TABLE 18 - DETECTED RI SOIL SAMPLE CONCENTRATIONS EXCEEDING EXTENT EVALUATION COMPARISON VALUES - VERTICAL EXTENT OF SOUTH AREA

Sample Location	Sample Depth (ft)	Chemical of Interest	Concentration (mg/kg)	Extent Evaluation Comparison Value[1] (mg/kg)
SA1SB15	1-2	Benzo(a)anthracene	4.21J[2]	2.3
		Benzo(a)pyrene	4.88J	0.23
		Benzo(b)fluoranthene	5.34J	2.3
		Dibenz(a,h)anthracene	0.817	0.23
		Indeno(1,2,3-cd)pyrene	4.37J	2.3
		Lead	395	151
SA2SB16	1-2	Aroclor-1254	3.42	0.83
		Benzo(a)pyrene	2.13J	0.23
		Benzo(b)fluoranthene	2.76J	2.3
		Dibenz(a,h)anthracene	0.322	0.23
		Lead	702	151
SA3SB17	1-2	Aroclor-1254	11.5	0.83
		Benzo(a)pyrene	0.608J	0.23
		Lead	252	151
		Mercury	0.85	0.391
SB2SB22	1-2	Aroclor-1254	2.84	0.83
		Benzo(a)pyrene	0.38J	0.23
SB4SB24	1-2	Aroclor-1254	2.73	0.83
		Benzo(a)pyrene	1.37J	0.23
		Dibenz(a,h)anthracene	0.324	0.23
SC3SB27	1-2	Dibenz(a,h)anthracene	0.606	0.23
SC4SB28	1-2	Benzo(a)pyrene	1.2J	0.23
		Lead	192J	151
SD3SB33	1-2	Benzo(a)pyrene	0.509J	0.23
SD5SB35	1-2	Aroclor-1254	1.41	0.83
		Benzo(a)anthracene	4.79	2.3
		Benzo(a)pyrene	4.45J	0.23
		Benzo(b)fluoranthene	5.97	2.3
		Dibenz(a,h)anthracene	1.23	0.23
		Indeno(1,2,3-cd)pyrene	2.79J	2.3
		Mercury	0.5	0.391
SF2SB44	1-2	Dibenz(a,h)anthracene	0.354J	0.23
SF3SB45	1-2	Arsenic	9.58	8.66
		Benzo(a)pyrene	0.966J	0.23
SF4SB46	1-2	Benzo(a)pyrene	0.921J	0.23
SG4SB56	1-2	Benzo(a)pyrene	0.248J	0.23
SG6SB59	1-2	Benzo(a)pyrene	0.276J	0.23
SI1SB69	1-2	Arsenic	9.38	8.66

Notes:

(1) Extent Evaluation Comparison Values from Table 17.

(2) Data qualifiers: J = estimated value.

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TABLE 19 - SOUTH AREA PHASE 2 RI DEEP SOIL SAMPLE DATA

Sample Location	Sample Depth (ft)	Chemical of Interest	Concentration (mg/kg)	Extent Evaluation Comparison Value[1] (mg/kg)
SA1SB15	4-5	Benzo(a)anthracene	<0.00504	2.3
		Benzo(a)pyrene	0.0269 J[2]	0.23
		Benzo(b)fluoranthene	0.0281 J	2.3
		Dibenz(a,h)anthracene	<0.00655	0.23
		Indeno(1,2,3-cd)pyrene	0.0236 J	2.3
		Lead	12.1	151
SA2SB16	4-5	Aroclor-1254	<0.00579	0.83
		Benzo(a)pyrene	<0.00866	0.23
		Benzo(b)fluoranthene	<0.0118	2.3
		Dibenz(a,h)anthracene	<0.00661	0.23
		Lead	7.88	151
SA3SB17	4-5	Aroclor-1254	<0.00614	0.83
		Benzo(a)pyrene	<0.00928	0.23
		Lead	11.7	151
		Mercury	<0.024	0.391
SB2SB22	4-5	Aroclor-1254	0.0769	0.83
		Benzo(a)pyrene	<0.00986	0.23
SB4SB24	4-5	Aroclor-1254	0.0203 J	0.83
		Benzo(a)pyrene	0.0311 J	0.23
		Dibenz(a,h)anthracene	<0.00734	0.23
SC3SB27	4-5	Dibenz(a,h)anthracene	<0.0068	0.23
SC4SB28	4-5	Benzo(a)pyrene	<0.00899	0.23
		Lead	11.3	151
SD3SB33	4-5	Benzo(a)pyrene	<0.00924	0.23
SD5SB35	4-5	Aroclor-1254	<0.00648	0.83
		Benzo(a)anthracene	<0.00567	2.3
		Benzo(a)pyrene	<0.00966	0.23
		Benzo(b)fluoranthene	<0.0132	2.3
		Dibenz(a,h)anthracene	<0.00737	0.23
		Indeno(1,2,3-cd)pyrene	<0.0141	2.3
		Mercury	<0.028	0.391
SF2SB44	4-5	Dibenz(a,h)anthracene	<0.00752	0.23
SF3SB45	4-5	Arsenic	0.25 J	8.66
		Benzo(a)pyrene	<0.00935	0.23
SF4SB46	4-5	Benzo(a)pyrene	<0.00949	0.23
SG4SB56	4-5	Benzo(a)pyrene	<0.00965	0.23
SG6SB59	4-5	Benzo(a)pyrene	<0.00906	0.23
SI1SB69	4-5	Arsenic	<0.13	8.66

Notes:
(1) Extent Evaluation Comparison Values from Table 17.
(2) Data qualifiers: J = estimated value.

TABLE 20 - LOT 19 / 20 SOIL SAMPLE LEAD CONCENTRATIONS

Sample ID	Lead Concentration (mg/kg)
L19SS01	17.3
L19SS02	18.8
L19SS03	11.2
L19SS04	8.87
L19SS05	12.0
L19SS06	19.3
L19SS07	12.8
L19SS08	12.8
L19SS09	55.3
L19SS10	17.1
L19SS11	12.1
L19SS12	13.5
L19SS13	16.7
L19SS14	16.0
L19SS15	23.2
L19SS16	18.8
L19SS17	175
L20SS01	10.8
L20SS02	222
L20SS03	23.1
L20SS04	462
L20SS05	8.61
L20SS06	23.8
L20SS07	129
L20SS08	73.6
L20SS09	84.3
L20SS10	253

Notes:

1. Data Qualifiers: none.

TABLE 21 - DETECTED RI SOIL SAMPLE CONCENTRATIONS EXCEEDING EXTENT EVALUATION COMPARISON VALUES - VERTICAL EXTENT OF NORTH AREA

Sample Location	Sample Depth (ft below ground surface)	Chemical of Interest	Concentration (mg/kg)	Extent Evaluation Comparison Value[1] (mg/kg)
ND3SB04	1-2	1,2,3-Trichloropropane	0.168	0.0014
		Trichloroethene	0.537	0.043
	4-5	1,2,3-Trichloropropane	0.0472	0.0014
		Trichloroethene	0.29J[2]	0.043
NE3SB09	0-0.5	Benzo(a)pyrene	1.42J	0.062
		Dibenz(a,h)anthracene	0.404J-	0.062
SB-202	0-0.5	Iron	102,000	53,000
		Lead	471	18
SB-203	1.5-2	Benzo(a)pyrene	0.939	0.062
SB-204	1.5-2	Aroclor-1254	6.35J	0.22
SB-205	3-4	Iron	128,000	53,000
		Lead	630	18
SB-206	5-6	Arsenic	8.95	8.7

Notes:
(1) Extent Evaluation Comparison Values from Table 17.
(2) Data qualifiers: J = estimated value. J- = estimated value, biased low.

TABLE 22 - WETLAND AND POND SEDIMENT EXTENT EVALUATION COMPARISON VALUES[1]

Chemicals of Interest	Potential Preliminary Screening Values (PSVs) from Table 21 of RI/FS Work Plan[2]			PSV	Potential Site-Specific Background Values[6]	Extent Evaluation Comparison Value
	$^{Tot}Sed_{Comb}$ [3]	TCEQ Ecological Benchmark for Sediment [4]	EPA EcoTox Threshold [5]			
METALS						
Aluminum	1.5E+05	---	---	1.5E+05	---	1.5E+05
Antimony	8.3E+01	---	---	8.3E+01	---	8.3E+01
Arsenic	1.1E+02	8.2E+00	8.2E+00	8.2E+00	8.7E+00	8.7E+00
Barium	2.3E+04	---	---	2.3E+04	4.6E+02	2.3E+04
Beryllium	2.7E+01	---	---	2.7E+01	---	2.7E+01
Boron	1.1E+05	---	---	1.1E+05	---	1.1E+05
Cadmium	1.1E+03	1.2E+00	1.2E+00	1.2E+00	---	1.2E+00
Chromium	3.6E+04	8.1E+01	8.1E+01	8.1E+01	2.4E+01	8.1E+01
Chromium (VI)	1.4E+02	---	---	1.4E+02	---	1.4E+02
Cobalt	3.2E+04	---	---	3.2E+04	---	3.2E+04
Copper	2.1E+04	3.4E+01	3.4E+01	3.4E+01	2.4E+01	3.4E+01
Iron	---	---	---	NV	---	NV
Lead	5.0E+02	4.7E+01	4.7E+01	4.7E+01	1.8E+01	4.7E+01
Lithium	1.1E+04	---	---	1.1E+04	3.6E+01	1.1E+04
Manganese	1.4E+04	---	---	1.4E+04	6.5E+02	1.4E+04
Mercury	3.4E+01	1.5E-01	1.5E-01	1.5E-01	3.5E-02	1.5E-01
Molybdenum	1.8E+03	---	---	1.8E+03	7.4E-01	1.8E+03
Nickel	1.4E+03	2.1E+01	2.1E+01	2.1E+01	---	2.1E+01
Selenium	2.7E+03	---	---	2.7E+03	---	2.7E+03
Silver	3.5E+02	1.0E+00	1.0E+00	1.0E+00	---	1.0E+00
Strontium	1.5E+05	---	---	1.5E+05	---	1.5E+05
Thallium	4.3E+01	---	---	4.3E+01	---	4.3E+01
Tin	9.2E+04	---	---	9.2E+04	---	9.2E+04
Titanium	1.0E+06	---	---	1.0E+06	---	1.0E+06
Vanadium	3.3E+02	---	---	3.3E+02	---	3.3E+02
Zinc	7.6E+04	1.5E+02	1.5E+02	1.5E+02	2.8E+02	2.8E+02
PESTICIDES						
4,4'-DDD	1.2E+02	1.2E-03	1.2E-03	1.2E-03	---	1.2E-03
4,4'-DDE	8.7E+01	2.1E-03	2.1E-03	2.1E-03	---	2.1E-03
4,4'-DDT	8.7E+01	1.2E-03	1.2E-03	1.2E-03	---	1.2E-03

TABLE 22 - WETLAND AND POND SEDIMENT EXTENT EVALUATION COMPARISON VALUES[1]

Chemicals of Interest	Potential Preliminary Screening Values (PSVs) from Table 21 of RI/FS Work Plan[2]			PSV	Potential Site-Specific Background Values[6]	Extent Evaluation Comparison Value
	$^{Tot}Sed_{Comb}$ [3]	TCEQ Ecological Benchmark for Sediment [4]	EPA EcoTox Threshold [5]			
Aldrin	8.4E-01	---	---	8.4E-01	---	8.4E-01
alpha-BHC	4.1E+00	---	---	4.1E+00	---	4.1E+00
alpha-Chlordane	4.1E+01	2.3-03[7]	---	2.3E-03	---	2.3E-03
beta-BHC	1.4E+01	---	---	1.4E+01	---	1.4E+01
delta-BHC	1.4E+01	---	---	1.4E+01	---	1.4E+01
Dieldrin	8.9E-01	7.2E-04	7.2E-04	7.2E-04	---	7.2E-04
Endosulfan I	3.1E+02	---	2.9E-03	2.9E-03	---	2.9E-03
Endosulfan II	9.2E+02	---	1.4E-02	1.4E-02	---	1.4E-02
Endosulfan sulfate	9.2E+02	---	---	9.2E+02	---	9.2E+02
Endrin	4.6E+01	---	3.5E-03	3.5E-03	---	3.5E-03
Endrin aldehyde	4.6E+01	---	---	4.6E+01	---	4.6E+01
Endrin ketone	4.6E+01	---	---	4.6E+01	---	4.6E+01
gamma-BHC (Lindane)	2.0E+01	3.2E-04	3.2E-04	3.2E-04	---	3.2E-04
gamma-Chlordane	4.1E+01	2.3-03[7]	---	2.3E-03	---	2.3E-03
Heptachlor	3.2E+00	---	---	3.2E+00	---	3.2E+00
Heptachlor epoxide	1.6E+00	---	---	1.6E+00	---	1.6E+00
Methoxychlor	7.7E+02	---	1.9E-02	1.9E-02	---	1.9E-02
Toxaphene	1.3E+01	---	2.8E-02	2.8E-02	---	2.8E-02
PCBs	2.3E+00	2.3E-02		2.3E-02	---	2.3E-02
Aroclor-1016	---	---	---	0.0E+00	---	0.0E+00
Aroclor-1221	---	---	---	0.0E+00	---	0.0E+00
Aroclor-1232	---	---	---	0.0E+00	---	0.0E+00
Aroclor-1242	---	---	---	0.0E+00	---	0.0E+00
Aroclor-1248	---	---	---	0.0E+00	---	0.0E+00
Aroclor-1254	---	---	---	0.0E+00	---	0.0E+00
Aroclor-1260	---	---	---	0.0E+00	---	0.0E+00
VOCs						
1,1,1,2-Tetrachloroethane	2.1E+03	---	---	2.1E+03	---	2.1E+03
1,1,1-Trichloroethane	1.5E+05	2.6E+00	1.7E-01	1.7E-01	---	1.7E-01
1,1,2,2-Tetrachloroethane	2.7E+02	6.1E-01	9.4E-01	6.1E-01	---	6.1E-01
1,1,2-Trichloroethane	9.6E+02	3.0E-01	---	3.0E-01	---	3.0E-01

TABLE 22 - WETLAND AND POND SEDIMENT EXTENT EVALUATION COMPARISON VALUES[1]

Chemicals of Interest	Potential Preliminary Screening Values (PSVs) from Table 21 of RI/FS Work Plan[2]			PSV	Potential Site-Specific Background Values[6]	Extent Evaluation Comparison Value
	$^{Tot}Sed_{Comb}$[3]	TCEQ Ecological Benchmark for Sediment [4]	EPA EcoTox Threshold [5]			
1,1-Dichloroethane	7.3E+04	---	---	7.3E+04	---	7.3E+04
1,1-Dichloroethene	3.7E+04	1.5E+01	---	1.5E+01	---	1.5E+01
1,1-Dichloropropene	5.4E+02	---	---	5.4E+02	---	5.4E+02
1,2,3-Trichloropropane	7.8E+00	---	---	7.8E+00	---	7.8E+00
1,2,4-Trichlorobenzene	1.5E+03	3.9E-01	9.2E+00	3.9E-01	---	3.9E-01
1,2,4-Trimethylbenzene	3.7E+04	2.2E+00	---	2.2E+00	---	2.2E+00
1,2-Dibromo-3-chloropropane	1.0E+01	---	---	1.0E+01	---	1.0E+01
1,2-Dibromoethane	2.7E+01	---	---	2.7E+01	---	2.7E+01
1,2-Dichlorobenzene	6.6E+04	7.4E-01	3.4E-01	3.4E-01	---	3.4E-01
1,2-Dichloroethane	6.0E+02	4.3E+00	---	4.3E+00	---	4.3E+00
1,2-Dichloropropane	8.0E+02	2.8E+00	---	2.8E+00	---	2.8E+00
1,3,5-Trimethylbenzene	3.7E+04	---	---	3.7E+04	---	3.7E+04
1,3-Dichlorobenzene	2.2E+04	3.2E-01	1.7E+00	3.2E-01	---	3.2E-01
1,3-Dichloropropane	5.4E+02	4.0E-02	---	4.0E-02	---	4.0E-02
1,4-Dichlorobenzene	2.3E+03	7.0E-01	3.5E-01	3.5E-01	---	3.5E-01
2,2-Dichloropropane	8.0E+02	---	---	8.0E+02	---	8.0E+02
2-Butanone	4.4E+05	---	---	4.4E+05	---	4.4E+05
2-Chloroethylvinyl ether	5.0E+01	---	---	5.0E+01	---	5.0E+01
2-Chlorotoluene	3.1E+03	---	---	3.1E+03	---	3.1E+03
2-Hexanone	4.4E+04	---	---	4.4E+04	---	4.4E+04
4-Chlorotoluene	1.5E+04	---	---	1.5E+04	---	1.5E+04
4-Isopropyltoluene	7.3E+04	---	---	7.3E+04	---	7.3E+04
4-Methyl-2-pentanone	5.9E+04	4.5E+01	---	4.5E+01	---	4.5E+01
Acetone	6.6E+05	1.7E+02	---	1.7E+02	---	1.7E+02
Acrolein	3.7E+02	---	---	3.7E+02	---	3.7E+02
Acrylonitrile	1.0E+02	1.7E-01	---	1.7E-01	---	1.7E-01
Benzene	9.9E+02	1.4E-01	5.7E-02	5.7E-02	---	5.7E-02
Bromobenzene	1.5E+04	---	---	1.5E+04	---	1.5E+04
Bromodichloromethane	8.8E+02	---	---	8.8E+02	---	8.8E+02
Bromoform	6.9E+03	1.8E+00	6.5E-01	6.5E-01	---	6.5E-01
Bromomethane	1.0E+03	---	---	1.0E+03	---	1.0E+03

TABLE 22 - WETLAND AND POND SEDIMENT EXTENT EVALUATION COMPARISON VALUES[1]

Chemicals of Interest	Potential Preliminary Screening Values (PSVs) from Table 21 of RI/FS Work Plan[2]			PSV	Potential Site-Specific Background Values[6]	Extent Evaluation Comparison Value
	$^{Tot}Sed_{Comb}$[3]	TCEQ Ecological Benchmark for Sediment [4]	EPA EcoTox Threshold [5]			
Butanol	7.3E+04	---	---	7.3E+04	---	7.3E+04
Carbon disulfide	7.3E+04	---	---	7.3E+04	---	7.3E+04
Carbon tetrachloride	4.2E+02	3.7E+00	1.2E+00	1.2E+00	---	1.2E+00
Chlorobenzene	1.5E+04	2.9E-01	8.2E-01	2.9E-01	---	2.9E-01
Chloroethane	2.9E+05	---	---	2.9E+05	---	2.9E+05
Chloroform	7.3E+03	4.3E+00	---	4.3E+00	---	4.3E+00
Chloromethane	4.2E+03	8.7E+00	---	8.7E+00	---	8.7E+00
cis-1,2-Dichloroethene	7.3E+03	---	---	7.3E+03	---	7.3E+03
cis-1,3-Dichloropropene	7.3E+01	---	---	7.3E+01	---	7.3E+01
Cyclohexane	1.0E+06	---	---	1.0E+06		1.0E+06
Dibromochloromethane	6.5E+02	---	---	6.5E+02	---	6.5E+02
Dibromomethane	7.3E+03	---	---	7.3E+03	---	7.3E+03
Dichlorodifluoromethane	1.5E+05	---	---	1.5E+05	---	1.5E+05
Ethylbenzene	7.3E+04	6.5E-01	3.6E+00	6.5E-01	---	6.5E-01
Hexachlorobutadiene	3.1E+01	2.0E-02	---	2.0E-02	---	2.0E-02
Isopropylbenzene (Cumene)	7.3E+04	---	---	7.3E+04	---	7.3E+04
Methyl acetate	7.3E+05	---	---	7.3E+05	---	7.3E+05
Methyl iodide	1.0E+03	---	---	1.0E+03	---	1.0E+03
Methylcyclohexane	1.0E+06	---	---	1.0E+06	---	1.0E+06
Methylene chloride	7.3E+03	3.8E+00	---	3.8E+00	---	3.8E+00
Naphthalene	2.5E+03	1.6E-01	1.6E-01	1.6E-01	---	1.6E-01
n-Butylbenzene	6.1E+03	---	---	6.1E+03	---	6.1E+03
n-Propylbenzene	2.9E+04	---	---	2.9E+04	---	2.9E+04
o-Xylene	1.0E+06	---	---	1.0E+06	---	1.0E+06
sec-Butylbenzene	2.9E+04	---	---	2.9E+04	---	2.9E+04
Styrene	1.5E+05	3.7E+00	---	3.7E+00	---	3.7E+00
tert-Butyl methyl ether (MTBE)	7.3E+03	---	---	7.3E+03	---	7.3E+03
tert-Butylbenzene	2.9E+04	---	---	2.9E+04	---	2.9E+04
Tetrachloroethene	1.0E+03	3.1E+00	5.3E-01	5.3E-01	---	5.3E-01
Toluene	5.9E+04	9.4E-01	6.7E-01	6.7E-01	---	6.7E-01
trans-1,2-Dichloroethene	1.5E+04	---	---	1.5E+04	---	1.5E+04

TABLE 22 - WETLAND AND POND SEDIMENT EXTENT EVALUATION COMPARISON VALUES[1]

Chemicals of Interest	Potential Preliminary Screening Values (PSVs) from Table 21 of RI/FS Work Plan[2]			PSV	Potential Site-Specific Background Values[6]	Extent Evaluation Comparison Value
	$^{Tot}Sed_{Comb}$[3]	TCEQ Ecological Benchmark for Sediment [4]	EPA EcoTox Threshold [5]			
trans-1,3-Dichloropropene	5.4E+02	---	---	5.4E+02	---	5.4E+02
Trichloroethene	4.4E+03	1.5E+00	1.6E+00	1.5E+00	---	1.5E+00
Trichlorofluoromethane	2.2E+05	---	---	2.2E+05	---	2.2E+05
Trichlorotrifluoroethane	1.0E+06	---	---	1.0E+06	---	1.0E+06
Vinyl acetate	7.3E+05	---	---	7.3E+05	---	7.3E+05
Vinyl chloride	3.6E+01	---	---	3.6E+01	---	3.6E+01
Xylene (total)	1.5E+05	2.5E+00	---	2.5E+00	---	2.5E+00
SVOCs						
1,2Diphenylhydrazine/Azobenzen	1.3E+02	---	---	1.3E+02	---	1.3E+02
2,4,5-Trichlorophenol	1.5E+04	---	---	1.5E+04	---	1.5E+04
2,4,6-Trichlorophenol	1.3E+03	---	---	1.3E+03	---	1.3E+03
2,4-Dichlorophenol	4.6E+02	---	---	4.6E+02	---	4.6E+02
2,4-Dimethylphenol	3.1E+03	---	---	3.1E+03	---	3.1E+03
2,4-Dinitrophenol	3.1E+02	---	---	3.1E+02	---	3.1E+02
2,4-Dinitrotoluene	2.1E+01	---	---	2.1E+01	---	2.1E+01
2,6-Dinitrotoluene	2.1E+01	---	---	2.1E+01	---	2.1E+01
2-Chloronaphthalene	9.9E+03	---	---	9.9E+03	---	9.9E+03
2-Chlorophenol	3.7E+03	---	---	3.7E+03	---	3.7E+03
2-Methylnaphthalene	4.9E+02	7.0E-02	7.0E-02	7.0E-02	---	7.0E-02
2-Nitroaniline	4.6E+01	---	---	4.6E+01	---	4.6E+01
2-Nitrophenol	3.1E+02	---	---	3.1E+02	---	3.1E+02
3,3'-Dichlorobenzidine	3.2E+01	---	---	3.2E+01	---	3.2E+01
3-Nitroaniline	4.6E+01	---	---	4.6E+01	---	4.6E+01
4,6-Dinitro-2-methylphenol	3.1E+02	---	---	3.1E+02	---	3.1E+02
4-Bromophenyl phenyl ether	9.5E-01	---	1.3E+00	9.5E-01	---	9.5E-01
4-Chloro-3-methylphenol	7.7E+02	---	---	7.7E+02	---	7.7E+02
4-Chloroaniline	6.1E+02	---	---	6.1E+02	---	6.1E+02
4-Chlorophenyl phenyl ether	9.5E-01	---	---	9.5E-01	---	9.5E-01
4-Nitroaniline	3.7E+02	---	---	3.7E+02	---	3.7E+02
4-Nitrophenol	3.1E+02	---	---	3.1E+02	---	3.1E+02
Acenaphthene	7.4E+03	1.6E-02	1.6E-02	1.6E-02	---	1.6E-02

TABLE 22 - WETLAND AND POND SEDIMENT EXTENT EVALUATION COMPARISON VALUES[1]

Chemicals of Interest	Potential Preliminary Screening Values (PSVs) from Table 21 of RI/FS Work Plan[2]			PSV	Potential Site-Specific Background Values[6]	Extent Evaluation Comparison Value
	$^{Tot}Sed_{Comb}$[3]	TCEQ Ecological Benchmark for Sediment [4]	EPA EcoTox Threshold [5]			
Acenaphthylene	7.4E+03	4.4E-02	4.4E-02	4.4E-02	---	4.4E-02
Acetophenone	1.5E+04	---	---	1.5E+04	---	1.5E+04
Aniline	1.1E+03	---	---	1.1E+03	---	1.1E+03
Anthracene	3.7E+04	8.5E-02	8.5E-02	8.5E-02	---	8.5E-02
Atrazine (Aatrex)	6.4E+01	---	---	6.4E+01	---	6.4E+01
Benzaldehyde	7.3E+04	---	---	7.3E+04	---	7.3E+04
Benzidine	6.2E-02	---	---	6.2E-02	---	6.2E-02
Benzo(a)anthracene	1.6E+01	2.6E-01	2.6E-01	2.6E-01	---	2.6E-01
Benzo(a)pyrene	1.6E+00	4.3E-01	4.3E-01	4.3E-01	---	4.3E-01
Benzo(b)fluoranthene	1.6E+01	---	---	1.6E+01	---	1.6E+01
Benzo(g,h,i)perylene	3.7E+03	---	---	3.7E+03	---	3.7E+03
Benzo(k)fluoranthene	1.6E+02	---	---	1.6E+02	---	1.6E+02
Benzoic acid	6.1E+05	---	---	6.1E+05	---	6.1E+05
Benzyl alcohol	4.6E+04	---	---	4.6E+04	---	4.6E+04
Biphenyl	7.7E+03	---	1.1E+00	1.1E+00	---	1.1E+00
Bis(2-Chloroethoxy)methane	1.3E+01	---	---	1.3E+01	---	1.3E+01
Bis(2-Chloroethyl)ether	5.0E+01	---	---	5.0E+01	---	5.0E+01
Bis(2-Chloroisopropyl)ether	2.0E+02	---	---	2.0E+02	---	2.0E+02
Bis(2-Ethylhexyl)phthalate	2.4E+02	1.8E-01	1.8E-01	1.8E-01	---	1.8E-01
Butyl benzyl phthalate	3.1E+04	---	1.1E+01	1.1E+01	---	1.1E+01
Caprolactam	7.7E+04	---	---	7.7E+04	---	7.7E+04
Carbazole	7.1E+02	---	---	7.1E+02	---	7.1E+02
Chrysene	1.6E+03	3.8E-01	3.8E-01	3.8E-01	---	3.8E-01
Dibenz(a,h)anthracene	1.6E+00	6.3E-02	6.3E-02	6.3E-02	---	6.3E-02
Dibenzofuran	6.1E+02	---	2.0E+00	2.0E+00	---	2.0E+00
Diethyl phthalate	1.2E+05	---	6.3E-01	6.3E-01	---	6.3E-01
Dimethyl phthalate	1.2E+05	---	---	1.2E+05	---	1.2E+05
Di-n-butyl phthalate	1.5E+04	---	1.1E+01	1.1E+01	---	1.1E+01
Di-n-octyl phthalate	3.1E+03	---	---	3.1E+03	---	3.1E+03
Fluoranthene	4.9E+03	6.0E-01	6.0E-01	6.0E-01	---	6.0E-01
Fluorene	4.9E+03	1.9E-02	1.9E-02	1.9E-02	---	1.9E-02

TABLE 22 - WETLAND AND POND SEDIMENT EXTENT EVALUATION COMPARISON VALUES[1]

Chemicals of Interest	Potential Preliminary Screening Values (PSVs) from Table 21 of RI/FS Work Plan[2]			PSV	Potential Site-Specific Background Values[6]	Extent Evaluation Comparison Value
	$^{Tot}Sed_{Comb}$[3]	TCEQ Ecological Benchmark for Sediment [4]	EPA EcoTox Threshold [5]			
Hexachlorobenzene	8.9E+00	---	---	8.9E+00	---	8.9E+00
Hexachlorocyclopentadiene	9.2E+02	---	---	9.2E+02	---	9.2E+02
Hexachloroethane	1.5E+02	---	1.0E+00	1.0E+00	---	1.0E+00
Indeno(1,2,3-cd)pyrene	1.6E+01	---	---	1.6E+01	---	1.6E+01
Isophorone	1.5E+04	---	---	1.5E+04	---	1.5E+04
Nitrobenzene	7.7E+01	---	---	7.7E+01	---	7.7E+01
n-Nitrosodimethylamine	1.1E+00	---	---	1.1E+00	---	1.1E+00
n-Nitrosodi-n-propylamine	6.3E-01	---	---	6.3E-01	---	6.3E-01
n-Nitrosodiphenylamine	9.0E+02	---	---	9.0E+02	---	9.0E+02
o-Cresol	7.7E+03	---	---	7.7E+03	---	7.7E+03
Pentachlorophenol	5.6E+01	---	---	5.6E+01	---	5.6E+01
Phenanthrene	3.7E+03	2.4E-01	2.4E-01	2.4E-01	---	2.4E-01
Phenol	4.6E+04	---	---	4.6E+04	---	4.6E+04
Pyrene	3.7E+03	6.7E-01	6.7E-01	6.7E-01	---	6.7E-01
Pyridine	7.3E+02	---	---	7.3E+02	---	7.3E+02
Chloride	---	---	---	NV	NV	NV
Sulfate	---	---	---	NV	NV	NV
Total Moisture	---	---	---	NV	NV	NV
Total Organic Carbon	---	---	---	NV	NV	NV

Notes

1. All values in mg/kg.
2. Values from Table 21 of RI/FS Work Plan (updated to reflect changes since 2005 where applicable).
3. $^{Tot}Sed_{Comb}$ PCL = TCEQ Protective Concentration Level for total sediment combined pathway (includes inhalation; ingestion; dermal pathways).
4. From Table 3-3 of TCEQ "Guidance for Conducting Ecological Risk Assessments at Remediation Sites in Texas".
5. From Table 2 of EPA "Ecotox Thresholds" ECO Update January 1996.
6. 95% UTL calculated from site-specific background samples.
7. Value listed is for total Chlordane.
8. NV = No Preliminary Screening Value.

TABLE 23 - DETECTED RI WETLAND SEDIMENT SAMPLE CONCENTRATIONS EXCEEDING EXTENT EVALUATION COMPARISON VALUES

Sample Location	Sample Depth (ft)	Chemical of Interest	Concentration (mg/kg)	Extent Evaluation Comparison Value[1] (mg/kg)
NA1SE01	0-0.5	4,4'-DDT	0.00204J[2]	0.00119
NA2SE02	0-0.5	4,4'-DDT	0.00194J	0.00119
NA3SE03	0-0.5	4,4'-DDT	0.0016J	0.00119
NA4SE04	0-0.5	4,4'-DDT	0.00454J	0.00119
NB1SE05	0-0.5	Nickel	23.1	20.9
NB2SE06	1-2	2-Methylnaphthalene	0.43	0.07
		Acenaphthene	0.037J	0.016
		Fluorene	0.088	0.019
NB3SE07	0-0.5	4,4'-DDT	0.00186J	0.00119
NB4SE08	0-0.5	4,4'-DDT	0.00922J+	0.00119
		Acenaphthene	0.113	0.016
		Anthracene	0.188	0.0853
		Benzo(a)anthracene	0.993	0.261
		Benzo(a)pyrene	1.3J	0.43
		Chrysene	1.27	0.384
		Copper	39.6	34
		Dibenz(a,h)anthracene	0.337J-	0.0634
		Fluoranthene	2.17	0.6
		Fluorene	0.127	0.019
		Lead	88.1	46.7
		Phenanthrene	1.3	0.24
		Pyrene	1.64J-	0.665
		Zinc	601	280
NC3SE11	0-0.5	4,4'-DDT	0.00143J	0.00119
NC4SE12	0-0.5	4,4'-DDT	0.00468J+	0.00119

TABLE 23 - DETECTED RI WETLAND SEDIMENT SAMPLE CONCENTRATIONS EXCEEDING EXTENT EVALUATION COMPARISON VALUES

Sample Location	Sample Depth (ft)	Chemical of Interest	Concentration (mg/kg)	Extent Evaluation Comparison Value[1] (mg/kg)
NF4SE13	0-0.5	4,4'-DDT	0.00254J+	0.00119
		Arsenic	12.8	8.66
		Copper	35.7	34
		Lead	64.7	46.7
		Nickel	27.7	20.9
		Zinc	903	280
NG1SE14	0-0.5	Nickel	23.8	20.9
NG2SE15	0-0.5	4,4'-DDT	0.00189J	0.00119
NG4SE17	0-0.5	Dieldrin	0.00266	0.000715
		Zinc	255	280
2WSED3	0-0.5	Acenaphthylene	0.346J	0.044
		Anthracene	0.241J	0.0853
		Benzo(a)pyrene	0.631J	0.43
		Chrysene	2.73	0.384
		Dibenz(a,h)anthracene	2.83	0.0634
		Pyrene	0.729J	0.665
2WSED4	0-0.5	4,4'-DDE	0.00256J	0.00207
		Acenaphthylene	0.545J	0.044
		Anthracene	0.334J	0.0853
		Benzo(a)pyrene	0.972	0.43
		Chrysene	4.05	0.384
		Dibenz(a,h)anthracene	2.91	0.0634
		Dieldrin	0.00211J	0.000715
		Nickel	21.3	20.9
		Pyrene	1.18	0.665
2WSED5	0-0.5	Acenaphthylene	0.139J	0.044
		Dibenz(a,h)anthracene	1.83	0.0634

TABLE 23 - DETECTED RI WETLAND SEDIMENT SAMPLE CONCENTRATIONS EXCEEDING EXTENT EVALUATION COMPARISON VALUES

Sample Location	Sample Depth (ft)	Chemical of Interest	Concentration (mg/kg)	Extent Evaluation Comparison Value[1] (mg/kg)
2WSED9	0-0.5	4,4'-DDT	0.00206J	0.00119
		Dibenz(a,h)anthracene	0.129	0.0634
2WSED10	0-0.5	4,4'-DDT	0.0015J	0.00119
2WSED12	0-0.5	4,4'-DDT	0.00212J	0.00119
2WSED15	0-0.5	Chrysene	0.39J	0.384
		Copper	49	34
		Lead	50	46.7
		Zinc	539	280
2WSED17	0-0.5	Acenaphthene	0.133	0.016
		Anthracene	0.257	0.0853
		Benzo(a)anthracene	0.724	0.261
		Benzo(a)pyrene	0.618	0.43
		Chrysene	0.743	0.384
		Dibenz(a,h)anthracene	0.312	0.0634
		Fluoranthene	1.43	0.6
		Fluorene	0.139	0.019
		Lead	237	46.7
		Phenanthrene	1.18	0.24
		Pyrene	1.34	0.665
		Zinc	404	280
3WSED9	0-0.5	Zinc	319 J	280

Notes:

(1) Extent Evaluation Comparison Values from Table 22.

(2) Data Qualifiers: J = estimated value; J- = estimated value, biased low; J+ = estimated value, biased high.