3.2	6.6	6,330	ND(100)	ND(10)	29	ND(50)	8,780	5.4	ND(50)	113	ND(50)	381	87	12	22	ND(0.2)	ND(5)
	6/19/96	3.0	7.8	2,140	ND(100)	ND(10)	18	ND(50)	2,890	ND(5)	ND(50)	53	ND(50)	125	ND(50)	ND(10)	ND(10)	ND(0.2)	ND(1)
	9/11/96	3.0	7.2	3,340	ND(100)	ND(10)	20	ND(50)	4,040	ND(5)	ND(50)	53	ND(50)	138	ND(50)	ND(10)	11	0.34	ND(1)
	7/8/97	--	--	6,660	--	--	--	--	--	ND(5)	--	--	--	--	--	--	--	ND(0.2)	--
	WELL ABANDONED 10/97																		

BOE-C6-0100923

TABLE 4.12

SUMMARY OF GROUND WATER ANALYTICAL RESULTS
TOTAL METALS, FORMER ILM FACILITY, TORRANCE, CALIFORNIA
(Continued)

SAMPLE ID	SAMPLE DATE	TOTAL METALS[1] (in µg/L)																	
		Arsenic (SM 3114B)	Selenium (SM 3114B)	Aluminum (EPA Method 6010)	Barium (EPA Method 6010)	Cadmium (EPA Method 6010)	Chromium (EPA Method 6010)	Cobalt (EPA Method 6010)	Iron (EPA Method 6010)	Lead (EPA Method 7421)	Molybdenum (EPA Method 6010)	Manganese (EPA Method 6010)	Nickel (EPA Method 6010)	Titanium (EPA Method 6010)	Zinc (EPA Method 6010)	Copper (EPA Method 6010)	Vanadium (EPA Method 6010)	Mercury (EPA Method 7470)	Thallium (EPA Method 7841)
P-14	12/21/95	33	3.4	5,170	ND(100)	ND(10)	2,400	ND(10)	5,520	5.2	ND(10)	285	ND(50)	216	58	ND(10)	ND(50)	ND(0.2)	ND(5)
	3/19/96	24	4.0	21,000	114	ND(10)	1,800	ND(50)	34,000	17	ND(50)	649	ND(50)	2,250	193	41	74	ND(0.2)	ND(1)
	6/26/96	11	3.4	9,060	ND(100)	ND(10)	1,520	ND(50)	12,900	9.1	ND(50)	245	ND(50)	564	108	19	28	ND(0.2)	ND(1)
	9/17/96	11	2.5	8,600	ND(100)	ND(10)	1,500	ND(50)	12,400	7.5	ND(50)	241	ND(50)	553	54	17	29	ND(0.2)	ND(1)
	7/10/97	--	--	1,700	--	--	--	--	--	ND(5)	--	--	--	--	--	--	--	ND(0.2)	--
	WELL ABANDONED 10/97																		
P-15	12/27/95	5.6	ND(2)	3,820	ND(100)	ND(10)	372	ND(10)	5,290	ND(5)	ND(10)	72	ND(50)	279	ND(50)	ND(10)	ND(50)	ND(0.2)	ND(5)
	3/19/96	5.4	2.0	5,780	ND(100)	ND(10)	223	ND(50)	7,490	ND(5)	ND(50)	109	ND(50)	1,580	175	ND(10)	21	ND(0.2)	ND(1)
	6/26/96	5.9	ND(2)	6,270	ND(100)	ND(10)	88	ND(50)	8,710	10	ND(50)	144	ND(50)	399	ND(50)	19	21	ND(0.2)	ND(1)
	9/18/96	4.9	ND(2)	4,070	ND(100)	ND(10)	73	ND(50)	4,980	10	ND(50)	107	ND(50)	257	66	ND(10)	13	ND(0.2)	ND(1)
	7/10/97	--	--	448	--	--	--	--	--	ND(5)	--	--	--	--	--	--	--	--	--
	WELL ABANDONED 10/97																		
P-16A	12/26/95	12	2.4	17,700	ND(100)	ND(10)	70	ND(10)	24,100	7.1	ND(10)	240	ND(50)	979	89	13	72	ND(0.2)	ND(5)
	3/18/96	7.0	2.4	15,600	ND(100)	ND(10)	70	ND(50)	22,800	8.4	ND(50)	278	ND(50)	820	140	19	49	ND(0.2)	ND(5)
	3/18/96(D)	14	2.0	6,840	ND(100)	ND(10)	45	ND(50)	10,400	10	ND(50)	219	ND(50)	358	133	11	25	ND(0.2)	ND(5)
	6/25/96	7.0	3.0	12,600	ND(100)	ND(10)	90	ND(50)	19,800	6.1	ND(50)	254	ND(50)	659	93	16	ND(10)	ND(0.2)	ND(1)
	9/16/96	7.2	ND(2)	4,740	ND(100)	ND(10)	36	ND(50)	6,530	ND(5)	ND(50)	88	ND(50)	246	ND(50)	ND(10)	17	ND(0.2)	ND(1)
	7/9/97	--	--	1,580	--	--	--	--	--	ND(5)	--	--	--	--	--	--	--	--	ND(1)
	3/4/99	9.3	ND(2)	8,380	156	ND(5)	21	ND(10)	8,350	9.2	ND(10)	--	ND(50)	438	ND(50)	ND(10)	22	ND(0.2)	ND(5)
	7/15/99	9.2	ND(2)	4,530	104	ND(5)	21	ND(10)	5,240	ND(5)	ND(10)	102	ND(50)	247	ND(50)	53U	16	ND(0.2)	ND(5)
P-16B	12/19/95	ND(2)	3.0	87	144	ND(10)	ND(5)	ND(10)	147	ND(5)	11	87	ND(50)	ND(10)	504	ND(10)	ND(50)	ND(0.2)	ND(5)
	12/19/95(D)	2.0	2.8	85	143	ND(10)	ND(5)	ND(10)	165	ND(5)	ND(10)	86	ND(50)	ND(10)	510	ND(10)	ND(50)	ND(0.2)	ND(5)
	3/18/96	ND(2)	3.2	300	170	ND(10)	ND(5)	ND(50)	280	ND(5)	ND(50)	88	ND(50)	14	561	ND(10)	ND(10)	ND(0.2)	ND(5)
	6/24/96	ND(2)	5.8	126	446	ND(10)	ND(5)	ND(50)	233	ND(5)	ND(50)	23	ND(50)	ND(10)	ND(50)	ND(10)	ND(10)	ND(0.2)	ND(1)
	WELL DESTROYED 8/96																		
P-16C	9/12/96	3.2	5.6	381	391	ND(10)	ND(5)	ND(50)	405	ND(5)	ND(50)	332	ND(50)	19	1,370	ND(10)	ND(10)	ND(0.2)	ND(1)
	7/9/97	--	--	256	--	--	--	--	--	ND(5)	--	--	--	--	--	--	--	--	ND(1)
	3/2/99	2.6	4.3	3,680	451	ND(5)	ND(10)	ND(10)	4,000	ND(5)	ND(10)	--	ND(50)	209J	61	ND(10)	ND(10)	ND(0.2)	ND(5)
	7/14/99	2.0	3.5	3,440	502	ND(5)	ND(10)	ND(10)	4,100	ND(5)	ND(10)	89	ND(50)	186	81	ND(10)	ND(10)	ND(0.2)	ND(5)
P-17	12/21/95	21	ND(2)	2,700	ND(100)	ND(10)	881	ND(10)	949	ND(5)	ND(10)	249	ND(50)	ND(10)	78	ND(10)	ND(50)	0.22	ND(5)
	3/19/96	10	2.0	18,300	116	ND(10)	770	ND(50)	28,600	12	ND(50)	388	ND(50)	382	138	24	58	ND(0.2)	ND(1)
	9/18/96	11	ND(2)	19,400	210	ND(10)	1,080	ND(50)	23,400	35	ND(50)	447	ND(50)	1,200	282	102	49	ND(0.2)	21
	7/10/97	--	--	340	--	--	--	--	--	ND(5)	--	--	--	--	--	--	--	--	ND(1)
	3/4/99	2.5	ND(2)	2,580	69	ND(5)	40	ND(10)	3,370	7.4	ND(10)	--	ND(50)	165	ND(50)	21	ND(10)	ND(0.2)	ND(5)
	7/15/99	2.6	ND(2)	2,950	86	ND(5)	34	ND(10)	3,890	7.2	ND(10)	70	ND(50)	185	173	ND(10)	ND(10)	ND(0.2)	ND(5)
P-18	12/26/95	10	3.6	18,400	ND(100)	ND(10)	52	ND(10)	26,700	6.7	ND(10)	256	ND(50)	1,080	74	11	68	ND(0.2)	ND(5)
	3/19/96	12	2.0	10,800	ND(100)	ND(10)	50	ND(50)	17,700	11	ND(50)	209	ND(50)	612	75	16	33	ND(0.2)	ND(1)
	9/12/96	20	3.3	25,400	223	ND(10)	69	ND(50)	34,100	32	ND(50)	567	ND(50)	1,390	164	47	86	ND(0.2)	1.1
	9/12/96(D)	18	3.4	24,700	220	ND(10)	68	ND(50)	33,500	31	ND(50)	557	ND(50)	1,390	165	47	84	ND(0.2)	ND(1)
	7/8/97	--	--	4,550	--	--	--	--	--	7.6	--	--	--	--	--	--	--	--	ND(1)
	WELL ABANDONED 10/97																		
P-19	12/26/95	15	3.8	25,300	111	ND(10)	72	11	36,500	8.9	ND(10)	347	ND(50)	1,540	87	14	91	ND(0.2)	ND(5)
	3/19/96	11	3.0	17,300	ND(100)	ND(10)	66	ND(50)	26,400	9.0	ND(50)	281	ND(50)	1,040	124	18	53	ND(0.2)	1.3
	6/25/96	29	3.0	7,860	ND(100)	ND(10)	35	ND(50)	12,100	ND(5)	ND(50)	147	ND(50)	467	85	10	27	ND(0.2)	ND(1)
	9/17/96	4.9	3.0	5,670	ND(100)	ND(10)	34	ND(50)	8,250	ND(5)	ND(50)	105	ND(50)	328	ND(50)	ND(10)	19	ND(0.2)	ND(1)
	7/9/97	--	--	1,220	--	--	--	--	--	ND(5)	--	--	--	--	--	--	--	--	--
	WELL ABANDONED 10/97																		

TABLE 4.12 P-14

TABLE 4.12 P-14

BOE-C6-0100924

TABLE 4.12

SUMMARY OF GROUND WATER ANALYTICAL RESULTS
TOTAL METALS, FORMER ILM FACILITY, TORRANCE, CALIFORNIA
(Continued)

SAMPLE ID	SAMPLE DATE	TOTAL METALS[1] (in µg/L)																	
		Arsenic (SM 3114B)	Selenium (SM 3114B)	Aluminum (EPA Method 6010)	Barium (EPA Method 6010)	Cadmium (EPA Method 6010)	Chromium (EPA Method 6010)	Cobalt (EPA Method 6010)	Iron (EPA Method 6010)	Lead (EPA Method 7421)	Molybdenum (EPA Method 6010)	Manganese (EPA Method 6010)	Nickel (EPA Method 6010)	Titanium (EPA Method 6010)	Zinc (EPA Method 6010)	Copper (EPA Method 6010)	Vanadium (EPA Method 6010)	Mercury (EPA Method 7470)	Thallium (EPA Method 7841)
P-20	12/27/95	6.2	ND(2)	4,110	ND(100)	ND(10)	42	ND(10)	5,120	ND(5)	ND(10)	104	ND(50)	290	ND(50)	ND(10)	ND(50)	ND(0.2)	ND(5)
	3/18/96	4.6	ND(2)	5,830	ND(100)	ND(10)	36	ND(50)	8,700	6.6	ND(50)	170	ND(50)	416	65	10	22	ND(0.2)	ND(5)
	6/25/96	7.4	ND(2)	5,840	ND(100)	ND(10)	34	ND(50)	8,830	ND(5)	ND(50)	168	250	392	59	ND(10)	21	ND(0.2)	ND(1)
	9/16/96	5.7	ND(2)	3,990	ND(100)	ND(10)	25	ND(50)	5,360	ND(5)	ND(50)	124	ND(50)	262	ND(50)	ND(10)	13	ND(0.2)	ND(1)
	7/10/97	--	--	245	--	--	--	--	--	ND(5)	–	--	--	--	--	--	--	--	--
	3/4/99	4.4	ND(2)	4,060	102	ND(5)	39	19	5,700	5.2	ND(10)	--	ND(50)	290	ND(50)	23	12	ND(0.2)	ND(5)
	3/4/99(D)[1]	4.5	ND(2)	4,690	106	ND(5)	43	22	6,360	6.0	ND(10)	--	ND(50)	329	ND(50)	12	15	ND(0.2)	ND(5)
	7/16/99	ND(2)	ND(2)	1,640	109	ND(5)	26	14	2,350	ND(5)	ND(10)	53	ND(50)	112	ND(50)	ND(10)	ND(10)	ND(0.2)	ND(5)
	7/16/99(D)[3]	ND(2)	ND(2)	1,430	109	ND(5)	26	13	2,140	ND(5)	ND(10)	49	ND(50)	99	ND(50)	ND(10)	ND(10)	ND(0.2)	ND(5)
P-21	12/26/95	8.4	ND(2)	12,500	125	ND(10)	36	ND(10)	16,300	13	ND(10)	188	ND(50)	857	79	ND(10)	60	ND(0.2)	ND(5)
	3/18/96	5.8	ND(2)	2,350	ND(100)	ND(10)	11	ND(50)	3,650	10	ND(50)	166	ND(50)	151	54	ND(10)	12	ND(0.2)	ND(5)
	6/25/96	ND(2)	ND(2)	5,540	ND(100)	ND(10)	24	ND(50)	8,610	ND(5)	ND(50)	393	ND(50)	352	60	11	22	ND(0.2)	ND(1)
	9/17/96	4.2	ND(2)	3,230	ND(100)	ND(10)	14	ND(50)	4,580	ND(5)	ND(50)	120	ND(50)	192	ND(50)	ND(10)	13	ND(0.2)	ND(1)
	7/10/97	--	--	281	--	--	--	--	--	ND(5)	–	--	--	--	--	--	--	--	--
	WELL ABANDONED 10/97																		
P-22	12/20/95	19	6.4	3,120	ND(100)	ND(10)	11	ND(10)	2,520	5.2	ND(10)	228	ND(50)	64	171	ND(10)	ND(50)	ND(0.2)	ND(5)
	3/18/96	5.0	5.2	7,810	ND(100)	ND(10)	23	ND(50)	7,970	10	ND(50)	460	ND(50)	349	103	ND(10)	24	ND(0.2)	ND(5)
	6/20/96	6.2	7.4	3,950	ND(100)	ND(10)	17	ND(50)	4,250	10	ND(50)	241	ND(50)	163	84	ND(10)	14	ND(0.2)	ND(1)
	9/12/96	6.0	6.3	5,370	ND(100)	ND(10)	21	ND(50)	5,440	ND(5)	ND(50)	184	ND(50)	236	ND(50)	ND(10)	14	ND(0.2)	ND(1)
	7/9/97	--	--	260	--	--	--	--	--	ND(5)	–	--	--	--	--	--	--	--	--
	3/3/99	4.2	2.3	2,200	184	ND(5)	25	ND(10)	2,420	ND(5)	ND(10)	--	ND(50)	139J	ND(50)	ND(10)	12	ND(0.2)	ND(5)
	7/15/99	4.0	2.1	473	187	ND(5)	16	ND(10)	690	ND(5)	ND(10)	27	ND(50)	22J	ND(50)	ND(10)	ND(10)	ND(0.2)	ND(5)
P-23	12/20/95	4.4	ND(2)	824	ND(100)	ND(10)	13	ND(10)	1,090	ND(5)	ND(10)	32	ND(50)	44	70	ND(10)	ND(50)	ND(0.2)	ND(5)
	3/14/96	2.8	ND(2)	1,080	ND(100)	ND(10)	16	ND(50)	1,250	ND(5)	ND(50)	29	ND(50)	55	54	ND(10)	ND(10)	ND(0.2)	ND(5)
	6/20/96	3.4	ND(2)	1,220	ND(100)	ND(10)	16	ND(50)	1,820	ND(5)	ND(50)	39	ND(50)	82	ND(50)	ND(10)	ND(10)	ND(0.2)	ND(1)
	9/11/96	3.9	ND(2)	856	ND(100)	ND(10)	14	ND(50)	1,140	ND(5)	ND(50)	16	ND(50)	50	ND(50)	ND(10)	ND(10)	ND(0.2)	ND(1)
	7/8/97	--	--	583	--	ND(10)	--	--	--	ND(5)	–	--	--	--	--	--	--	ND(0.2)	--
	WELL ABANDONED 10/97																		
P-24	12/20/95	9.6	ND(2)	9,720	ND(100)	ND(10)	38	11	14,400	ND(5)	ND(10)	995	ND(50)	621	106	ND(10)	ND(50)	ND(0.2)	ND(5)
	3/19/96	14	ND(2)	20,200	130	ND(10)	65	ND(50)	31,800	14	ND(50)	1,480	ND(50)	1,370	180	28	63	ND(0.2)	ND(1)
	6/24/96	5.6	ND(2)	6,610	ND(100)	ND(10)	18	ND(50)	10,700	ND(5)	ND(50)	771	ND(50)	416	ND(50)	ND(10)	21	ND(0.2)	ND(1)
	9/17/96	7.4	ND(2)	14,200	131	ND(10)	29	ND(50)	19,000	8.3	ND(50)	1,020	ND(50)	914	86	16	41	8.4	ND(1)
	9/17/96(D)	6.2	ND(2)	9,010	100	ND(10)	25	ND(50)	12,000	6.1	ND(50)	890	ND(50)	576	61	13	25	5.8	ND(1)
	7/9/97	--	--	898,000	--	109	--	--	--	143	–	--	--	--	--	--	--	20	--
	3/3/99	4.9	ND(2)	5,250	144	ND(5)	13	ND(10)	5,760	ND(5)	ND(10)	--	ND(50)	274J	ND(50)	ND(10)	15	ND(0.2)	ND(5)
	7/15/99	5.9	ND(2)	4,150	147	ND(5)	12	ND(10)	5,180	ND(5)	ND(10)	181	ND(50)	197	ND(50)	23U	14	ND(0.2)	ND(5)
P-25	12/26/95	13	ND(2)	22,400	119	ND(10)	490	12	30,600	12	ND(10)	360	ND(50)	1,680	98	17	78	ND(0.2)	ND(5)
	3/19/96	11	ND(2)	15,600	ND(100)	ND(10)	308	ND(50)	24,800	7.1	ND(50)	322	ND(50)	1,180	117	20	46	ND(0.2)	ND(1)
	6/26/96	8.6	ND(2)	12,100	ND(100)	ND(10)	453	ND(50)	18,300	10	ND(50)	230	ND(50)	810	119	27	32	ND(0.2)	ND(1)
	9/18/96	5.1	ND(2)	5,030	ND(100	ND(10)	488	ND(50)	7,530	ND(5)	ND(50)	101	ND(50)	373	ND(50)	ND(10)	15	ND(0.2)	ND(1)
	7/10/97	--	--	937	--	--	--	--	--	ND(5)	–	--	--	--	--	--	--	--	ND(1)
	7/10/97(D)	--	--	2,940	--	--	--	--	--	ND(5)	–	--	--	--	--	--	--	--	ND(1)
	WELL ABANDONED 10/97																		

99-200/Rpts/DrGrWaFcFa (11/19/99/dh)

TABLE 4.12 P-20

(1) Only detected analytes are reported in table; results of all analyses are reported in laboratory reports.
(2) Duplicate sample for P-20 is identified as P-29 in laboratory reports.
(3) Duplicate sample for P-20 is identified as P-30 in laboratory reports.

µg/L Micrograms per liter
ND( ) Analytes not detected above the particle quantitation limit (in parentheses)
(D) Duplicate sample
– Not sampled

Data Validation Qualifiers (for more information, see Data Validation Report, Appendix G).
U Not detected
J Estimated, detected

TABLE 4.12 P-20

BOE-C6-0100925

TABLE 4.13

SUMMARY OF GROUND WATER ANALYTICAL RESULTS
TOTAL METALS, BRC PROPERTY, TORRANCE, CALIFORNIA

SAMPLE ID	SAMPLE DATE	TOTAL METALS[1] (in µg/L)																
		Arsenic (SM 3114B)	Selenium (SM 3114B)	Aluminum (EPA Method 6010)	Barium (EPA Method 6010)	Cadmium (EPA Method 6010)	Chromium (EPA Method 6010)	Cobalt (EPA Method 6010)	Iron (EPA Method 6010)	Lead (EPA Method 7421)	Molybdenum (EPA Method 6010)	Nickel (EPA Method 6010)	Titanium (EPA Method 6010)	Zinc (EPA Method 6010)	Copper (EPA Method 6010)	Vanadium (EPA Method 6010)	Mercury (EPA Method 7470)	Thallium (EPA Method 7841)
BL-1	3/4/99	110J	2.4	97,800J	367J	ND(5)	195J	73J	154,000J	55J	12	123	4,920J	394J	110J	317J	0.29	ND(5)
	3/4/99[2]	166J	3.5	131,000J	508J	ND(5)	280J	111J	229,000J	87J	17	182	7,510	654J	146J	459J	0.46	ND(5)
	7/13/99	157	ND(2)	122,000J	589	ND(5)	258	109	217,000	74	15	180	7,000	568	182	428	0.71	ND(5)
BL-2	3/3/99	59	ND(2)	41,500	200	ND(5)	119	24	63,400	13	ND(10)	51	2,870	146	39	126	ND(0.2)	ND(5)
	7/14/99	146	ND(2)	90,300J	448	ND(5)	280	58	155,000	38	ND(10)	130	6,150	371	53	286	ND(0.2)	ND(5)
BL-3	3/3/99	20	ND(2)	24,400	328	ND(5)	92	10	37,400	8.9	ND(10)	ND(50)	1,360	86	ND(10)	75	ND(0.2)	ND(5)
	7/15/99	60	ND(2)	62,900	722	ND(5)	243	32	100,000	27	ND(10)	83	3,410	232	ND(10)	189	0.22U	ND(5)
BL-4	3/2/99	12	ND(2)	36,600	168	ND(5)	114	17	49,300	15	ND(10)	54	2,240	119	33	118	ND(0.2)	ND(5)
	7/14/99	13	ND(2)	38,600J	191	ND(5)	117	20	54,000	17	ND(10)	52	2,360	131	36	125	ND(0.2)	ND(5)
BL-5	3/4/99	12	3.4	18,000	110	ND(5)	84	ND(10)	28,900	10	ND(10)	ND(50)	946	122	30	55	ND(0.2)	ND(5)
	7/13/99	17	ND(2)	28,000J	220	ND(5)	122	12	47,200	15	ND(10)	ND(50)	1,440	128	20	88	ND(0.2)	ND(5)
BL-6	3/1/99	109	2.2	89,300	453	ND(5)	450	39	120,000	20	14	108	4,140	279	ND(10)	202	0.27	ND(5)
	7/16/99	275	ND(2)	284,000	1,720	7.9	1,160	158	431,000	111	28	375	10,800	1,070	ND(10)	729	ND(0.2)	ND(5)
	7/16/99[3]	338	2.1	244,000	1,530	5.3	1,040	137	375,000	100	24	324	9,150	939	ND(10)	639	0.74	ND(5)
BL-7	3/2/99	86	ND(2)	62,300	203	ND(5)	255	31	106,000	23	11	99	3,740	256	29	188	ND(0.2)	ND(5)
	7/14/99	99	ND(2)	66,100J	258	ND(5)	285	36	116,000	32	11	109	3,830	262	64	210	ND(0.2)	ND(5)
BL-8	3/2/99	25	ND(2)	22,100	188	ND(5)	95	ND(10)	32,900	8	ND(10)	ND(50)	1,420	74	ND(10)	62	ND(0.2)	ND(5)
	7/13/99	106	ND(2)	86,500J	663	ND(5)	330	42	142,000	36	ND(10)	118	5,190	315	70	250	0.22	ND(5)

TABLE 4.13

99-200/Rpts/DrGrWaRcFa (11/19/99/dh)

TABLE 4.13

(1) Only detected analytes are reported in table; results of all analyses are reported in laboratory reports.
(2) Duplicate sample for BL-1 is identified as B-17 in laboratory reports.
(3) Duplicate sample for BL-6 is identified as B-15 in laboratory reports.

µg/L Micrograms per liter
ND( ) Analytes not detected above the particle quantitation limit (in parentheses)
– Not sampled

Data Validation Qualifiers (for more information, see Data Validation Report, Appendix G).
U Not detected
J Estimated, detected

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TABLE 4.14

SUMMARY OF NATURAL ATTENUATION PARAMETERS ANALYTICAL RESULTS
JULY 1999 GROUND WATER MONITORING
FORMER ILM FACILITY, TORRANCE, CALIFORNIA

METHOD	PARAMETER	UNITS	SAMPLE LOCATION													
			P-1	P-2	P-3	P-6B	P-7	P-9B	P-10	P-16A	P-16C	P-17	P-20	P-20(D)	P-22	P-24
Ground Water Quality Parameters																
EPA 310.1	Alkalinity	mg/L	447	511	654	376	253	380	356	240	213	280	358	353	314	414
EPA 350.1	Ammonia Nitrogen	mg/L	ND(0.02)	0.46	ND(0.02)	0.11	0.22	ND(0.02)	ND(0.02)	ND(0.02)	ND(0.02)	ND(0.02)	0.05	0.02	ND(0.02)	0.07
Field	Specific Conductivity	µmhos/cm	1,570	4,010	2,260	1,750	1,393	2,493	1,883	2,433	3,310	1,887	2,430	2,430	2,396	1,503
EPA 415.1	D.O.C.	mg/L	8.1	6.7	7.0	2.9	7.2	6.9	5.3	2.0	6.0	5.0	8.1J	4.4J	4.9	6.1
EPA 365.1	ortho-Phosphate	mg/L	0.12	ND(0.05)	0.09	0.15	1.9	0.08	0.95	4.7	0.11	0.10	0.17	0.17	2.2	2.3
Field	Redox Potential	mV	348.73	-10.27	299.97	190.53	118.93	290.27	247.13	230.73	267.3	289.67	299.03	299.03	277.3	259.60
Field	pH	pH Units	7.39	7.13	7.28	7.62	7.47	7.25	7.51	7.29	7.30	7.37	7.26	7.26	7.09	7.57
Field	Temperature	°C	24.2	23.5	23.3	23.6	24.5	23.0	24.1	23.5	22.9	23.4	23.4	23.4	23.7	22.8
Terminal Electron Acceptor Parameters																
AM19GAX	D.O.	mg/L	5.62	0.78	2.44	2.5	0.82	5.63	7.24	6.44	3.29	6.89	5.36	4.98	4.74	2.7
Field	D.O.	%	69.5	3.0	18.5	19.7	9.8	61.3	82.0	61.9	31.9	80.8	53.5	53.5	52.1	17.1
EPA 353.2	Nitrite/Nitrate	mg/L	14	5.5	12	10	7.5	13	11	9.6	70	7.0	15	15	5.1	1.9
EPA 6010	Iron (total)	µg/L	2,280	4,620	819	30,600	16,500	1,990	1,730	5,240	4,100	3,890	2,350	2,140	690	5,180
Field	Iron (dissolved)	µg/L	0	1.0	0	0	0	0	0	0	0	0	0	0	0	0
EPA 6010	Manganese (total)	µg/L	35	1,370	17	1,310	452	20	29	102	89	70	53	49	27	181
EPA 6010	Manganese (dissolved)	µg/L	ND(10)	1,440	ND(10)	806	268	ND(10)	13	ND(10)	ND(10)	12	ND(10)	ND(10)	ND(10)	114
EPA 300	Sulfate	mg/L	313	427	297	130	77	389	166	97	88	28	95	105	11	64
Field	Hydrogen Sulfide	mg/L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM19GAX	Carbon Dioxide	mg/L	44.45	64.55	85.86	25.68	20.69	71.23	29.90	28.12	19.68	24.92	51.57	51.72	67.36	27.84
AM19GAX	Methane	µg/L	0.603	0.12	0.76	4.377	0.086	1.167	0.621	0.536	2.355	0.266	3.302	3.293	0.487	82.54
Degradation Products																
EPA 300	Chloride	mg/L	200	896	409	436	361	374	367	626	980	394	667	675	881	387
AM19GAX	Ethane	ng/L	60	417	ND(5)	26	ND(5)	ND(5)	ND(5)	18	ND(5)	30	25	23	52	110
AM19GAX	Ethene	ng/L	16	76	ND(5)	82	ND(5)	17	11	ND(5)	51	ND(5)	10	15	ND(5)	104
Technical Quality Control Data																
AM19GAX	Nitrogen	mg/L	13.74	15.09	16.16	19.58	16.46	15.54	14.93	16.79	20.65	13.85	16.71	15.60	16.48	16.65
AM19GAX	Propane/Propene	ng/L	142	502	ND(10)	50	48	ND(10)	ND(10)	130	ND(10)	184	149	147	153	256

TABLE 4.14

99-200/Rpts/DrGrWaRcFa (11/19/99/dh)

TABLE 4.14

(D) = Field Duplicate
mg/L = Milligrams per liter
µg/L = Micrograms per liter
ng/L = Nanograms per liter
ND( ) = Not detected above method detection limit. Number in parentheses is the detection or practical quantitation limit.
D.O.C. = Dissolved Organic Carbon
D.O. = Dissolved Oxygen
mV = milliVolts
°C = Degrees Centigrade
% = percent saturation

Specific conductivity, pH, redox potential, temperature and D.O. (Field) result is an average of the last three measurements collected in the field.

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TABLE 4.15

SUMMARY OF NATURAL ATTENUATION PARAMETERS ANALYTICAL RESULTS
JULY 1999 GROUND WATER MONITORING
BRC PROPERTY TORRANCE, CALIFORNIA

METHOD	PARAMETER	UNITS	SAMPLE LOCATION								
			BL-1	BL-2	BL-3	BL-4	BL-5	BL-6	BL-6(D)	BL-7	BL-8
Ground Water Quality Parameters											
EPA 310.1	Alkalinity	mg/L	544	340	323	257	445	369	373	350	242
EPA 350.1	Ammonia Nitrogen	mg/L	0.04	ND(0.02)	ND(0.02)	ND(0.02)	0.02	ND(0.02)	ND(0.02)	ND(0.02)	0.02
Field	Specific Conductivity	µmhos/cm	1,797	1,017	4,060	596	1,900	1,530	1,530	950	2,450
EPA 415.1	D.O.C.	mg/L	15	5.2	5.0	4.0	8.5	4.6	1.4	7.5	4.3
EPA 365.1	ortho-Phosphate	mg/L	0.07	0.16	0.13	0.21	0.11	0.17	0.17	0.16	0.11
Field	Redox Potential	mV	192.6	267.73	253.57	275.80	127.17	255.87	255.87	272.90	247.0
Field	pH	pH Units	6.92	7.40	7.04	7.66	7.06	7.36	7.36	7.48	7.44
Field	Temperature	°C	23.9	22.7	23.4	23.0	23.9	22.2	22.2	22.9	23.8
Terminal Electron Acceptor Parameters											
AM19GAX	D.O.	mg/L	0.52	6.13	5.52	6.38	2.97	6.28	7.35	7.47	7.36
Field	D.O.	%	6.8	68.4	58.6	71.0	24.7	75.2	75.2	89.8	86.8
EPA 353.2	Nitrite/Nitrate	mg/L	28	8.2	11.0	3.3	3.7	7.7	7.7	3.8	6.1
EPA 6010	Iron (total)	µg/L	217,000	155,000	100,000	54,000	47,200	431,000	375,000	116,000	142,000
Field	Iron (dissolved)	µg/L	0	0	0	0	0	0	0	0	0
EPA 6010	Manganese (total)	µg/L	3,320	2,680	1,090	945	642	7,490	6,520	1,080	1,280
EPA 6010	Manganese (dissolved)	µg/L	16	ND(10)	13	ND(10)	38	ND(10)	ND(10)	ND(10)	ND(10)
EPA 300	Sulfate	mg/L	151	59	65	94	7.7	72	78	59	29
Field	Hydrogen Sulfide	mg/L	0	0	0	0	0	0	0	0	0
AM19GAX	Carbon Dioxide	mg/L	150.61	36.81	66.26	15.35	98.63	44.34	44.98	25.94	21.28
AM19GAX	Methane	µg/L	3.96	0.614	0.566	1.038	9.815	0.463	0.461	1.154	2.683
Degradation Products											
EPA 300	Chloride	mg/L	251	95	1,140	44	485	331	332	103	770
AM19GAX	Ethane	ng/L	ND(5)	ND(5)	14	ND(5)	16	11	11	ND(5)	ND(5)
AM19GAX	Ethene	ng/L	70	29	29	18	76	37	36	11	22
Technical Quality Control Data											
AM19GAX	Nitrogen	mg/L	13.26	15.91	16.19	16.38	17.30	16.97	19.57	15.33	15.43
AM19GAX	Propane/Propene	ng/L	102	ND(10)	51	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)

TABLE 4.15

99-2000/Rpts/DrGrWaRcFa (12/28/99/rm)

TABLE 4.15

(D) = Field Duplicate
mg/L = Milligrams per liter
µg/L = Micrograms per liter
ng/L = Nanograms per liter
ND( ) = Not detected above method detection limit. Number in parentheses is the detection or practical quantitation limit.
D.O.C. = Dissolved Organic Carbon
D.O. = Dissolved Oxygen
mV = milliVolts
° C = Degrees Centigrade
% = Percent saturation

Specific conductivity, pH, redox potential, temperature and D.O. (Field) result is an average of the last three measurements collected in the field.

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TABLE 5.1

METAL CONCENTRATIONS IN GROUND WATER
FORMER ILM FACILITY
TORRANCE, CALIFORNIA

METAL	RANGE OF SITE DISSOLVED METAL CONCENTRATIONS IN GROUND WATER	SITE MEAN METAL CONCENTRATIONS IN GROUND WATER (Detects Only)	TYPICAL RANGE OF NATURAL CONCENTRATIONS OF METALS IN GROUND WATER(1)
Arsenic	<2.0 to 33	4.8	<1.0 to 30
Barium	<100 to 492	178.39	10 to 500
Chromium	<5.0 to 2,820	275.94	<1.0 to 5.0
Chromium (hexavalent)	<2.0 to 2,600	230.47	Not Listed
Manganese	<10 to 3,690	536.46	<1.0 to 1,000
Selenium	<2.0 to 8.6	3.24	<1.0 to 10
Vanadium	<10 to 11	10.50	<1.0 to 10
Zinc	<10 to 1,500	106.80	<10 to 2,000

99-200/Rpts/GrWaRcFaInRe (12/28/99/jb)

Note: All values in μg/L or ppb.

(1) Dragun, 1988.

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TABLE 5.2

LABORATORY-DERIVED REACTION PATHWAY, REACTION HALF-LIFE AND REACTION PRODUCTS

CHLORINATED HYDROCARBON		PATHWAY	REACTION HALF-LIFE	REACTION/ DEGRADATION PRODUCTS
Ethenes	PCE	Microbial Degradation (A/M/m) (A/M)	<2 days	TCE c-1,2-DCE t-1,2-DCE Vinyl chloride
		Hydrolysis	0.73 yr.	Alcohols Acids
	TCE	Microbial Degradation (A/M/m) (A/M) (A/S)	0.3 yr. at high concentration; minimal at lower concentration	c-1,2-DCE t-1,2-DCE Vinyl chloride
		Hydrolysis	0.9 yr.	Alcohols Acids
	DCEs (cis and trans)	Microbial Degradation (A/M/m) (A/S) (A/M)	8 to 10 weeks with methanogenic aquifer material (cis) 0.5 year under anoxic conditions (trans)	Vinyl Chloride Chloroethane
	Vinyl Chloride	Hydrolysis	<10 yr./slow	Alcohols Acids
		Microbial Degradation (A/M/m) (O/P/mb)	Resistant to biodegradation in aerobic systems. 5 to 6 weeks in sand by methanogenic microorganisms under anaerobic conditions.	CO_2
Ethanes	1,1,2,2-Tetrachloroethane	Microbial Degradation (A/M/m) (A/M)	4 weeks to 6 months, aerobic 1 to 4 weeks, anaerobic	1,1,2-TCA
		Dehydrohalogenation	--	TCE
	1,1,1-TCA	Hydrolysis	0.5 to 2.5 yrs	1,1-DCA Acetic Acid
		Dehydrohalogenation	--	1,1-DCE
		Microbial Degradation (A/S) (A/M/m) (A/M)	< 2 days to 2.5 yrs 20 to 39 weeks, aerobic 80 to 156 weeks, anaerobic	1,1-DCA 1,1-DCE c-1,2,-DCE t-1,2-DCE Chloroethane Vinyl Chloride

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TABLE 5.2

LABORATORY-DERIVED REACTION PATHWAY, REACTION HALF-LIFE AND REACTION PRODUCTS (Continued)

CHLORINATED HYDROCARBON		PATHWAY	REACTION HALF-LIFE	REACTION/ DEGRADATION PRODUCTS
Ethanes (Cont'd)	1,1,2-TCA	Dehydrohalogenation	170 yrs	1,1-DCE
	1,1-DCA	Microbial Degradation (A/M/m)	5 to 22 weeks, aerobic 18 to 88 weeks, anaerobic	Vinyl Chloride Chloroethane
	1,2-DCA	Microbial Degradation (O/P/p) (O/P/x) (A/M/m)	Acclimated anaerobic system reports no degradation. Activated sludge system reports 99% removal due to stripping, 1% due to sorption and 0% due to biodegradation in 6 days.	CO_2 Alcohols
	Chloroethane	Hydrolysis	5 - 6 weeks	Ethanol

99-200/Rpts/DrGrWaRcFa (12/28/99/rm)

Sources: Smith & Dragun, 1984
Vogel, Criddle & McCarthy, 1987
Howard, 1991
Howard, Boethling, Jarvis, Meylan and Michalenko, 1991

Notes:
A - Anaerobic
M - Mixed Culture
m - Methanogenic Culture
S - Soil/Aquifer Biological Seed
P - Pure Culture
mb - Mycobacterium
O - Aerobic
X - Xanthobacter
-- - No Data Available

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TABLE 5.3

WELL COMPARISON OF CHLORINATED HYDROCARBON AND NATURAL ATTENUATION PARAMETERS

METHOD	PARAMETER	UNITS	IMPACTED WELLS			BACKGROUND WELLS(1)			
			P-1	BL-6	P-20	P-2	BL-5	P-10	BL-8
Chlorinated Hydrocarbon Parameters									
EPA 8260	TCE	µg/L	10,000	5,600	5,400	ND (0.5)	2.7	3.2	18
	PCE	µg/L	78	ND (50)	ND (50)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
	1,1-DCE	µg/L	ND (50)	ND (50)	ND (50)	ND (0.5)	0.79	ND (0.5)	ND (0.5)
	t-1,2-DCE	µg/L	ND (50)	ND (50)	ND (50)	ND (0.5)	0.55	ND (0.5)	ND (0.5)
	c-1,2-DCE	µg/L	ND (50)	ND (50)	ND (50)	ND (0.5)	110	ND (0.5)	ND (0.5)
	Vinyl Chloride	µg/L	ND (50)	ND (50)	ND (50)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
	1,1,1-TCA	µg/L	ND (50)	ND (50)	ND (50)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
	1,1,2-TCA	µg/L	ND (50)	ND (50)	ND (50)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
	1,1-DCA	µg/L	ND (50)	ND (50)	ND (50)	ND (0.5)	0.56	ND (0.5)	ND (0.5)
	1,2-DCA	µg/L	ND (50)	ND (50)	ND (50)	ND (0.5)	ND (50)	ND (0.5)	ND (0.5)
Ground Water Quality Parameters									
EPA 310.1	Alkalinity	mg/L	447	369	358	511	445	356	242
EPA 350.1	Ammonia Nitrogen	mg/L	ND (0.02)	ND (0.02)	0.05	0.46	0.02	ND (0.02)	0.02
Field	Specific Conductivity(2)	µmhos/cm	1,570	1,530	2,430	4,010	1,900	1,883	2,450
EPA 415.1	D.O.C.	mg/L	8.1	4.6	8.1	6.7	8.5	5.3	4.3
EPA 365.1	ortho-Phosphate	mg/L	0.12	0.17	0.17	ND (0.05)	0.11	0.95	0.11
Field	Redox Potential(2)	mV	348.73	255.87	299.03	-10.27	127.17	247.13	247.0
Field	pH(2)	pH Units	7.39	7.36	7.26	7.13	7.06	7.51	7.44
Field	Temperature(2)	° C	24.2	22.2	23.4	23.5	23.9	24.1	23.8
Terminal Electron Acceptor Parameters									
AM19GAX	D.O.	mg/L	5.62	6.28	5.36	0.78	2.97	7.24	7.36
Field	D.O.(2)	% Saturation	69.5	75.2	53.5	3.0	24.7	82.0	68.6
EPA 353.2	Nitrite/Nitrate	mg/L	14	7.7	15	5.5	3.7	11	6.1
EPA 6010	Iron (total)	µg/L	2,280	431,000	2,350	4,620	47,200	1,730	142,000
Field	Iron (dissolved)	µg/L	0	0	0	1.0	0	0	0

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TABLE 5.3

WELL COMPARISON OF CHLORINATED HYDROCARBON AND NATURAL ATTENUATION PARAMETERS
(Continued)

METHOD	PARAMETER	UNITS	IMPACTED WELLS			BACKGROUND WELLS(1)			
			P-1	BL-6	P-20	P-2	BL-5	P-10	BL-8
Terminal Electron Acceptor Parameters (Cont'd)									
EPA 6010	Manganese (total)	µg/L	35	7,490	53	1,370	642	29	1,280
EPA 6010	Manganese (dissolved)	µg/L	ND (10)	ND (10)	ND (10)	1,440	38	13	ND (10)
EPA 300.0	Sulfate	mg/L	313	72	95	427	7.7	166	29
Field	Hydrogen Sulfide	mg/L	0	0	0	0	0	0	0
AM19GAX	Carbon Dioxide	mg/L	44.45	44.34	51.57	64.55	98.63	29.90	21.28
AM19GAX	Methane	µg/L	0.603	0.463	3.302	0.12	9.815	0.621	2.683
Degradation Products									
EPA 300.0	Chloride	mg/L	200	331	667	896	485	367	770
AM19GAX	Ethane	ng/L	60	11	25	417	16	ND (5.0)	ND (5.0)
AM19GAX	Ethene	ng/L	16	37	10	76	76	11	22
Technical Quality Control Data									
AM19GAX	Nitrogen	mg/L	13.74	16.97	16.71	15.09	17.30	14.93	15.43
AM19GAX	Propane/Propene	ng/L	142	ND (10)	149	502	ND (10)	ND (10)	ND (10)

99-2000/Rpts/DrGrWaRcFa (12/28/99/rm)

(1) Wells upgradient, sidegradient and downgradient at nondetect or at low historical levels of chlorinated hydrocarbons for the site.
(2) Specific conductivity, pH, redox potential, temperature and D.O. (field) results are averages of the last three measurements collected in the field, if more than three measurements were collected during the sampling/measurement event.

µg/L = Micrograms per liter
mg/L = Milligrams per liter
ng/L = Nanograms per liter
ND = Not detected above method detection limit. Number in parentheses is the detection or practical quantitation limit.
D.O.C. = Dissolved Organic Carbon
D.O. = Dissolved Oxygen
mV = milliVolts

PCE = Tetrachloroethene
DCE = Dichloroethene
TCA = Trichloroethane
DCA = Dichloroethane
TCE = Trichloroethene
° C = degrees Centigrade
% = percent saturation

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TABLE 5.4

SCREENING ANALYSIS SCORING SUMMARY POTENTIAL FOR NATURAL ATTENUATION BY ANAEROBIC BIODEGRADATION[1]

PARAMETER	CONCENTRATION IN MOST CONTAMINATED ZONE	POINTS AWARDED[1]
Dissolved Oxygen	4 to 6 mg/L	-3
Nitrate	8 to 15 mg/L	0
Iron (II) (Dissolved Iron)	Not Detected (ND)	0
Sulfate	70 to 300 µg/L	0
Sulfide	ND	0
Methane	0.5 to 3.0 µg/L	0
Redox Potential	+250 to +350 mV	0
pH	7.3 to 7.4	0
TOC (Dissolved Organic Carbon)	5 to 8 mg/L	0
Temperature (° Centigrade)	22 to 24 °C	1
Carbon Dioxide	Background	0
Alkalinity	Background	0
Chloride	Background	0
TCE (released)	5,400 to 10,000 µg/L	0
cis-DCE (none released - assumed)	ND (<50 µg/L)	0
Vinyl Chloride (none released - assumed)	ND (<50 µg/L)	0
Ethene/Ethane	0.01 to 0.06 µg/L	0
Total Points Awarded		**-2 Points**

99-200/Rpts/GrWaRcFa (12/28/99/rm)

(1) U.S. EPA *Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Ground Water*, September 1998.

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