Previous

N00236.002277
ALAMEDA POINT
SSIC NO. 5090.3

TABLES

FINAL WORK PLAN
FOR REMEDIAL INVESTIGATION IR SITE 35
AREAS OF CONCERN
IN TRANSFER PARCEL EDC-5

DATED 13 MARCH 2006

Table A1-1
Screening Criteria for TPH in Soil

TPH Constituent	Screening Criteria* (mg/kg)
TPH as gasoline	1,030
TPH as diesel	1,380
TPH as motor oil	1,900

Note:
* concentrations of TPH in soil were compared to Alameda Point-specific residential preliminary remediation criteria (DON 2001b); however, as requested by the regulatory agencies, the remedial investigation will compare TPH concentrations to RWQCB ESLs (Cal/EPA 2005)

Acronyms/Abbreviations:
ESL – environmental screening level
mg/kg – milligrams per kilogram
RWQCB – (California) Regional Water Quality Control Board
TPH – total petroleum hydrocarbons

Table A1-2
Background Threshold Levels of Metals in Soil in the Central Portion of Alameda Point

Analyte	80th LCL / 95th Percentile* (mg/kg)
aluminum	12,930
antimony	5.7
arsenic	8.7
barium	103
beryllium	1.2
cadmium	1.33
calcium	12,513
chromium	50
cobalt	19.3
copper	24.3
iron	20,394
lead	32.6
magnesium	5,969
manganese	363.1
mercury	0.34
nickel	49.7
potassium	1,523
silver	1.73
sodium	1,251
vanadium	44.6
zinc	61.5

Reference:
* TtEMI 2001c

Acronyms/Abbreviations:
LCL – lower confidence limit
mg/kg – milligrams per kilogram

Table A1-3
Volatile Organic Compounds in Soil and Groundwater Exceeding Screening Criteria

AOC	Station ID[a]	Depth (feet bgs)	Analyte	VOC Concentration	Units	Screening Criteria	
Soil						**PRG[b]**	**Units**
23	071M-004M	7.5 to 8.5	benzene	27,000	µg/kg	640[c]	µg/kg
Groundwater						**MCL[d]**	**Units**
23	S21-DGS-DP20	7 to 9	vinyl chloride	2.7	µg/L	0.5	µg/L

Notes:
[a] sample ID used for EBS samples
[b] U.S. EPA 2004
[c] residential soil PRG
[d] MCL – the lower of either federal or California

Acronyms/Abbreviations:
AOC – area of concern
bgs – below ground surface
EBS – environmental baseline survey
µg/kg – micrograms per kilogram
µg/L – micrograms per liter
MCL – maximum contaminant level
PRG – preliminary remediation goal
VOC – volatile organic compound

Table A1-4
Petroleum Hydrocarbons in Soil Exceeding Screening Criteria

AOC/SWMU	Station ID[a]	Depth (feet bgs)	TPH Range	Petroleum Hydrocarbon Concentration (mg/kg)	Residential Soil Screening Criteria (mg/kg)[b]
17	185I-002	9 to 9.5	diesel	2,540 J	1,380
21	023-0052	1 to 2	diesel	5,200 J	1,380
23	125-0003M/125-007M[c]	0.5 to 1	gasoline	2,000	1,030
	126-0001M	0 to 0.5	diesel	1,900	1,380
		0 to 0.5	motor oil	27,000	1,900
25	132-0004M[d]	0 to 0.5	motor oil	12,000	1,900
AST 173A,B,C	115-0001M	0.5 to 1	motor oil	3,000	1,900

Notes:
[a] sample ID used for EBS samples
[b] DON 2001b
[c] duplicate samples
[d] motor oil-range TPH was below the screening criterion in the duplicate sample

Acronyms/Abbreviations:
AOC – area of concern
AST – aboveground storage tank
bgs – below ground surface
EBS – environmental baseline survey
mg/kg – milligrams per kilogram
SWMU – solid waste management unit
TPH – total petroleum hydrocarbons

Review Qualifier:
J – estimated value

Table A1-5
Benzo(a)pyrene Equivalents in Soil Exceeding Residential Soil Screening Criteria

AOC	Station ID[a]	Depth (feet bgs)	B(a)P Equivalent Concentration (µg/kg)[b,c]
2	32EDC-5-33	4 to 8	1,400
	32EDC-5-34[d]	0.5 to 2	3,900
4	32EDC-5-89	4 to 8	2,200
	H29	4 to 8	1,200
	H30	4 to 8	2,400
	H31	2 to 4	4,400
		4 to 8	3,600
	H32	4 to 8	930
	H33	2 to 4	690
		4 to 8	1,400
	I26	2 to 4	640
		4 to 8	2,300
	J25	2 to 4	1,300
	J26	4 to 8	2,400
6	U33	0 to 0.5	760
		2 to 4	2,200
	U34	2 to 4	8,300
		4 to 8	690
	V33	2 to 4	1,800
	V34	0.5 to 2	810
		2 to 4	1,700
7	098-010	6 to 8	25,000
	BB30	1.5 to 2	780
	CC27	1 to 1.5	980
13	QQ25	0.5 to 2	740
14	103-018	6 to 8	750
	TT21	2 to 4	3,500
	UU19	2 to 4	740
	UU20	0.5 to 2	630
		4 to 8	6,400
	UU21	0.5 to 2	770
	VV17	4 to 8	25,000
	WW16	2 to 4	9,600
15	32EDC-5-122	2 to 4	640
	32EDC-5-132[e]	0 to 0.5	1,200
16	32EDC-5-120	2 to 4	22,000
17	B12-10	0 to 0.5	980
23	B06-09	8 to 9.5	5,000
		14 to 15.5	2,300
	B06-10	8 to 9.5	780

Table A1-5 (continued)

PAH Areas Outside of AOCs (DA[f]/EBS Parcel)	Station ID[a]	Depth (feet bgs)	B(a)P Equivalent Concentration (µg/kg)[b,c]
DA 1	32EDC-5-42	2 to 4	1,100
DA 2	32EDC-5-49	4 to 8	940
	32EDC-5-73	4 to 8	5,200
	BB46	2 to 4	710
	CC46	2 to 4	3,200
	Y34	2 to 4	890
	Y36	4 to 8	1,900
	Y43	2 to 4	4,200
	Z34	0.5 to 2	970
		2 to 4	980
		4 to 8	1,100
	Z36	4 to 8	790
DA 4	098-005	4 to 6	2,900
		6 to 8	2,500
	32EDC-5-97	4 to 8	900
	R31	2 to 4	1,600
	S27	2 to 4	730
	S28	0.5 to 2	760
	S29	0.5 to 2	650
	T27	2 to 4	1,100
	T28	2 to 4	1,200
		4 to 8	750
	T31	2 to 4	1,200
	U23	0 to 0.5	670
		4 to 8	840
	U24	4 to 8	2,100
	U26	0 to 0.5	760
		0.5 to 2	780
	U27	2 to 4	1,000
	U28	2 to 4	1,800
		4 to 8	1,300
	U29	2 to 4	1,100
	U30	0.5 to 2	630
		2 to 4	910
	V23	4 to 8	5,800
	V24	4 to 8	8,700
	V25	0 to 0.5	800

Table A1-5 (continued)

PAH Areas Outside of AOCs (DA[f]/EBS Parcel)	Station ID[a]	Depth (feet bgs)	B(a)P Equivalent Concentration (µg/kg)[b,c]
DA 4 (continued)	V27	0.5 to 2	1,000
		4 to 8	1,400
	V28	0.5 to 2	910
	V29	2 to 4	1,700
	V30	2 to 4	830
	V31	2 to 4	2,900
	W23	4 to 8	5,300
	W25	2 to 4	1,900
	W27	0.5 to 2	680
	W28	0.5 to 2	890
		2 to 4	1,400
		4 to 8	880
	W29	0.5 to 2	700
		2 to 4	2,000
	W31	0 to 0.5	670
	W32	2 to 4	2,400
	X27	2 to 4	1,300
	X28	2 to 4	810
	X29	4 to 8	2,600
	X30	4 to 8	2,300
	X31	2 to 4	750
DA 5	32EDC-5-108	2 to 4	13,000
		4 to 8	4,300
	N20	4 to 8	1,300
	N22	4 to 8	2,000
	O20	4 to 8	1,800
	P22	0.5 to 2	970
		4 to 8	3,100
	P23	4 to 8	2,800
	P24	2 to 4	1,100
	Q18	4 to 8	1,200
	Q21	0.5 to 2	800
		2 to 4	2,600
		4 to 8	4,300
	Q22	2 to 4	1,400
		4 to 8	680
	Q23	4 to 8	1,200
	R18	2 to 4	820

Table A1-5 (continued)

PAH Areas Outside of AOCs (DA[f]/EBS Parcel)	Station ID[a]	Depth (feet bgs)	B(a)P Equivalent Concentration (µg/kg)[b,c]
DA 5 (continued)	R19	4 to 8	2,100
	R20	4 to 8	1,800
	R21	4 to 8	1,200
	R23	4 to 8	890
	S18	2 to 4	880
		4 to 8	880
	U20	2 to 4	660
	U21	4 to 8	2,500
	V21	4 to 8	2,400
DA 6	32EDC-5-126	0 to 0.5	950
		2 to 4	1,400
	M16	0 to 0.5	730
	O15	1 to 1.5	650
	P13	0.5 to 1	830
	R10	1.5 to 2	710
	R12	2 to 4	2,500
	R13	0 to 0.5	710
		2 to 4	1,400
	R15	0.5 to 2	730
	S12	2 to 4	3,400
	S13	0 to 0.5	640
		2 to 4	6,600
	S15	2 to 4	830
	S9C[e]	1.5 to 2	1,400
	T11	0 to 0.5	690
	T12	2 to 4	2,100
	T13	2 to 4	1,100
		4 to 8	690
	T14	2 to 4	5,700
		4 to 8	1,500
DA 7	099-008	4 to 6	1,300
	P8	0.5 to 1	660
	Q8	1 to 1.5	810
	R9	1 to 1.5	930
	S9[e]	1.5 to 2	1,800
	S9B	1.5 to 2	790
	U8	1 to 1.5	690

Table A1-5 (continued)

PAH Areas Outside of AOCs (DA[f]/EBS Parcel)	Station ID[a]	Depth (feet bgs)	B(a)P Equivalent Concentration (µg/kg)[b,c]
DA 8	32EDC-5-96	2 to 4	720
		4 to 8	990
	DD32	4 to 8	920
DA 9	32EDC-5-86	4 to 8	2,000
	AA24	1 to 1.5	730
	AA28	1 to 1.5	960
	BB19	0.5 to 1	640
	W19	4 to 8	1,200
	W21	4 to 8	700
	Y21[e]	1 to 1.5	13,000
	Z31	4 to 8	6,200
	Z32	2 to 4	1,900
		4 to 8	830
DA 10	098-006	6 to 8	2,300
	AA13	4 to 8	1,200
	U14	2 to 4	870
	W15	4 to 8	2,900
	Z14	4 to 8	8,700
DA 11	32EDC-5-125	2 to 4	750
	32EDC-5-135[e]	0 to 0.5	1,400
		0.5 to 2	640
	AA8	1 to 1.5	870
	BB11	0 to 0.5	700
	CC11	4 to 8	880
	CC12	0.5 to 2	810
		4 to 8	720
	EE13	4 to 8	1,700
	FF12	4 to 8	860
	FF13	4 to 8	2,700
	GG13	4 to 8	1,400
	U11	2 to 4	1,700
	V11	2 to 4	1,100
		4 to 8	7,700
	Y11	0 to 0.5	680
		2 to 4	790

Table A1-5 (continued)

PAH Areas Outside of AOCs (DA[f]/EBS Parcel)	Station ID[a]	Depth (feet bgs)	B(a)P Equivalent Concentration (µg/kg)[b,c]
DA 12	32EDC-5-134	4 to 8	740
	BB5	0.5 to 1	730
	GG2	4 to 8	3,300
	GG5	2 to 4	1,500
	HH5	4 to 8	990
	II5	2 to 4	2,000
	LL4	4 to 8	3,400
DA 13	II14	4 to 8	870
	II9	4 to 8	1,700
	JJ12	2 to 4	860
	JJ9	4 to 8	1,600
	KK10	4 to 8	630
DA 16	103-017	2 to 4	4,200
		4 to 6	11,000
	32EDC-5-103	0.5 to 2	950
DA 17	WW27	0.5 to 1	710
DA 18	RR13	0.5 to 2	1,000
	TT11	4 to 8	930
	VV7	2 to 4	1,100
		4 to 8	1,800
	VV8	2 to 4	1,000
	XX13	2 to 4	870
EBS 45	32EDC-5-7	2 to 4	990

Notes:
[a] sample ID used for EBS samples
[b] values exceed the residential soil screening criterion of 620 µg/kg
[c] B(a)P equivalent values from the SI Report (BEI 2005b) bound of 1,000 µg/kg
[d] not excavated because area is nonresidential (Foster Wheeler 2004)
[e] not excavated because area is asphalt-paved (Foster Wheeler 2004)
[f] see Figure A1-34

Acronyms/Abbreviations:
AOC – area of concern
B(a)P – benzo(a)pyrene
bgs – below ground surface
DA – decision area
EBS – environmental baseline survey
µg/kg – micrograms per kilogram
SI – site inspection

Table A1-6
Semivolatile Organic Compounds in Soil and Groundwater Exceeding Screening Criteria

AOC	Station ID[a]	Depth (feet bgs)	Analyte	SVOC Concentration	Units	Screening Criteria	
Soil						**PRG[b]**	**Units**
14	VV17	4 to 8	naphthalene	2,800 J	µg/kg	1,700[c]	µg/kg
Groundwater						**MCL[d]**	**Units**
23	071M-013	7.5 to 8.5	benzo(a)pyrene	3 J	µg/L	0.2	µg/L

Notes:
[a] sample ID used for EBS samples
[b] U.S. EPA 2004
[c] California-modified PRG used
[d] MCL – the lower of either federal or California

Acronyms/Abbreviations:
AOC – area of concern
bgs – below ground surface
EBS – environmental baseline survey
µg/kg – micrograms per kilogram
µg/L – micrograms per liter
MCL – maximum contaminant level
PRG – preliminary remediation goal
SVOC – semivolatile organic compound

Review Qualifier:
J – estimated value

Table A1-7
Pesticides and Polychlorinated Biphenyls in Soil Exceeding Screening Criteria

AOC	Station ID[a]	Depth (feet bgs)	Analyte	Pesticide/PCB Concentration (µg/kg)	Residential Soil PRG[b] (µg/kg)
3	091-0001	0 to 0.5	dieldrin	470	30
7	BB30	1.5 to 2	Aroclor 1254	300	220
	CC27	1 to 1.5	Aroclor 1254	320	220
8	098-0006	0.5 to 1	Aroclor 1254	300	220
13	103-0002	0.5 to 1	4,4′-DDT	2,200 J	1,700
	103-0020	7 to 7.5	4,4′-DDD	5,300 J	2,400
		7 to 7.5	4,4′-DDT	2,600 J	1,700
	103-0023	0.5 to 1	dieldrin	50 J	30
23	123-0022	0 to 0.5	Aroclor 1260	500 J	220

Notes:
[a] sample ID used for EBS samples
[b] U.S. EPA 2004

Acronyms/Abbreviations:
AOC – area of concern
bgs – below ground surface
DDD – dichlorodiphenyldichloroethane
DDT – dichlorodiphenyltrichloroethane
EBS – environmental baseline survey
µg/kg – micrograms per kilogram
PCB – polychlorinated biphenyl
PRG – preliminary remediation goal

Review Qualifier:
J – estimated value

Table A1-8
Metals in Soil Exceeding Screening Criteria

AOC	Station ID[a]	Depth (feet bgs)	Analyte	Metal Concentration (mg/kg)	Background Concentration (mg/kg)	Residential Soil PRG[b] (mg/kg)
4	MBG-1	3 to 3.5	iron	27,900	20,394	23,000
10	Parcel 98 Grid 28	1 to 1	lead	160 J	32.6	150[c]
	SS-36B-N25	0 to 0.5	lead	187	32.6	150[c]
	SS-36B-N75	0 to 0.5	lead	155	32.6	150[c]
	SS-36B-NW75	0.5 to 1	lead	158	32.6	150[c]
	SS-36B-S25	0 to 0.5	lead	819	32.6	150[c]
		0.5 to 1	lead	425	32.6	150[c]
		1 to 1.5	lead	159	32.6	150[c]
	SS-36B-SE50	0 to 0.5	lead	632	32.6	150[c]
	SS-36B-SW25	0 to 0.5	lead	280	32.6	150[c]
	SS-36B-W50	0 to 0.5	lead	313	32.6	150[c]
	SS-36B-W75	0 to 0.5	lead	359	32.6	150[c]
12	107-0001	1 to 2	iron	35,000	20,394	23,000
		1 to 2	vanadium	113	44.6	78
	107-0002	1 to 2	thallium	5.8 J	NA	5.2
		1 to 2	vanadium	116	44.6	78
	Grid 6 Tower 61	1 to 1	lead	170	32.6	150[c]
	Grid 7 Tower 61	1 to 1	lead	160	32.6	150[c]
	Parcel 106 Grid 28	2 to 2	arsenic	38	8.7	0.062[c]
	Parcel 106 Grid 30	2 to 2	arsenic	35	8.7	0.062[c]
	Parcel 106 Grid 31	2 to 2	arsenic	20	8.7	0.062[c]
	Parcel 106 Grid 9	2 to 2	lead	160 J	32.6	150[c]
	SS-33-NW50	0 to 0.5	lead	290	32.6	150[c]
	SS-33-S50	0 to 0.5	lead	666	32.6	150[c]
	SS-33-SE50	0 to 0.5	lead	274	32.6	150[c]
	SS-33-SW50	0 to 0.5	lead	572	32.6	150[c]
		0.5 to 1	lead	258	32.6	150[c]
		1 to 1.5	lead	289	32.6	150[c]
	SS-61-C00	1 to 1.5	lead	162	32.6	150[c]
	SS-61-E25	1 to 1.5	lead	173	32.6	150[c]
	SS-61-N50	0 to 0.5	lead	409	32.6	150[c]
	SS-61-NE50	0 to 0.5	lead	452	32.6	150[c]
	SS-61-NW50	0 to 0.5	lead	236	32.6	150[c]
	SS-61-W25	1 to 1.5	lead	176	32.6	150[c]
	SS-61-W75	0 to 0.5	lead	230	32.6	150[c]
	SS-105-A1	0 to 0.5	lead	397	32.6	150[c]
	SS-105-C1	0 to 0.5	lead	211	32.6	150[c]
		0.5 to 1	lead	176	32.6	150[c]

Table A1-8 (continued)

AOC	Station ID[a]	Depth (feet bgs)	Analyte	Metal Concentration (mg/kg)	Background Concentration (mg/kg)	Residential Soil PRG[b] (mg/kg)
23	B06-09	8 to 9.5	iron	35,100	20,394	23,000
	123-0022	0 to 0.5	arsenic	14.3	8.7	0.062[c]
	126-0005	0.5 to 1	thallium	6.4 J	NA	5.2
	126-0009	0 to 1	arsenic	13.2	8.7	0.062[c]
	126-0009	0 to 1	iron	46,300	20,394	23,000
	126-0010	3 to 4	arsenic	12.8	8.7	0.062[c]
	126-0010	3 to 4	iron	41,500	20,394	23,000
24	116-0004M	4 to 4.5	arsenic	9.1	8.7	0.062[c]
	116-0007	4 to 5	iron	34,600	20,394	23,000
	116-0008	4 to 5	iron	39,200	20,394	23,000
	116-0010	2.5 to 3.5	iron	30,500	20,394	23,000
	S03-DGS-DP14	6 to 6.5	lead	1,030 J	32.6	150[c]
	S03-DGS-DP32	5.5 to 6	lead	195	32.6	150[c]
25	130M-001M	8 to 9	arsenic	9.6	8.7	0.062[c]
	132-0006M	0 to 0.5	arsenic	8.8	8.7	0.062[c]

Notes:
[a] sample ID used for EBS samples
[b] U.S. EPA 2004
[c] California-modified PRG used

Acronyms/Abbreviations:
AOC – area of concern
bgs – below ground surface
EBS – environmental baseline survey
mg/kg – milligrams per kilogram
NA – not applicable
PRG – preliminary remediation goal

Review Qualifier:
J – estimated value

Table A1-9
Metals in Groundwater Exceeding Screening Criteria

AOC	Station ID[a]	Depth (feet bgs)	Analyte	Metal Concentration (µg/L)	MCL[b] (µg/L)
4	MBG-1	5 to 15	arsenic	11.3	10
17	185I-006	9 to 10	aluminum	14,100	1,000
		9 to 10	arsenic	10.7	10
	185I-008	10 to 10	aluminum	45,800	1,000
		10 to 10	arsenic	15.9	10
		10 to 10	chromium	173	50
23	123-0042	4 to 8	arsenic	16	10
	123-0043	4 to 8	arsenic	13.9	10
24	116-0009/116-0012[c]	8 to 9	aluminum	1,180	1,000
		8 to 9	arsenic	16.1	10
		8 to 9	lead	172	15[d]
	116-0013	9 to 12	thallium	4.4 J	2.4
	116-0014	9 to 12	aluminum	5,340	1,000
		9 to 12	arsenic	28	10
		9 to 12	lead	856	15[d]
		9 to 12	thallium	4.3 J	2.4
	S03-DGS-DP14	3.5 to 5	lead	210	15[d]
25	DHP-S03-03	17.5 to 21	cadmium	17.2	5
		17.5 to 21	thallium	51.8 J	2.4
	M03-11[e]	26 to 36	arsenic	21.7 J	10
	MBG-3[e]	5 to 15	arsenic	15.1 J	10

Notes:
[a] sample ID used for EBS samples
[b] MCL – the lower of either federal or California
[c] duplicate samples
[d] California-modified action level
[e] monitoring well; maximum values reported

Acronyms/Abbreviations:
AOC – area of concern
bgs – below ground surface
EBS – environmental baseline survey
µg/L – micrograms per liter
MCL – maximum contaminant level

Review Qualifier:
J – estimated value

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APPENDIX A2

ANALYTICAL RESULTS FROM PREVIOUS INVESTIGATIONS

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A2-35 AOC 25 Previous Investigations Data – Water

A2-36 EBS 078 and EBS 079 Previous Investigations Data – Soil

A2-37 EBS 205 Previous Investigations Data – Soil

A2-38 OWS-017 Previous Investigations Data – Soil

A2-39 AST 039 Previous Investigations Data – Soil

A2-40 AST 039 Previous Investigations Data – Water

A2-41 AST 152 Previous Investigations Data – Soil

A2-42 ASTs 173A, 173B, and 173C Previous Investigations Data – Soil

A2-43 AST 392 Previous Investigations Data – Soil

A2-44 UST(R)-11 Previous Investigations Data – Soil

A2-45 UST(R)-11 Previous Investigations Data – Water

A2-46 PAH Areas Previous Investigations Data for PAHs and other SVOCs – Soil

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SSIC NO. 5090.3

TABLES

FINAL WORK PLAN FOR REMEDIAL INVESTIGATION IR SITE 35, AREAS OF CONCERN IN TRANSFER PARCEL EDC-5

DATED 13 MARCH 2006

Table A2-1
AOC 1 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/ SAMPING DATE/REFERENCE					
	EBS 043 043-001-001 043-0001 REG 0.5 - 1 7/18/1995 IT 2001a	EBS 043 043-001-001 043-0001M REG 0.5 - 1 7/18/1995 IT 2001a	EBS 043 32EDC-5-2 C032C763 REG 0 - 0.5 5/13/2002 BEI 2003a	EBS 043 32EDC-5-2 C032C764 REG 0.5 - 2 5/13/2002 BEI 2003a	EBS 043 32EDC-5-2 C032C765 REG 2 - 4 5/13/2002 BEI 2003a	EBS 043 32EDC-5-2 C032C766 REG 4 - 8 5/13/2002 BEI 2003a
Volatile Organic Compounds (µg/kg)	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (µg/kg)						
diesel	11,000 U	2,200	*			
gasoline	500 U	540 U				
motor oil	23,000 J	40,000				
Semivolatile Organic Compounds (µg/kg)						
acenaphthene			5.3 U	5.6 U	6.2 U	6 U
acenaphthylene			2.4 J	5.6 U	6.2 U	6 U
anthracene			3.9 J	5.6 U	6.2 U	6 U
benz(a)anthracene			27	2.5 J	6.2 U	6 U
benzo(b)fluoranthene			45	4 J	6.2 U	1.5 J
benzo(k)fluoranthene			46	3 J	6.2 U	6 U
benzo(g,h,i)perylene			50	5.6 J	6.2 U	2.5 J
benzo(a)pyrene			46	4.4 J	6.2 U	6 U
chrysene			51	3.7 J	6.2 U	6 U
dibenz(a,h)anthracene			8.5	5.6 U	6.2 U	6 U
fluoranthene			54	5 J	6.2 U	2.8 J
fluorene			1.2 J	5.6 U	6.2 U	6 U
indeno(1,2,3-cd)pyrene			49	4.6 J	6.2 U	1.9 J
2-methylnaphthalene			2.9 J	5.6 U	6.2 U	6 U
naphthalene			2.7 J	5.6 U	6.2 U	6 U
phenanthrene			29	2 J	6.2 U	1.8 J
pyrene			58	6.7	6.2 U	4 J
Pesticides/Polychlorinated Biphenyls (µg/kg)	NA	NA	NA	NA	NA	NA
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA
Metals (mg/kg)	NA	NA	NA	NA	NA	NA

Note:
* blank – sample not analyzed for a particular compound

Acronyms/Abbreviations:
BEI – Bechtel Environmental Inc.
bgs – below ground surface
EBS – Environmental Baseline Survey
ID – identification
IT – International Technology Corporation
FD – field duplicate
µg/kg – micrograms per kilogram
mg/kg – milligrams per kilogram
NA – not analyzed
REG – regular

Data Qualifiers:
J – indicates an estimated value
U – indicates the compound or analyte was analyzed for, but was not detected above the stated detection limit

Table A2-2
AOC 2 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/ SAMPLING DATE/REFERENCE										
	EBS 061 061-001-001 061-0001 REG 3 - 3.5 6/1/1995 IT 2001a	EBS 061 061-001-002 061-0002 REG 0.5 - 1 5/26/1995 IT 2001a	EBS 061 061-SN-004 061S-004 REG 7.5 - 8.5 1/24/1995 IT 2001a	EBS 061 061-SN-004 061S-004M REG 7.5 - 8.5 1/24/1995 IT 2001a	EBS 061 061-SN-005 061S-005 REG 9 - 9.5 1/24/1995 IT 2001a	EBS 061 061-SN-005 061S-005M REG 9 - 9.5 1/24/1995 IT 2001a	EBS 061 061-SN-006 061S-006 REG 5.5 - 6.5 1/24/1995 IT 2001a	EBS 061 061-SN-006 061S-006M REG 5.5 - 6.5 1/24/1995 IT 2001a	EBS 061 32EDC-5-33 C032C899 REG 0 - 0.5 5/14/2002 BEI 2003a	EBS 061 32EDC-5-33 C032C900 REG 0.5 - 2 5/14/2002 BEI 2003a	EBS 061 32EDC-5-33 C032C901 FD 0.5 - 2 5/14/2002 BEI 2003a
Volatile Organic Compounds (µg/kg)											
1,3-dichlorobenzene	360 U	350 U	410 U	*	390 U		420 U				
1,4-dichlorobenzene	360 U	350 U	410 U		390 U		420 U				
1,2,4-trichlorobenzene	360 U	350 U	25 J		390 U		420 U				
Petroleum Hydrocarbons (µg/kg)											
diesel	10,000 U	11,000 U		50,000 U		50,000 U		50,000 U			
gasoline	500 U	500 U		50.000 U		50,000 U		50,000 U			
motor oil	45,000 J	53,000 J									
Semivolatile Organic Compounds (µg/kg)											
acenaphthene									2.2 J	9.3	5.8 U
acenaphthylene									9 J	18 J	5.8 U
anthracene									8.2	5.8 U	5.8 U
benz(a)anthracene									74 J	150 J	310 J
benzo(b)fluoranthene									100 J	190 J	330 J
benzo(k)fluoranthene									79 J	160 J	300 J
benzo(g,h,i)perylene									160 J	290 J	450 J
benzo(a)pyrene									140 J	280 J	500 J
bis(2-chloroethoxy)methane	360 U	350 U	410 U		390 U		420 U				
bis(2-chloroethyl)ether	360 U	350 U	410 U		390 U		420 U				
bis(2-chloro-1-methylethyl)ether	360 U	350 U	410 U		390 U		420 U				
bis(2-ethylhexyl)phthalate	360 U	42 J	410 U		390 U		420 U				
4-bromophenyl phenyl ether	360 U	350 U	410 U		390 U		420 U				
butyl benzyl phthalate	360 U	350 U	410 U		390 U		420 U				
carbazole	360 U	350 U	410 U		390 U		420 U				
4-chloroaniline	360 U	350 U	410 U		390 U		420 U				
4-chloro-3-methylphenol	360 U	350 U	68 J		390 U		420 U				
2-chloronaphthalene	360 U	350 U	410 U		390 U		420 U				
2-chlorophenol	360 U	350 U	52 J		390 U		420 U				
4-chlorophenyl phenyl ether	360 U	350 U	410 U		390 U		420 U				
chrysene									90 J	170 J	310 J
dibenz(a,h)anthracene									17	5.8 U	5.8 U
di-n-butyl phthalate	66 J	55 J	410 U		390 U		420 U				
dibenzofuran	360 U	350 U	410 U		390 U		420 U				
1,2-dichlorobenzene	360 U	350 U	410 U		390 U		420 U				
3,3'-dichlorobenzidine	360 U	350 U	410 U		390 U		420 U				
2,4-dichlorophenol	360 U	350 U	410 U		390 U		420 U				
diethyl phthalate	360 U	350 U	27 J		390 U		420 U				
2,4-dimethylphenol	360 U	350 U	410 U		390 U		420 U				
dimethyl phthalate	360 U	350 U	410 U		390 U		420 U				
4,6-dinitro-2-methylphenol	870 U	850 U	990 U		940 U		1,000 U				
2,4-dinitrophenol	870 U	850 U	990 U		940 U		1,000 U				
2,4-dinitrotoluene	360 U	350 U	42 J		390 U		420 U				
2,6-dinitrotoluene	360 U	350 U	410 U		390 U		420 U				
di-n-octyl phthalate	360 U	350 U	410 U		390 U		420 U				

Table A2-2
AOC 2 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/ SAMPLING DATE/REFERENCE										
	EBS 061 061-001-001 061-0001 REG 3 - 3.5 6/1/1995 IT 2001a	EBS 061 061-001-002 061-0002 REG 0.5 - 1 5/26/1995 IT 2001a	EBS 061 061-SN-004 061S-004 REG 7.5 - 8.5 1/24/1995 IT 2001a	EBS 061 061-SN-004 061S-004M REG 7.5 - 8.5 1/24/1995 IT 2001a	EBS 061 061-SN-005 061S-005 REG 9 - 9.5 1/24/1995 IT 2001a	EBS 061 061-SN-005 061S-005M REG 9 - 9.5 1/24/1995 IT 2001a	EBS 061 061-SN-006 061S-006 REG 5.5 - 6.5 1/24/1995 IT 2001a	EBS 061 061-SN-006 061S-006M REG 5.5 - 6.5 1/24/1995 IT 2001a	EBS 061 32EDC-5-33 C032C899 REG 0 - 0.5 5/14/2002 BEI 2003a	EBS 061 32EDC-5-33 C032C900 REG 0.5 - 2 5/14/2002 BEI 2003a	EBS 061 32EDC-5-33 C032C901 FD 0.5 - 2 5/14/2002 BEI 2003a
Semivolatile Organic Compounds (µg/kg) (continued)											
fluoranthene									180 J	410 J	940 J
fluorene									5.7 U	5.8 U	5.8 U
hexachlorobenzene	360 U	350 U	410 U		390 U		420 U				
hexachlorobutadiene	360 U	350 U	410 U		390 U		420 U				
hexachlorocyclopentadiene	360 U	350 U	410 U		390 U		420 U				
hexachloroethane	360 U	350 U	410 U		390 U		420 U				
indeno(1,2,3-cd)pyrene									120 J	220 J	360 J
isophorone	360 U	350 U	410 U		390 U		420 U				
2-methylnaphthalene									5.7 UJ	5.8 UJ	5.8 UJ
2-methylphenol	360 U	350 U	410 U		390 U		420 U				
4-methylphenol	360 U	350 U	410 U		390 U		420 U				
naphthalene									5.7 UJ	5.8 UJ	5.8 UJ
2-nitroaniline	870 U	850 U	990 U		940 U		1,000 U				
3-nitroaniline	870 U	850 U	990 U		940 U		1,000 U				
4-nitroaniline	870 U	850 U	990 U		940 U		1,000 U				
nitrobenzene	360 U	350 U	410 U		390 U		420 U				
2-nitrophenol	360 U	350 U	410 U		390 U		420 U				
4-nitrophenol	870 U	850 U	120 J		940 U		1,000 U				
N-nitrosodiphenylamine	360 U	350 U	410 U		390 U		420 U				
N-nitroso-di-n-propylamine	360 U	350 U	46 J		390 U		420 U				
pentachlorophenol	870 U	850 U	75 J		940 U		1,000 U				
phenanthrene									26 J	160 J	410 J
phenol	360 U	350 U	410 U		390 U		420 U				
pyrene									230 J	520 J	120 J
2,4,5-trichlorophenol	870 U	850 U	990 U		940 U		1,000 U				
2,4,6-trichlorophenol	360 U	350 U	410 U		390 U		420 U				
Pesticides/Polychlorinated Biphenyls (µg/kg)											
aldrin			2.1 U		2 U		2.2 U				
Aroclor 1016	36 U	35 U	41 U		39 U		42 U				
Aroclor 1221	73 U	71 U	83 U		79 U		86 U				
Aroclor 1232	36 U	35 U	41 U		39 U		42 U				
Aroclor 1242	36 U	35 U	41 U		39 U		42 U				
Aroclor 1248	36 U	35 U	41 U		39 U		42 U				
Aroclor 1254	36 U	35 U	41 U		39 U		42 U				
Aroclor 1260	36 U	35 U	41 U		39 U		42 U				
alpha-BHC			2.1 U		2 U		2.2 U				
beta-BHC			2.1 U		2 U		2.2 U				
delta-BHC			2.1 U		2 U		2.2 U				
gamma-BHC (lindane)			2.1 U		2 U		2.2 U				
alpha-chlordane			2.1 U		2 U		2.2 U				
gamma-chlordane			2.1 U		2 U		2.2 U				
4,4'-DDD			4.1 U		3.9 U		4.2 U				
4,4'-DDE			4.1 U		3.9 U		4.2 U				
4,4'-DDT			4.1 U		3.9 U		4.2 U				
dieldrin			4.1 U		3.9 U		4.2 U				

Table A2-2
AOC 2 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/ SAMPLING DATE/REFERENCE										
	EBS 061 061-001-001 061-0001 REG 3 - 3.5 6/1/1995 IT 2001a	EBS 061 061-001-002 061-0002 REG 0.5 - 1 5/26/1995 IT 2001a	EBS 061 061-SN-004 061S-004 REG 7.5 - 8.5 1/24/1995 IT 2001a	EBS 061 061-SN-004 061S-004M REG 7.5 - 8.5 1/24/1995 IT 2001a	EBS 061 061-SN-005 061S-005 REG 9 - 9.5 1/24/1995 IT 2001a	EBS 061 061-SN-005 061S-005M REG 9 - 9.5 1/24/1995 IT 2001a	EBS 061 061-SN-006 061S-006 REG 5.5 - 6.5 1/24/1995 IT 2001a	EBS 061 061-SN-006 061S-006M REG 5.5 - 6.5 1/24/1995 IT 2001a	EBS 061 32EDC-5-33 C032C899 REG 0 - 0.5 5/14/2002 BEI 2003a	EBS 061 32EDC-5-33 C032C900 REG 0.5 - 2 5/14/2002 BEI 2003a	EBS 061 32EDC-5-33 C032C901 FD 0.5 - 2 5/14/2002 BEI 2003a
Pesticides/Polychlorinated Biphenyls (µg/kg) (continued)											
endosulfan I			2.1 U		2 U		2.2 U				
endosulfan II			4.1 U		3.9 U		4.2 U				
endosulfan sulfate			4.1 U		3.9 U		4.2 U				
endrin			4.1 U		3.9 U		4.2 U				
endrin aldehyde			4.1 U		3.9 U		4.2 U				
endrin ketone			4.1 U		3.9 U		4.2 U				
heptachlor			2.1 U		2 U		2.2 U				
heptachlor epoxide			2.1 U		2 U		2.2 U				
methoxychlor			21 U		20 U		22 U				
toxaphene			210 U		200 U		220 U				
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)											
aluminum	4,770 J	4710 J									
antimony	1.4 UJ			25 U		25 U		25 U			
arsenic	3.7 U	1.6 UJ									
barium	37.1	30.6									
beryllium	0.15 U	0.4 U		25 U		25 U		25 U			
cadmium	0.06 U	0.06 U		25 U		25 U		25 U			
calcium	3,080	2,480									
chromium	23.7 J	22.1 J		25 U		25 U		25 U			
cobalt	3.7	3.4									
copper	10.6	13.2		25 U		29		25 U			
iron	10,100	7720									
lead	4.4 J	3 UJ		38		25 U		25 U			
magnesium	2,550	2,320									
manganese	133 J	90.9									
mercury	0.16 U	0.16 U		25 U		25 U		25 U			
molybdenum	2.1 U	2.1 U									
nickel	20.6 J	20.3 J		72		60		35			
potassium	894	682									
selenium	0.56 U	0.55 U									
silver	0.19 U	0.19 U		25 U		25 U		25 U			
sodium	94.6	86.3									
thallium	2.4 J	2.6 J									
vanadium	22.1	18.6									
zinc	33.1	21.8		50		76		33			

Table A2-2
AOC 2 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/ SAMPLING DATE/REFERENCE					
	EBS 061 32EDC-5-33 C032C902 REG 2 - 4 5/14/2002 BEI 2003a	EBS 061 32EDC-5-33 C032C903 REG 4 - 8 5/14/2002 BEI 2003a	EBS 194 32EDC-5-34 C032C904 REG 0 - 0.5 5/15/2002 BEI 2003a	EBS 194 32EDC-5-34 C032C905 REG 0.5 - 2 5/15/2002 BEI 2003a	EBS 194 32EDC-5-34 C032C906 REG 2 - 4 5/15/2002 BEI 2003a	EBS 194 32EDC-5-34 C032C907 REG 4 - 8 5/15/2002 BEI 2003a
Volatile Organic Compounds (µg/kg)						
1,3-dichlorobenzene						
1,4-dichlorobenzene						
1,2,4-trichlorobenzene						
Petroleum Hydrocarbons (µg/kg)						
diesel						
gasoline						
motor oil						
Semivolatile Organic Compounds (µg/kg)						
acenaphthene	5.9 U	15	5.3 UJ	2 J	5.9 UJ	6 UJ
acenaphthylene	5.9 U	37 J	5.3 UJ	120 J	5.9 UJ	1.7 J
anthracene	60	66	1.7 J	88 J	5.9 UJ	2.1 J
benz(a)anthracene	350 J	760 J	21 J	1,700 J	12 J	20 J
benzo(b)fluoranthene	260 J	650 J	32 J	2,200 J	18 J	32 J
benzo(k)fluoranthene	280 J	410 J	17 J	1,700 J	11 J	22 J
benzo(g,h,i)perylene	350 J	1,000 J	31	2,400	27	47
benzo(a)pyrene	420 J	1,200 J	27 J	3,000 J	21 J	44 J
bis(2-chloroethoxy)methane						
bis(2-chloroethyl)ether						
bis(2-chloro-1-methylethyl)ether						
bis(2-ethylhexyl)phthalate						
4-bromophenyl phenyl ether						
butyl benzyl phthalate						
carbazole						
4-chloroaniline						
4-chloro-3-methylphenol						
2-chloronaphthalene						
2-chlorophenol						
4-chlorophenyl phenyl ether						
chrysene	400 J	870 J	52 J	2200 J	24 J	25 J
dibenz(a,h)anthracene	56	6.6 U	9.1 J	220 J	4.8 J	3.5 J
di-n-butyl phthalate						
dibenzofuran						
1,2-dichlorobenzene						
3,3'-dichlorobenzidine						
2,4-dichlorophenol						
diethyl phthalate						
2,4-dimethylphenol						
dimethyl phthalate						
4,6-dinitro-2-methylphenol						
2,4-dinitrophenol						
2,4-dinitrotoluene						
2,6-dinitrotoluene						
di-n-octyl phthalate						

Table A2-2
AOC 2 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/ SAMPLING DATE/REFERENCE					
	EBS 061 32EDC-5-33 C032C902 REG 2 - 4 5/14/2002 BEI 2003a	EBS 061 32EDC-5-33 C032C903 REG 4 - 8 5/14/2002 BEI 2003a	EBS 194 32EDC-5-34 C032C904 REG 0 - 0.5 5/15/2002 BEI 2003a	EBS 194 32EDC-5-34 C032C905 REG 0.5 - 2 5/15/2002 BEI 2003a	EBS 194 32EDC-5-34 C032C906 REG 2 - 4 5/15/2002 BEI 2003a	EBS 194 32EDC-5-34 C032C907 REG 4 - 8 5/15/2002 BEI 2003a
Semivolatile Organic Compounds (µg/kg) (continued)						
fluoranthene	670 J	1,900 J	30 J	4,900 J	21 J	61 J
fluorene	5.9 U	6.6 U	2.4 J	6.3 J	5.9 UJ	6 UJ
hexachlorobenzene						
hexachlorobutadiene						
hexachlorocyclopentadiene						
hexachloroethane						
indeno(1,2,3-cd)pyrene	290 J	800 J	17	2300	19	41
isophorone						
2-methylnaphthalene	5.9 UJ	6.6 UJ	7 J	8.1 J	5.2 J	6 UJ
2-methylphenol						
4-methylphenol						
naphthalene	5.9 UJ	36 J	3.2 J	56 J	5.9 UJ	6 UJ
2-nitroaniline						
3-nitroaniline						
4-nitroaniline						
nitrobenzene						
2-nitrophenol						
4-nitrophenol						
N-nitrosodiphenylamine						
N-nitroso-di-n-propylamine						
pentachlorophenol						
phenanthrene	330 J	130 J	19 J	650 J	11 J	19 J
phenol						
pyrene	960 J	200 J	33 J	7,000 J	33 J	89 J
2,4,5-trichlorophenol						
2,4,6-trichlorophenol						
Pesticides/Polychlorinated Biphenyls (µg/kg)						
aldrin						
Aroclor 1016						
Aroclor 1221						
Aroclor 1232						
Aroclor 1242						
Aroclor 1248						
Aroclor 1254						
Aroclor 1260						
alpha-BHC						
beta-BHC						
delta-BHC						
gamma-BHC (lindane)						
alpha-chlordane						
gamma-chlordane						
4,4'-DDD						
4,4'-DDE						
4,4'-DDT						
dieldrin						

Table A2-2
AOC 2 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/ SAMPLING DATE/REFERENCE					
	EBS 061 32EDC-5-33 C032C902 REG 2 - 4 5/14/2002 BEI 2003a	EBS 061 32EDC-5-33 C032C903 REG 4 - 8 5/14/2002 BEI 2003a	EBS 194 32EDC-5-34 C032C904 REG 0 - 0.5 5/15/2002 BEI 2003a	EBS 194 32EDC-5-34 C032C905 REG 0.5 - 2 5/15/2002 BEI 2003a	EBS 194 32EDC-5-34 C032C906 REG 2 - 4 5/15/2002 BEI 2003a	EBS 194 32EDC-5-34 C032C907 REG 4 - 8 5/15/2002 BEI 2003a
Pesticides/Polychlorinated Biphenyls (µg/kg) (continued)						
endosulfan I						
endosulfan II						
endosulfan sulfate						
endrin						
endrin aldehyde						
endrin ketone						
heptachlor						
heptachlor epoxide						
methoxychlor						
toxaphene						
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA
Metals (mg/kg)						
aluminum						
antimony						
arsenic						
barium						
beryllium						
cadmium						
calcium						
chromium						
cobalt						
copper						
iron						
lead						
magnesium						
manganese						
mercury						
molybdenum						
nickel						
potassium						
selenium						
silver						
sodium						
thallium						
vanadium						
zinc						

Note:
* blank - sample not analyzed for a particular compound

Acronyms/Abbreviations:
BEI – Bechtel Environmental Inc.
bgs – below ground surface
EBS – Environmental Baseline Survey
ID – identification
IT – International Technology Corporation
FD – field duplicate
µg/kg – micrograms per kilogram
mg/kg – milligrams per kilogram
NA – not analyzed
REG – regular

Data Qualifiers:
J – indicates an estimated value
U – indicates the compound or analyte was analyzed for, but was not detected above the stated detection limit
UJ – indicates the compound or analyte was analyzed for, but was not detected above the stated detection limit; the detection limit, in this case, is an estimated value

Table A2-3
AOC 3 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE						
	EBS 091 091-001-001 091-0001 REG 0 - 0.5 4/27/1995 IT 2001a	EBS 091 091-001-001 091-0001RE REG 0 - 0.5 4/27/1995 IT 2001a	EBS 091 32EDC-5-43 C032C943 REG 0 - 0.5 5/14/2002 BEI 2003a	EBS 091 32EDC-5-43 C032C944 REG 0.5 - 2 5/14/2002 BEI 2003a	EBS 091 32EDC-5-43 C032C945 FD 0.5 - 2 5/14/2002 BEI 2003a	EBS 091 32EDC-5-43 C032C946 REG 2 - 4 5/14/2002 BEI 2003a	EBS 091 32EDC-5-43 C032C947 REG 4 - 8 5/14/2002 BEI 2003a
Volatile Organic Compounds (µg/kg)	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (µg/kg)	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)							
acenaphthene			1.5 J	52 U	52 U	100 U	1.5 J
acenaphthylene			8.3	44 J	52 U	100 U	3.4 J
anthracene			7.6	130	52 U	100 U	14
benz(a)anthracene			62	260	7.4 J	8.1 J	68
benzo(b)fluoranthene			94	200	15 J	15 J	67
benzo(k)fluoranthene			83	260	10 J	9.9 J	62
benzo(g,h,i)perylene			120	180 J	26 J	19 J	53
benzo(a)pyrene			130	310	12 J	12 J	75
chrysene			70	320	13 J	13 J	75
dibenz(a,h)anthracene			13	34 J	52 U	100 U	10
fluoranthene			120	760	18 J	10 J	140
fluorene			2 J	29 J	52 U	100 U	1.9 J
indeno(1,2,3-cd)pyrene			110	190	21 J	11 J	57
2-methylnaphthalene			1.7 J	4.7 J	52 U	100 U	1.1 J
naphthalene			4.4 J	6.8 J	52 U	100 U	4 J
phenanthrene			38	590	12 J	100 U	30
pyrene			200	1000	23 J	12 J	150
Pesticides/Polychlorinated Biphenyls (µg/kg)							
aldrin	92 U	9.2 UJ					
Aroclor 1016	1800 U	180 UJ					
Aroclor 1221	3600 U	360 UJ					
Aroclor 1232	1800 U	180 UJ					
Aroclor 1242	1800 U	180 UJ					
Aroclor 1248	1800 U	180 UJ					
Aroclor 1254	1800 U	180 UJ					
Aroclor 1260	1800 U	180 UJ					
alpha-BHC	92 U	9.2 UJ					
beta-BHC	92 U	9.2 UJ					
delta-BHC	92 U	9.2 UJ					
gamma-BHC (lindane)	92 U	9.2 UJ					
alpha-chlordane	820	28 J					
gamma-chlordane	710	26 J					
4,4'-DDD	180 U	14 J					
4,4'-DDE	30 J	39 J					
4,4'-DDT	130 J	47 J					
dieldrin	470	8.7 J					
endosulfan I	92 U	9.2 UJ					
endosulfan II	180 U	18 UJ					
endosulfan sulfate	180 U	18 UJ					

Table A2-3
AOC 3 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE						
	EBS 091 091-001-001 091-0001 REG 0 - 0.5 4/27/1995 IT 2001a	EBS 091 091-001-001 091-0001RE REG 0 - 0.5 4/27/1995 IT 2001a	EBS 091 32EDC-5-43 C032C943 REG 0 - 0.5 5/14/2002 BEI 2003a	EBS 091 32EDC-5-43 C032C944 REG 0.5 - 2 5/14/2002 BEI 2003a	EBS 091 32EDC-5-43 C032C945 FD 0.5 - 2 5/14/2002 BEI 2003a	EBS 091 32EDC-5-43 C032C946 REG 2 - 4 5/14/2002 BEI 2003a	EBS 091 32EDC-5-43 C032C947 REG 4 - 8 5/14/2002 BEI 2003a
Pesticides/Polychlorinated Biphenyls (µg/kg) (continued)							
endrin	180 U	18 UJ					
endrin aldehyde	180 U	18 UJ					
endrin ketone	180 U	18 UJ					
heptachlor	92 U	9.2 UJ					
heptachlor epoxide	92 U	9.2 UJ					
methoxychlor	920 U	92 UJ					
toxaphene	9200 U	920 UJ					
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)	NA	NA	NA	NA	NA	NA	NA

Notes:
Blank – sample not analyzed for a particular compound

Acronyms/Abbreviations:
BEI – Bechtel Environmental Inc.
bgs – below ground surface
EBS – Environmental Baseline Survey
ID – identification
IT – International Technology Corporation
FD – field duplicate
µg/kg – micrograms per kilogram
mg/kg – milligrams per kilogram
NA – not analyzed
REG – regular

Data Qualifiers:
J – indicates an estimated value
U – indicates the compound or analyte was analyzed for, but was not detected above the stated detection limit
UJ – indicates the compound or analyte was analyzed for, but was not detected above the stated detection limit; the detection limit, in this case, is an estimated value

Table A2-4
AOC 4 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE											
	EBS 097 32EDC-5-88 C032CB44 REG 2 - 4 5/16/2002 BEI 2003a	EBS 097 32EDC-5-88 C032CB45 REG 4 - 8 5/16/2002 BEI 2003a	EBS 096 32EDC-5-89 C032CB48 REG 2 - 4 5/20/2002 BEI 2003a	EBS 096 32EDC-5-89 C032CB49 REG 4 - 8 5/20/2002 BEI 2003a	EBS 098 H26 0040-WHA-3518 REG 0 - 0.5 7/17/2003 FWEC 2003	EBS 098 H26 0040-WHA-3519 REG 0.5 - 2 7/17/2003 FWEC 2003	EBS 096 H27 0040-WHA-3520 REG 0 - 0.5 7/17/2003 FWEC 2003	EBS 096 H27 0040-WHA-3521 REG 0.5 - 2 7/17/2003 FWEC 2003	EBS 096 H27 0040-WHA-3522 REG 2 - 4 7/17/2003 FWEC 2003	EBS 096 H27 0040-WHA-3523 REG 4 - 8 7/17/2003 FWEC 2003	EBS 096 H27 0040-WHA-3524 FD 4 - 8 7/17/2003 FWEC 2003	EBS 096 H28 0040-WHA-3525 REG 0 - 0.5 7/17/2003 FWEC 2003
Volatile Organic Compounds (µg/kg)												
acetone	*											
benzene												
bromodichloromethane												
bromoform												
bromomethane												
2-butanone												
carbon disulfide												
carbon tetrachloride												
chlorobenzene												
chlorodibromomethane												
chloroethane												
chloroform												
chloromethane												
1,2-dibromoethane												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene												
1,1-dichloroethane												
1,2-dichloroethane												
1,1-dichloroethene												
1,2-dichloroethene												
1,2-dichloropropane												
cis-1,3-dichloropropene												
trans-1,3-dichloropropene												
ethylbenzene												
2-hexanone												
4-methyl-2-pentanone												
methylene chloride												
styrene												
1,1,2,2-tetrachloroethane												
tetrachloroethene												
toluene												
1,1,1-trichloroethane												
1,1,2-trichloroethane												
trichloroethene												
vinyl acetate												
vinyl chloride												
xylenes, total												
Petroleum Hydrocarbons (µg/kg)												
petroleum hydrocarbons, total recoverable												

Table A2-4
AOC 4 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE											
	EBS 097 32EDC-5-88 C032CB44 REG 2 - 4 5/16/2002 BEI 2003a	EBS 097 32EDC-5-88 C032CB45 REG 4 - 8 5/16/2002 BEI 2003a	EBS 096 32EDC-5-89 C032CB48 REG 2 - 4 5/20/2002 BEI 2003a	EBS 096 32EDC-5-89 C032CB49 REG 4 - 8 5/20/2002 BEI 2003a	EBS 098 H26 0040-WHA-3518 REG 0 - 0.5 7/17/2003 FWEC 2003	EBS 098 H26 0040-WHA-3519 REG 0.5 - 2 7/17/2003 FWEC 2003	EBS 096 H27 0040-WHA-3520 REG 0 - 0.5 7/17/2003 FWEC 2003	EBS 096 H27 0040-WHA-3521 REG 0.5 - 2 7/17/2003 FWEC 2003	EBS 096 H27 0040-WHA-3522 REG 2 - 4 7/17/2003 FWEC 2003	EBS 096 H27 0040-WHA-3523 REG 4 - 8 7/17/2003 FWEC 2003	EBS 096 H27 0040-WHA-3524 FD 4 - 8 7/17/2003 FWEC 2003	EBS 096 H28 0040-WHA-3525 REG 0 - 0.5 7/17/2003 FWEC 2003
Semivolatile Organic Compounds (µg/kg)												
acenaphthene	5.8 UJ	6.1 UJ	5.6 U	150	9	5.1 U	5.2 U	5.2 U	6 U	6.4 UJ	6 U	1.8 J
acenaphthylene	2.4 J		2.1 J	250	12	5.1 U	2.5 J	3.6 J	4.7 U	5.2 UJ	6 U	3.5 J
anthracene	2.7 J	0.51 J	3.3 J	510	27 J	1.7 J	3.7 J	4.6 J	6 U	6.4 UJ	6 U	7.8
benz(a)anthracene	11 J	1.8 J	11	1,300	100	14	29	65	6 U	3.3 J	9.3	54
benzo(b)fluoranthene	9.6 J	2.1 J	15	970	130	28	61	140	2.7 J	9.4 J	18	99
benzo(k)fluoranthene	13 J	1.6 J	16	1,000	46	7.2	15	54	6 U	3.2 J	12 J	40
benzoic acid												
benzo(g,h,i)perylene	14 J	2.1 J	28	1,100	120	30	46	95 J	3.3 J	8.5 J	15	96
benzo(a)pyrene	16 J	2.3 J	22	1,700	130	23	41	95	11	16 J	16	75
benzyl alcohol												
bis(2-chloroethoxy)methane												
bis(2-chloroethyl)ether												
bis(2-chloro-1-methylethyl)ether												
bis(2-ethylhexyl)phthalate												
4-bromophenyl phenyl ether												
butyl benzyl phthalate												
4-chloroaniline												
4-chloro-3-methylphenol												
2-chloronaphthalene												
2-chlorophenol												
4-chlorophenyl phenyl ether												
chrysene	12 J	1.8 J	17	1,300	110	17	39	70	1.4 J	3.3 J	11	68
dibenz(a,h)anthracene	3.1 J	0.37 J	5.6 U	130	15	5.1 U	5.2 U	5.2 UJ	6 UJ	6.4 UJ	5.9 J	22
di-n-butyl phthalate												
dibenzofuran												
3,3'-dichlorobenzidine												
2,4-dichlorophenol												
diethyl phthalate												
2,4-dimethylphenol												
dimethyl phthalate												
4,6-dinitro-2-methylphenol												
2,4-dinitrophenol												
2,4-dinitrotoluene												
2,6-dinitrotoluene												
di-n-octyl phthalate												
fluoranthene	30	5.5 J	34	3,900	220	27	50	98	2.4 J	5.1 J	19	90
fluorene	5.8 UJ	6.1 UJ	5.6 U	250	4.3 J	5.1 U	5.2 U	5.2 U	6 U	6.4 UJ	6 U	1.8 J
hexachlorobenzene												
hexachlorobutadiene												
hexachlorocyclopentadiene												
hexachloroethane												
indeno(1,2,3-cd)pyrene	14 J	2.1 J	22	1,100	110 J	24 J	38 J	96 J	8.1 J	12 J	13	87
isophorone												

Table A2-4
AOC 4 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE											
	EBS 097 32EDC-5-88 C032CB44 REG 2 - 4 5/16/2002 BEI 2003a	EBS 097 32EDC-5-88 C032CB45 REG 4 - 8 5/16/2002 BEI 2003a	EBS 096 32EDC-5-89 C032CB48 REG 2 - 4 5/20/2002 BEI 2003a	EBS 096 32EDC-5-89 C032CB49 REG 4 - 8 5/20/2002 BEI 2003a	EBS 098 H26 0040-WHA-3518 REG 0 - 0.5 7/17/2003 FWEC 2003	EBS 098 H26 0040-WHA-3519 REG 0.5 - 2 7/17/2003 FWEC 2003	EBS 096 H27 0040-WHA-3520 REG 0 - 0.5 7/17/2003 FWEC 2003	EBS 096 H27 0040-WHA-3521 REG 0.5 - 2 7/17/2003 FWEC 2003	EBS 096 H27 0040-WHA-3522 REG 2 - 4 7/17/2003 FWEC 2003	EBS 096 H27 0040-WHA-3523 REG 4 - 8 7/17/2003 FWEC 2003	EBS 096 H27 0040-WHA-3524 FD 4 - 8 7/17/2003 FWEC 2003	EBS 096 H28 0040-WHA-3525 REG 0 - 0.5 7/17/2003 FWEC 2003
Semivolatile Organic Compounds (µg/kg) (continued)												
2-methylnaphthalene	5.8 UJ	6.1 UJ	5.6 U	35	5.1 U	5.1 U	5.2 U	5.2 U	6 U	6.4 UJ	6 U	5.2 U
2-methylphenol												
4-methylphenol												
naphthalene	0.84 J	6.1 UJ	5.6 U	60	3.8 J	5.1 U	1.7 J	2.7 J	6 U	6.4 UJ	6 U	2.4 J
2-nitroaniline												
3-nitroaniline												
4-nitroaniline												
nitrobenzene												
2-nitrophenol												
4-nitrophenol												
N-nitrosodiphenylamine												
N-nitroso-di-n-propylamine												
pentachlorophenol												
phenanthrene	18	5.5 J	18	4,000	150 J	8.4 J	20 J	18	6 U	6.4 UJ	6.3	42
phenol												
pyrene	38	6.6	46	4,600	270	33	57	96	4.4 J	9.6 J	21	86
1,2,4-trichlorobenzene												
2,4,5-trichlorophenol												
2,4,6-trichlorophenol												
Pesticides/Polychlorinated Biphenyls (µg/kg)												
aldrin												
Aroclor 1016												
Aroclor 1221												
Aroclor 1232												
Aroclor 1242												
Aroclor 1248												
Aroclor 1254												
Aroclor 1260												
alpha-BHC												
beta-BHC												
delta-BHC												
gamma-BHC (lindane)												
alpha-chlordane												
gamma-chlordane												
4,4'-DDD												
4,4'-DDE												
4,4'-DDT												
dieldrin												
endosulfan I												
endosulfan II												
endosulfan sulfate												

Table A2-4
AOC 4 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE											
	EBS 097 32EDC-5-88 C032CB44 REG 2 - 4 5/16/2002 BEI 2003a	EBS 097 32EDC-5-88 C032CB45 REG 4 - 8 5/16/2002 BEI 2003a	EBS 096 32EDC-5-89 C032CB48 REG 2 - 4 5/20/2002 BEI 2003a	EBS 096 32EDC-5-89 C032CB49 REG 4 - 8 5/20/2002 BEI 2003a	EBS 098 H26 0040-WHA-3518 REG 0 - 0.5 7/17/2003 FWEC 2003	EBS 098 H26 0040-WHA-3519 REG 0.5 - 2 7/17/2003 FWEC 2003	EBS 096 H27 0040-WHA-3520 REG 0 - 0.5 7/17/2003 FWEC 2003	EBS 096 H27 0040-WHA-3521 REG 0.5 - 2 7/17/2003 FWEC 2003	EBS 096 H27 0040-WHA-3522 REG 2 - 4 7/17/2003 FWEC 2003	EBS 096 H27 0040-WHA-3523 REG 4 - 8 7/17/2003 FWEC 2003	EBS 096 H27 0040-WHA-3524 FD 4 - 8 7/17/2003 FWEC 2003	EBS 096 H28 0040-WHA-3525 REG 0 - 0.5 7/17/2003 FWEC 2003
Pesticides/Polychlorinated Biphenyls (µg/kg) (continued)												
endrin												
endrin ketone												
heptachlor												
heptachlor epoxide												
methoxychlor												
toxaphene												
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)												
aluminum												
antimony												
arsenic												
barium												
beryllium												
cadmium												
calcium												
chromium												
cobalt												
copper												
iron												
lead												
magnesium												
manganese												
mercury												
nickel												
potassium												
selenium												
silver												
sodium												
thallium												
vanadium												
zinc												

Table A2-4
AOC 4 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE										
	EBS 096 H28 0040-WHA-3526 REG 0.5 - 2 7/17/2003 FWEC 2003	EBS 096 H28 0040-WHA-3527 REG 2 - 4 7/17/2003 FWEC 2003	EBS 096 H28 0040-WHA-3528 REG 4 - 8 7/17/2003 FWEC 2003	EBS 096 H29 0040-WHA-3529 REG 0 - 0.5 7/17/2003 FWEC 2003	EBS 096 H29 0040-WHA-3530 REG 0.5 - 2 7/17/2003 FWEC 2003	EBS 096 H29 0040-WHA-3531 REG 2 - 4 7/17/2003 FWEC 2003	EBS 096 H29 0040-WHA-3532 REG 4 - 8 7/17/2003 FWEC 2003	EBS 096 H30 0040-WHA-3533 REG 0 - 0.5 7/17/2003 FWEC 2003	EBS 096 H30 0040-WHA-3534 REG 0.5 - 2 7/17/2003 FWEC 2003	EBS 096 H30 0040-WHA-3535 REG 2 - 4 7/17/2003 FWEC 2003	EBS 096 H30 0040-WHA-3536 REG 4 - 8 7/17/2003 FWEC 2003
Volatile Organic Compounds (µg/kg)											
acetone											
benzene											
bromodichloromethane											
bromoform											
bromomethane											
2-butanone											
carbon disulfide											
carbon tetrachloride											
chlorobenzene											
chlorodibromomethane											
chloroethane											
chloroform											
chloromethane											
1,2-dibromoethane											
1,2-dichlorobenzene											
1,3-dichlorobenzene											
1,4-dichlorobenzene											
1,1-dichloroethane											
1,2-dichloroethane											
1,1-dichloroethene											
1,2-dichloroethene											
1,2-dichloropropane											
cis-1,3-dichloropropene											
trans-1,3-dichloropropene											
ethylbenzene											
2-hexanone											
4-methyl-2-pentanone											
methylene chloride											
styrene											
1,1,2,2-tetrachloroethane											
tetrachloroethene											
toluene											
1,1,1-trichloroethane											
1,1,2-trichloroethane											
trichloroethene											
vinyl acetate											
vinyl chloride											
xylenes, total											
Petroleum Hydrocarbons (µg/kg)											
petroleum hydrocarbons, total recoverable											

Table A2-4
AOC 4 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE										
	EBS 096 H28 0040-WHA-3526 REG 0.5 - 2 7/17/2003 FWEC 2003	EBS 096 H28 0040-WHA-3527 REG 2 - 4 7/17/2003 FWEC 2003	EBS 096 H28 0040-WHA-3528 REG 4 - 8 7/17/2003 FWEC 2003	EBS 096 H29 0040-WHA-3529 REG 0 - 0.5 7/17/2003 FWEC 2003	EBS 096 H29 0040-WHA-3530 REG 0.5 - 2 7/17/2003 FWEC 2003	EBS 096 H29 0040-WHA-3531 REG 2 - 4 7/17/2003 FWEC 2003	EBS 096 H29 0040-WHA-3532 REG 4 - 8 7/17/2003 FWEC 2003	EBS 096 H30 0040-WHA-3533 REG 0 - 0.5 7/17/2003 FWEC 2003	EBS 096 H30 0040-WHA-3534 REG 0.5 - 2 7/17/2003 FWEC 2003	EBS 096 H30 0040-WHA-3535 REG 2 - 4 7/17/2003 FWEC 2003	EBS 096 H30 0040-WHA-3536 REG 4 - 8 7/17/2003 FWEC 2003
Semivolatile Organic Compounds (µg/kg)											
acenaphthene	5.1 U	5.7 U	5.9 U	2.2 J	5.1 U	4.6 J	9.3 J	1.8 J	5.1 U	5.4 U	110 U
acenaphthylene	1.8 J	4.4 J	5.9 U	6.1	4 J	20	36 J	3 J	1.6 J	1.3 J	150
anthracene	1.6 J	5.7 U	5.9 U	12	6.4	38	41 J	5.1 J	5.1 U	5.4 U	160
benz(a)anthracene	19	3.1 J	5.9 U	80	46	96	620 J	29	16	9	1,100
benzo(b)fluoranthene	37	5.3 J	6.7	120	63	110	910 J	57	28	20	1,400
benzo(k)fluoranthene	12	2.3 J	5.9 U	48	25	38	360 J	21	8.5	5.9	1,100
benzoic acid											
benzo(g,h,i)perylene	42	3.8 J	2 J	120	56	68	870 J	52	37	16	1,300
benzo(a)pyrene	29	10	8.4 J	100	59	96 J	910 J	49	29	22 J	2,000
benzyl alcohol											
bis(2-chloroethoxy)methane											
bis(2-chloroethyl)ether											
bis(2-chloro-1-methylethyl)ether											
bis(2-ethylhexyl)phthalate											
4-bromophenyl phenyl ether											
butyl benzyl phthalate											
4-chloroaniline											
4-chloro-3-methylphenol											
2-chloronaphthalene											
2-chlorophenol											
4-chlorophenyl phenyl ether											
chrysene	23	3 J	5.9 U	92	48	100	610 J	36	17	10	1,200
dibenz(a,h)anthracene	5.1 U	5.7 U	5.9 U	24	5.1 U	8.2	64 J	5.6 U	5.1 U	5.4 U	56 J
di-n-butyl phthalate											
dibenzofuran											
3,3'-dichlorobenzidine											
2,4-dichlorophenol											
diethyl phthalate											
2,4-dimethylphenol											
dimethyl phthalate											
4,6-dinitro-2-methylphenol											
2,4-dinitrophenol											
2,4-dinitrotoluene											
2,6-dinitrotoluene											
di-n-octyl phthalate											
fluoranthene	39	3.4 J	5.9 UJ	140	80	230 J	990 J	64	26	16 J	2900
fluorene	5.1 U	5.7 U	5.9 U	2.6 J	5.1 U	9.9	42 UJ	1.9 J	5.1 U	5.4 U	110 U
hexachlorobenzene											
hexachlorobutadiene											
hexachlorocyclopentadiene											
hexachloroethane											
indeno(1,2,3-cd)pyrene	40	8.8	8.4	110	55	53	570 J	50	33	16	1,100
isophorone											

Table A2-4
AOC 4 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE										
	EBS 096 H28 0040-WHA-3526 REG 0.5 - 2 7/17/2003 FWEC 2003	EBS 096 H28 0040-WHA-3527 REG 2 - 4 7/17/2003 FWEC 2003	EBS 096 H28 0040-WHA-3528 REG 4 - 8 7/17/2003 FWEC 2003	EBS 096 H29 0040-WHA-3529 REG 0 - 0.5 7/17/2003 FWEC 2003	EBS 096 H29 0040-WHA-3530 REG 0.5 - 2 7/17/2003 FWEC 2003	EBS 096 H29 0040-WHA-3531 REG 2 - 4 7/17/2003 FWEC 2003	EBS 096 H29 0040-WHA-3532 REG 4 - 8 7/17/2003 FWEC 2003	EBS 096 H30 0040-WHA-3533 REG 0 - 0.5 7/17/2003 FWEC 2003	EBS 096 H30 0040-WHA-3534 REG 0.5 - 2 7/17/2003 FWEC 2003	EBS 096 H30 0040-WHA-3535 REG 2 - 4 7/17/2003 FWEC 2003	EBS 096 H30 0040-WHA-3536 REG 4 - 8 7/17/2003 FWEC 2003
Semivolatile Organic Compounds (µg/kg) (continued)											
2-methylnaphthalene	5.1 U	5.7 UJ	5.9 U	5.6 U	5.1 U	5.6 U	42 UJ	5.6 U	5.1 U	5.4 U	110 U
2-methylphenol											
4-methylphenol											
naphthalene	2.1 J	5.7 U	5.9 U	3.2 J	1.8 J	6.2	32 J	3.3 J	1.9 J	5.4 U	71 J
2-nitroaniline											
3-nitroaniline											
4-nitroaniline											
nitrobenzene											
2-nitrophenol											
4-nitrophenol											
N-nitrosodiphenylamine											
N-nitroso-di-n-propylamine											
pentachlorophenol											
phenanthrene	9.6	5.7 U	5.9 U	57	28	240	120 J	28	7.7	5.5	560
phenol											
pyrene	45	4.6 J	1.8 J	140	86	340	2,300 J	67	34	34	4,400
1,2,4-trichlorobenzene											
2,4,5-trichlorophenol											
2,4,6-trichlorophenol											
Pesticides/Polychlorinated Biphenyls (µg/kg)											
aldrin											
Aroclor 1016											
Aroclor 1221											
Aroclor 1232											
Aroclor 1242											
Aroclor 1248											
Aroclor 1254											
Aroclor 1260											
alpha-BHC											
beta-BHC											
delta-BHC											
gamma-BHC (lindane)											
alpha-chlordane											
gamma-chlordane											
4,4'-DDD											
4,4'-DDE											
4,4'-DDT											
dieldrin											
endosulfan I											
endosulfan II											
endosulfan sulfate											

Table A2-4
AOC 4 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE										
	EBS 096 H28 0040-WHA-3526 REG 0.5 - 2 7/17/2003 FWEC 2003	EBS 096 H28 0040-WHA-3527 REG 2 - 4 7/17/2003 FWEC 2003	EBS 096 H28 0040-WHA-3528 REG 4 - 8 7/17/2003 FWEC 2003	EBS 096 H29 0040-WHA-3529 REG 0 - 0.5 7/17/2003 FWEC 2003	EBS 096 H29 0040-WHA-3530 REG 0.5 - 2 7/17/2003 FWEC 2003	EBS 096 H29 0040-WHA-3531 REG 2 - 4 7/17/2003 FWEC 2003	EBS 096 H29 0040-WHA-3532 REG 4 - 8 7/17/2003 FWEC 2003	EBS 096 H30 0040-WHA-3533 REG 0 - 0.5 7/17/2003 FWEC 2003	EBS 096 H30 0040-WHA-3534 REG 0.5 - 2 7/17/2003 FWEC 2003	EBS 096 H30 0040-WHA-3535 REG 2 - 4 7/17/2003 FWEC 2003	EBS 096 H30 0040-WHA-3536 REG 4 - 8 7/17/2003 FWEC 2003
Pesticides/Polychlorinated Biphenyls (µg/kg) (continued)											
endrin											
endrin ketone											
heptachlor											
heptachlor epoxide											
methoxychlor											
toxaphene											
Herbicides (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organotins (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)											
aluminum											
antimony											
arsenic											
barium											
beryllium											
cadmium											
calcium											
chromium											
cobalt											
copper											
iron											
lead											
magnesium											
manganese											
mercury											
nickel											
potassium											
selenium											
silver											
sodium											
thallium											
vanadium											
zinc											

Continue

Table A2-4
AOC 4 Previous Investigations Data – Soil

Analyte	EBS PARCEL/STATION ID/SAMPLE ID/SAMPLE TYPE/DEPTH INTERVAL (feet bgs)/SAMPLING DATE/REFERENCE										
	EBS 096 H30 0040-WHA-3537 FD 0.5 - 2 7/17/2003 FWEC 2003	EBS 096 H31 0040-WHA-3540 REG 2 - 4 7/17/2003 FWEC 2003	EBS 096 H31 0040-WHA-3541 REG 4 - 8 7/17/2003 FWEC 2003	EBS 096 H31 0040-WHA-5084 REG 0 - 0.5 8/11/2003 FWEC 2003	EBS 096 H31 0040-WHA-5085 REG 0 - 0.5 8/11/2003 FWEC 2003	EBS 096 H31 0040-WHA-6111 REG 0.5 - 2 8/18/2003 FWEC 2003	EBS 096 H31 0040-WHA-6112 REG 0.5 - 2 8/18/2003 FWEC 2003	EBS 096 H32 0040-WHA-3542 REG 0 - 0.5 7/17/2003 FWEC 2003	EBS 096 H32 0040-WHA-3543 REG 0.5 - 2 7/17/2003 FWEC 2003	EBS 096 H32 0040-WHA-3544 REG 2 - 4 7/17/2003 FWEC 2003	EBS 096 H32 0040-WHA-3545 REG 4 - 8 7/17/2003 FWEC 2003
Volatile Organic Compounds (µg/kg)											
acetone											
benzene											
bromodichloromethane											
bromoform											
bromomethane											
2-butanone											
carbon disulfide											
carbon tetrachloride											
chlorobenzene											
chlorodibromomethane											
chloroethane											
chloroform											
chloromethane											
1,2-dibromoethane											
1,2-dichlorobenzene											
1,3-dichlorobenzene											
1,4-dichlorobenzene											
1,1-dichloroethane											
1,2-dichloroethane											
1,1-dichloroethene											
1,2-dichloroethene											
1,2-dichloropropane											
cis-1,3-dichloropropene											
trans-1,3-dichloropropene											
ethylbenzene											
2-hexanone											
4-methyl-2-pentanone											
methylene chloride											
styrene											
1,1,2,2-tetrachloroethane											
tetrachloroethene											
toluene											
1,1,1-trichloroethane											
1,1,2-trichloroethane											
trichloroethene											
vinyl acetate											
vinyl chloride											
xylenes, total											
Petroleum Hydrocarbons (µg/kg)											
petroleum hydrocarbons, total recoverable											