

Table 2-2
Summary of B-11 Pre- and Post-Excavation Soil Sampling Results
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Analyte	B-11 Pre-Remedial Action Subsurface Soils							B-11 Post-Excavation Confirmation Samples						
	n Detect	n Samples	% Detect	Minimum (mg/kg)	Maximum (mg/kg)	Location of Maximum	Depth	n Detect	n Samples	% Detect	Minimum (mg/kg)	Maximum (mg/kg)	Location of Maximum	Depth
1,1,1-Trichloroethane	3	80	4%	0.083	0.7	BOR11B10-C	10-11.8'	4	25	16%	0.0029	0.656	B11PE-2-49	NA
1,1,2,2-Tetrachloroethane	1	80	1%	0.094	0.094	TRB1-1	5-5.6'	3	26	12%	0.0023	0.0042	B11PE-2-52	NA
1,1,2-Trichloro-1,2,2-trifluoroethane								3	19	16%	0.0012	0.0081	B11PE-2-49	NA
1,1,2-Trichloroethane	1	80	1%	0.023	0.023	BOR11B10-C	10-11.8'	3	26	12%	0.0021	0.0034	B11PE-2-52	NA
1,1-Dichloroethane	2	80	3%	0.003	0.009	TRB1-1	5-5.6'	2	25	8%	0.002	0.0049	B11PE-2-49	NA
1,1-Dichloroethene	2	80	3%	0.0014	0.032	BOR11B10-B	4-5.2'	2	25	8%	0.0024	0.0142	B11PE-2-49	NA
1,2,3-Trichloropropane	1	1	100%	0.26	0.26	TRB1-1	5-5.6'							
1,2-Dibromo-3-chloropropane								1	26	4%	0.0037	0.0037	B11PE-2-3	NA
1,2-Dibromoethane (EDB)								1	25	4%	0.0083	0.0083	B11PE-2-52	NA
1,2-Dichloroethane	2	80	3%	0.082	0.17	BOR11B10-C	10-11.8'	1	25	4%	0.0103	0.0103	B11PE-2-17	NA
1,2,4-Trichlorobenzene								14	26	54%	0.0025	532	B11PE-2-58	NA
2-Butanone	22	80	28%	0.002	6	EXCVS05-1	8-8.5'	14	25	56%	0.0019	20.631	B11WC-1-145	NA
2-Hexanone	7	80	9%	0.008	0.029	BOR11B19-C	18-18.4'	2	26	8%	0.0012	0.0231	B11PE-2-3	NA
4-Methyl-2-pentanone	2	80	3%	0.0041	0.016	EXCVS05-1	8-8.5'	5	26	19%	0.0019	10.165	B11WC-1-140	NA
Acetone	71	80	89%	0.003	1	EXCVS05-1	8-8.5'	25	25	100%	0.0042	3.835	B11WC-1-145	NA
Benzene	17	80	21%	0.001	4	BOR11B19-C	18-18.4'	7	26	27%	0.0013	0.255	B11PE-2-55	NA
Bromochloromethane	1	71	1%	0.049	0.049	BOR11B10-C	10-11.8'							
Bromoform								1	25	4%	0.0012	0.0012	B11PE-2-46	NA
Bromomethane								2	25	8%	0.406	0.59	B11PE-2-55	NA
Carbon disulfide	3	80	4%	0.0038	0.21	EXCVS05-1	8-8.5'	2	25	8%	0.0125	0.634	B11PE-2-9	NA
Carbon tetrachloride	1	80	1%	0.088	0.088	BOR11B10-C	10-11.8'	3	25	12%	0.004	0.129	B11PE-2-55	NA
Chlorobenzene	2	80	3%	0.011	0.05	TRB1-1	5-5.6'	4	26	15%	0.0012	0.114	B11PE-2-9	NA
Chloroethane														
Chloroform	17	80	21%	0.001	0.14	TRB1-1	5-5.6'	12	26	46%	0.0015	0.73	B11PE-2-17	NA
Chloromethane	1	80	1%	6	6	BOR11B20-H	35-37'							
cis-1,2-Dichloroethene	8	80	10%	0.002	0.26	TRB1-1	5-5.6'	4	25	16%	0.0011	0.15	B11PE-2-55	NA
Ethylbenzene	8	80	10%	0.004	0.9	TRB1-1	5-5.6'	11	26	42%	0.0012	14.6	B11PE-2-55	NA
m- & p-Xylene	16	71	23%	0.002	4	EXCVS05-1	8-8.5'							
Methylene chloride	22	80	28%	0.001	0.099	BOR11B19-C	18-18.4'	26	26	100%	0.0038	0.397	B11WC-1-142	NA
o-Xylene	10	71	14%	0.003	0.22	EXCVS05-1	8-8.5'							
Styrene	10	80	13%	0.002	0.006	BORE11B1-H	35-37'	3	26	12%	0.0024	0.0597	B11PE-2-55	NA
Tetrachloroethene	14	80	18%	0.002	0.7	TRB1-1	5-5.6'	11	25	44%	0.0017	175	B11PE-2-55	NA
Toluene	16	80	20%	0.001	2	TRB1-1	5-5.6'	9	26	35%	0.0061	4.8	B11PE-2-55	NA
Trichloroethene	17	80	21%	0.003	8	BOR11B20-I	35-37'	8	25	32%	0.0147	153	B11PE-2-55	NA
Trichlorofluoromethane	1	10	10%	0.013	0.013	TRB1-1	5-5.6'	4	25	16%	0.0019	0.0085	B11PE-2-11	NA
Xylenes (total)	2	25	8%	0.12	6	TRB1-1	5-5.6'	15	26	58%	0.0012	73.1	B11PE-2-55	NA
1,2,4-Trichlorobenzene	2	80	3%	0.019	200	TRB1-1	5-5.6'							
1,2-Dichlorobenzene	1	80	1%	0.76	0.76	TRB1-1	5-5.6'							
1,4-Dichlorobenzene	1	80	1%	0.089	0.089	TRB1-1	5-5.6'							
2,4,5-Trichlorophenol	1	80	1%	600	600	TRB1-1	5-5.6'	6	26	23%	0.0363	0.83	B11WC-1-139	NA
2,4,6-Trichlorophenol								4	26	15%	0.205	0.33	B11WC-1-139	NA
2,4-Dichlorophenol	1	80	1%	4.5	4.5	TRB1-1	5-5.6'	2	26	8%	0.0792	0.116	B11PE-2-59	NA
2,4-Dimethylphenol	1	80	1%	50	50	EXCVS05-1	8-8.5'	1	26	4%	0.0363	0.0363	B11PE-2-14	NA
2,4-Dinitrotoluene								2	26	8%	0.0363	0.129	B11PE-2-16	NA
2-Chloronaphthalene								3	26	12%	0.033	0.795	B11PE-2-56	NA
2-Methylnaphthalene	5	80	6%	0.079	20	BOR11B16-C	10-12'	5	26	19%	0.0693	2.6	B11PE-2-24	NA
2-Methylphenol								1	26	4%	0.0594	0.0594	B11PE-2-14	NA
2-Nitroaniline								2	26	8%	0.264	0.83	B11WC-1-139	NA
2-Nitrophenol								1	26	4%	0.0528	0.0528	B11PE-2-24	NA
3,3'-Dichlorobenzidine								1	26	4%	0.0462	0.0462	B11PE-2-56	NA

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	n Detect	n Samples	% Detect	Minimum (mg/kg)	Maximum (mg/kg)	Location of Maximum	Depth	n Detect	n Samples	% Detect	Minimum (mg/kg)	Maximum (mg/kg)	Location of Maximum	Depth
3-Nitroaniline								2	26	8%	0.259	0.83	B11WC-1-139	NA
4-Chloro-3-methylphenol								1	26	4%	0.0462	0.0462	B11PE-2-16	NA
4-Chloroaniline	1	80	1%	20	20	EXCVS05-1	8-8.5'	2	26	8%	0.0957	0.109	B11PE-2-16	NA
4-Chlorophenyl phenyl ether								1	26	4%	0.116	0.116	B11PE-2-16	NA
4-Methylphenol	2	80	3%	0.9	20	EXCVS05-1	8-8.5'							
4-Nitroaniline								7	26	27%	0.0462	0.83	B11WC-1-139	NA
4-Nitrophenol								3	26	12%	0.0594	0.343	B11PE-2-1	NA
Acenaphthene	2	80	3%	0.29	2	BOR11B16-C	10-12'	2	26	8%	0.066	0.403	B11PE-2-24	NA
Acenaphthylene								1	26	4%	0.0495	0.0495	B11PE-2-16	NA
Anthracene	1	80	1%	5	5	BOR11B16-C	10-12'	2	26	8%	0.07	0.974	B11PE-2-24	NA
Benz(a)anthracene														
Benzo(a)pyrene								1	26	4%	0.0759	0.0759	B11PE-2-56	NA
Benzo(b)fluoranthene														
Benzo(g,h,i)perylene														
Benzo(k)fluoranthene								1	26	4%	0.142	0.142	B11PE-2-56	NA
Benzoic acid	7	10	70%	0.019	0.97	TRB1-1	5-5.6'							
bis(2-Chloroethyl)ether								2	26	8%	0.0462	5.54	B11PE-2-59	NA
bis(2-Ethylhexyl)phthalate	57	80	71%	0.014	300	EXCVS05-1	8-8.5'	15	26	58%	0.0495	8.666	B11WC-1-138	NA
bis(Chloroisopropyl)ether														
Butylbenzylphthalate	1	80	1%	0.033	0.033	BOR11B16-G	30-32'	5	26	19%	0.072	0.33	B11WC-1-139	NA
Carbazole								2	26	8%	0.33	0.457	B11WC-1-138	NA
Chrysene	1	80	1%	0.2	0.2	BOR11B16-C	10-12'	1	26	4%	0.132	0.132	B11PE-2-56	NA
Dibenzofuran								1	26	4%	0.0693	0.0693	B11PE-2-16	NA
Diethylphthalate	8	80	10%	0.015	2000	TRB1-1	5-5.6'	12	26	46%	0.0693	0.452	B11WC-1-143	NA
Dimethylphthalate								3	26	12%	0.074	0.33	B11WC-1-139	NA
Di-n-butylphthalate	62	80	78%	0.019	40	TRB1-1	5-5.6'	26	26	100%	0.102	2.73	B11WC-1-143	NA
Di-n-octylphthalate	1	80	1%	0.017	0.017	BOR11B19-C	18-18.4'	1	26	4%	0.0361	0.0361	B11PE-2-44	NA
Fluoranthene	3	80	4%	0.1	10	EXCVS05-1	8-8.5'	6	26	23%	0.0396	0.362	B11WC-1-138	NA
Fluorene	2	80	3%	0.5	3	BOR11B16-C	10-12'	3	26	12%	0.0363	0.37	B11PE-2-16	NA
Hexachlorobenzene								8	26	31%	0.0495	0.872	B11WC-1-138	NA
Hexachloroethane								1	26	4%	0.178	0.178	B11PE-2-24	NA
Indeno(1,2,3-cd)pyrene								1	26	4%	0.0462	0.0462	B11PE-2-56	NA
Isophorone								3	26	12%	0.0726	0.274	B11PE-2-24	NA
Naphthalene	9	80	11%	0.016	40	TRB1-1	5-5.6'	2	26	8%	0.261	0.281	B11PE-2-24	NA
Nitrobenzene								8	26	31%	0.0462	0.735	B11WC-1-138	NA
N-nitrosodi-n-propylamine								2	26	8%	0.0693	0.238	B11PE-2-14	NA
N-nitrosodiphenylamine	1	80	1%	0.22	0.22	TRB1-1	5-5.6'	4	26	15%	0.0627	3.12	B11PE-2-14	NA
Pentachlorophenol	1	80	1%	0.58	0.58	TRB1-1	5-5.6'	7	26	27%	0.0396	0.83	B11WC-1-139	NA
Phenanthrene	6	80	8%	0.023	10	EXCVS05-1	8-8.5'	9	26	35%	0.0462	1.74	B11PE-2-24	NA
Phenol								16	26	62%	0.0462	9.87	B11PE-2-59	NA
Pyrene	4	80	5%	0.016	0.5	BOR11B16-C	10-12'	4	26	15%	0.0363	0.33	B11WC-1-145	NA
4,4'-DDD	2	71	3%	0.224	0.314	EXCVS03-1	10-10.5'	16	26	62%	0.0056	2780	B11PE-2-7	NA
4,4'-DDE	4	71	6%	0.000487	0.293	BORE11B8-B	5-7'	14	26	54%	0.00039	11600	B11PE-2-11	NA
4,4'-DDT	2	71	3%	0.124	0.249	BORE11B8-B	5-7'	6	20	30%	0.0066	6.178	B11WC-1-145	NA
Aldrin	2	71	3%	0.00104	0.00282	BOR11B16-D	15-17'	4	20	20%	0.0702	5.486	B11WC-1-145	NA
alpha-BHC	1	71	1%	0.000136	0.000136	BOR11B15-C	15-17'							
alpha-Chlordane								1	20	5%	0.188	0.188	B11WC-1-143	NA
beta-BHC	1	71	1%	0.0253	0.0253	BOR11B16-D	15-17'							
delta-BHC	1	71	1%	0.0000854	0.0000854	BORE11B5-C	10-12'	2	20	10%	0.0033	0.682	B11WC-1-138	NA
Dieldrin								5	20	25%	0.0066	3.83	B11PE-2-59	NA

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	n Detect	n Samples	% Detect	Minimum (mg/kg)	Maximum (mg/kg)	Location of Maximum	Depth	n Detect	n Samples	% Detect	Minimum (mg/kg)	Maximum (mg/kg)	Location of Maximum	Depth
Endosulfan II														
Endosulfan I	1	71	1%	0.00127	0.00127	BOR11B15-D	20-22'	3	20	15%	0.0052	0.0161	B11PE-2-53	NA
Endosulfan sulfate	10	71	14%	0.0013	0.0182	BORE11B3-B	4-5'	2	20	10%	0.0066	1.004	B11WC-1-138	NA
Endrin aldehyde	1	71	1%	0.0124	0.0124	EXCVS06-1	7-7.5'	4	20	20%	0.0066	1.803	B11WC-1-145	NA
Endrin ketone								5	20	25%	0.0066	3.726	B11WC-1-138	NA
Endrin								13	23	57%	0.00071	524	B11PE-2-7	NA
gamma-Chlordane								2	20	10%	0.0033	0.777	B11WC-1-138	NA
Heptachlor epoxide	2	71	3%	0.00243	4.4	EXCVS05-1	8-8.5'	4	20	20%	0.0033	10.873	B11WC-1-145	NA
Heptachlor								1	20	5%	1.098	1.098	B11WC-1-145	NA
Lindane	2	71	3%	0.000546	0.0131	BOR11B16-D	15-17'	3	20	15%	0.0011	0.113	B11PE-2-50	NA
PCB-1016														
PCB-1254	3	71	4%	0.711	86	EXCVS05-1	8-8.5'							
PCB-1260														
2,4,5-T	2	71	3%	0.19	0.622	EXCVS04-1	9-9.5'							
Aluminum	25	25	100%	14500	71000	EXCVS06-1	7-7.5'	18	18	100%	4850	14400	B11PE-2-7	NA
Antimony								1	18	6%	1.3	1.3	B11PE-2-18	NA
Arsenic	18	25	72%	4.6	114	BORE11B4-B	4-6'	17	18	94%	5.5	44.3	B11PE-2-53	NA
Barium	25	25	100%	21.5	4100	TRB1-1	5-5.6'	18	18	100%	19.8	106	B11PE-2-11	NA
Beryllium	25	25	100%	0.503	11.4	BOR11B20-H	35-37'	18	18	100%	0.26	4.6	B11PE-2-7	NA
Cadmium	4	25	16%	0.0855	300	TRB1-1	5-5.6'	2	18	11%	0.2	2.4	B11PE-2-14	NA
Calcium	20	25	80%	59.1	6290	TRB1-1	5-5.6'							
Chromium	25	25	100%	14.9	152	TRB1-1	5-5.6'	18	18	100%	14	105	B11PE-2-53	NA
Cobalt	25	25	100%	3.67	74.3	BORE11B2-C	10-12'	18	18	100%	2.1	44.9	B11PE-2-3	NA
Copper	25	25	100%	10.3	53.1	BOR11B16-D	15-17'	18	18	100%	9	76.9	B11PE-2-24	NA
Iron	25	25	100%	27700	73000	BORE11B5-C	10-12'	18	18	100%	19400	51000	B11PE-2-53	NA
Lead	25	25	100%	14.3	71.4	BORE11B2-C	10-12'	18	18	100%	9.5	895	B11PE-2-56	NA
Magnesium	25	25	100%	345	3390	EXCVS06-1	7-7.5'	18	18	100%	154	875	B11PE-2-59	NA
Manganese	25	25	100%	97.7	3000	BOR11B15-C	15-17'	18	18	100%	92.6	1780	B11PE-2-3	NA
Mercury	21	25	84%	0.0502	31	TRB1-1	5-5.6'	17	18	94%	0.07	8.1	B11PE-2-11	NA
Nickel	25	25	100%	7.2	79.5	BOR11B15-D	20-22'	18	18	100%	4.4	41.6	B11PE-2-20	NA
Selenium	6	25	24%	0.309	20.8	TRB3-4	6-8'	15	18	83%	0.86	3.5	B11PE-2-1	NA
Silver	13	25	52%	0.326	1.71	BOR11B16-D	15-17'	6	18	33%	0.19	0.56	B11PE-2-18	NA
Sodium	18	25	72%	31.7	222	EXCVS06-1	7-7.5'	7	18	39%	165	582	B11PE-2-9	NA
Thallium	16	25	64%	1.25	3.82	BORE11B5-C	10-12'	12	18	67%	1.1	4.2	B11PE-2-24	NA
Vanadium	25	25	100%	25.6	137	BOR11B15-D	20-22'	18	18	100%	20.6	1950	B11PE-2-24	NA
Zinc	25	25	100%	48.2	988	TRB1-1	5-5.6'	18	18	100%	33.3	162	B11PE-2-20	NA
Cyanide	9	25	36%	0.0457	0.227	TRB2-3	2-4'	14	18	78%	0.05	5.7	B11PE-2-56	NA

Underlining denotes soil samples collected from depths that are believed to be below the water table.
Bold font denotes values that exceed the regional risk screening levels.

Key:
mg/kg = milligrams per kilogram
NA = Not Available