Appendix A

Data Tables

Table A-1. Recontamination monitoring detection frequency

Chemical	Unit	Detect Count	Detection Frequency (%)	Detected Concentration			Detection Limit	
				Minimum Detect	Maximum Detect	Mean Detect	Minimum	Maximum
Metals and trace elements								
Antimony	mg/kg dw	0/24	0	nd	nd	nd	6	9
Arsenic	mg/kg dw	2/24	8	8	9	9	6	9
Cadmium	mg/kg dw	17/24	71	0.3	1.3	0.6	0.2	0.3
Chromium	mg/kg dw	24/24	100	14.8	35.0	25.2	na	na
Copper	mg/kg dw	24/24	100	16.1	67.5	42.3	na	na
Lead	mg/kg dw	24/24	100	3	63	20	na	na
Mercury	mg/kg dw	23/24	96	0.05	0.46	0.2	0.05	0.05
Nickel	mg/kg dw	24/24	100	16	25	20	na	na
Silver	mg/kg dw	7/24	29	0.5	1.0	0.7	0.3	0.5
Zinc	mg/kg dw	24/24	100	36.1	153	80	na	na
PAHs								
2-Chloronaphthalene	µg/kg dw	0/24	0	nd	nd	nd	60	62
2-Methylnaphthalene	µg/kg dw	1/24	4	60 J	60 J	60	60	62
Acenaphthene	µg/kg dw	0/24	0	nd	nd	nd	60	62
Acenaphthylene	µg/kg dw	0/24	0	nd	nd	nd	60	62
Anthracene	µg/kg dw	13/24	54	36 J	100	71	60	62
Benzo(a)anthracene	µg/kg dw	20/24	83	41 J	200	110	60	61
Benzo(a)pyrene	µg/kg dw	20/24	83	38 J	200	120	60	61
Benzo(b)fluoranthene	µg/kg dw	21/24	88	34 J	280	150	60	61
Benzo(g,h,i)perylene	µg/kg dw	20/24	83	32 J	120	72	60	61
Benzo(k)fluoranthene	µg/kg dw	21/24	88	31 J	230	120	60	61
Total benzofluoranthenes	µg/kg dw	21/24	88	65 J	490	270	nc	nc
Chrysene	µg/kg dw	21/24	88	37 J	310	170	60	61
Dibenzo(a,h)anthracene	µg/kg dw	24/24	100	3.0 J	39 J	18	na	na
Dibenzofuran	µg/kg dw	0/24	0	nd	nd	nd	60	62
Fluoranthene	µg/kg dw	22/24	92	41 J	390	190	60	61

Chemical	Unit	Detect Count	Detection Frequency (%)	Detected Concentration			Detection Limit	
				Minimum Detect	Maximum Detect	Mean Detect	Minimum	Maximum
Fluorene	µg/kg dw	1/24	4	40 J	40 J	40	60	62
Indeno(1,2,3-cd)pyrene	µg/kg dw	16/24	67	32 J	110	74	60	62
Naphthalene	µg/kg dw	1/24	4	42 J	42 J	42	60	62
Phenanthrene	µg/kg dw	20/24	83	38 J	200	100	60	61
Pyrene	µg/kg dw	22/24	92	41 J	410	210	60	61
Total HPAH (calc'd)	µg/kg dw	24/24	100	3.0 J	2,200 J	1,100	nc	nc
Total LPAH (calc'd)	µg/kg dw	20/24	83	38 J	310 J	150	nc	nc
Carcinogenic PAHs - Mammal - Half DL	µg/kg dw	24/24	100	44 J	300 J	150	na	na
Total PAH (calc'd)	µg/kg dw	24/24	100	3.0 J	2,510 J	1,200	nc	nc
Phthalates								
Bis(2-ethylhexyl)phthalate	µg/kg dw	24/24	100	42 J	810	280	na	na
Butyl benzyl phthalate	µg/kg dw	22/24	92	4.8 J	100	27	6.0	6.1
Diethyl phthalate	µg/kg dw	0/24	0	nd	nd	nd	60	62
Dimethyl phthalate	µg/kg dw	8/24	33	3.1 J	28	7.2	6.0	6.2
Di-n-butyl phthalate	µg/kg dw	1/24	4	35 J	35 J	35	60	62
Di-n-octyl phthalate	µg/kg dw	1/24	4	46 J	46 J	46	60	62
Other SVOCs								
1,2,4-Trichlorobenzene	µg/kg dw	4/24	17	4.3 J	9.3	5.7	6.0	6.2
1,2-Dichlorobenzene	µg/kg dw	1/24	4	6.2	6.2	6.2	6.0	6.2
1,3-Dichlorobenzene	µg/kg dw	0/24	0	nd	nd	nd	60	62
1,4-Dichlorobenzene	µg/kg dw	24/24	100	5.4 J	1,500	130	na	na
2,4,5-Trichlorophenol	µg/kg dw	0/24	0	nd	nd	nd	300	310
2,4,6-Trichlorophenol	µg/kg dw	0/24	0	nd	nd	nd	300	310
2,4-Dichlorophenol	µg/kg dw	0/24	0	nd	nd	nd	300	310
2,4-Dimethylphenol	µg/kg dw	1/24	4	3.7 J	3.7 J	3.7	6.0	6.2
2,4-Dinitrophenol	µg/kg dw	0/24	0	nd	nd	nd	600	620
2,4-Dinitrotoluene	µg/kg dw	0/24	0	nd	nd	nd	300	310
2,6-Dinitrotoluene	µg/kg dw	0/24	0	nd	nd	nd	300	310
2-Chlorophenol	µg/kg dw	0/24	0	nd	nd	nd	60	62

Chemical	Unit	Detect Count	Detection Frequency (%)	Detected Concentration			Detection Limit	
				Minimum Detect	Maximum Detect	Mean Detect	Minimum	Maximum
2-Methylphenol	µg/kg dw	1/24	4	3.7 J	3.7 J	3.7	6.0	6.2
2-Nitroaniline	µg/kg dw	0/24	0	nd	nd	nd	300	310
2-Nitrophenol	µg/kg dw	0/24	0	nd	nd	nd	300	310
3,3'-Dichlorobenzidine	µg/kg dw	0/24	0	nd	nd	nd	300	310
3-Nitroaniline	µg/kg dw	0/24	0	nd	nd	nd	300	310
4,6-Dinitro-o-cresol	µg/kg dw	0/24	0	nd	nd	nd	600	620
4-Bromophenyl phenyl ether	µg/kg dw	0/24	0	nd	nd	nd	60	62
4-Chloro-3-methylphenol	µg/kg dw	0/24	0	nd	nd	nd	300	310
4-Chloroaniline	µg/kg dw	0/24	0	nd	nd	nd	300	310
4-Chlorophenyl phenyl ether	µg/kg dw	0/24	0	nd	nd	nd	60	62
4-Methylphenol	µg/kg dw	1/24	4	89	89	89	60	62
4-Nitroaniline	µg/kg dw	0/24	0	nd	nd	nd	300	310
4-Nitrophenol	µg/kg dw	0/24	0	nd	nd	nd	300	310
Aniline	µg/kg dw	0/24	0	nd	nd	nd	60	62
Benzoic acid	µg/kg dw	0/24	0	nd	nd	nd	600	620
Benzyl alcohol	µg/kg dw	0/24	0	nd	nd	nd	30	31
bis(2-chloroethoxy)methane	µg/kg dw	0/24	0	nd	nd	nd	60	62
bis(2-chloroethyl)ether	µg/kg dw	0/24	0	nd	nd	nd	60	62
bis(2-chloroisopropyl)ether	µg/kg dw	0/24	0	nd	nd	nd	60	62
Hexachlorobenzene	µg/kg dw	0/24	0	nd	nd	nd	0.97	4.8
Hexachlorobutadiene	µg/kg dw	0/24	0	nd	nd	nd	0.97	4.8
Hexachlorocyclopentadiene	µg/kg dw	0/24	0	nd	nd	nd	300	310
Hexachloroethane	µg/kg dw	0/24	0	nd	nd	nd	60	62
Isophorone	µg/kg dw	0/24	0	nd	nd	nd	60	62
Nitrobenzene	µg/kg dw	0/24	0	nd	nd	nd	60	62
N-Nitrosodimethylamine	µg/kg dw	0/24	0	nd	nd	nd	30	31
N-Nitroso-di-n-propylamine	µg/kg dw	0/24	0	nd	nd	nd	30	31
N-Nitrosodiphenylamine	µg/kg dw	0/24	0	nd	nd	nd	6.0	12
Pentachlorophenol	µg/kg dw	2/24	8	62	73	68	54	64

Chemical	Unit	Detect Count	Detection Frequency (%)	Detected Concentration			Detection Limit	
				Minimum Detect	Maximum Detect	Mean Detect	Minimum	Maximum
Phenol	µg/kg dw	4/24	17	45 J	68	59	60	62
Polychlorinated biphenyls								
Aroclor-1016	µg/kg dw	0/24	0	nd	nd	nd	19	20
Aroclor-1221	µg/kg dw	0/24	0	nd	nd	nd	19	20
Aroclor-1232	µg/kg dw	0/24	0	nd	nd	nd	19	20
Aroclor-1242	µg/kg dw	0/24	0	nd	nd	nd	19	20
Aroclor-1248	µg/kg dw	13/24	54	22	80	41	19	400
Aroclor-1254	µg/kg dw	21/24	88	25	940	140	19	20
Aroclor-1260	µg/kg dw	23/24	96	20	1,600	240	19	19
Total PCBs	µg/kg dw	23/24	96	20	2,500	390	nc	nc
Pesticides								
2,4'-DDD	µg/kg dw	0/24	0	nd	nd	nd	1.9	9.7
2,4'-DDE	µg/kg dw	0/24	0	nd	nd	nd	1.9	62
2,4'-DDT	µg/kg dw	0/24	0	nd	nd	nd	1.9	9.7
4,4'-DDD	µg/kg dw	0/24	0	nd	nd	nd	1.9	9.7
4,4'-DDE	µg/kg dw	0/24	0	nd	nd	nd	1.9	17
4,4'-DDT	µg/kg dw	0/24	0	nd	nd	nd	1.9	98
Total DDTs	µg/kg dw	0/24	0	nd	nd	nd	nc	nc
Aldrin	µg/kg dw	0/24	0	nd	nd	nd	0.97	4.8
Dieldrin	µg/kg dw	0/24	0	nd	nd	nd	1.9	39
Total aldrin/dieldrin	µg/kg dw	0/24	0	nd	nd	nd	nc	nc
alpha-BHC	µg/kg dw	0/24	0	nd	nd	nd	0.97	4.8
beta-BHC	µg/kg dw	0/24	0	nd	nd	nd	0.97	4.8
gamma-BHC	µg/kg dw	0/24	0	nd	nd	nd	0.97	4.8
delta-BHC	µg/kg dw	0/24	0	nd	nd	nd	0.97	5.0
alpha-Chlordane	µg/kg dw	0/24	0	nd	nd	nd	0.97	4.8
gamma-Chlordane	µg/kg dw	0/24	0	nd	nd	nd	0.97	31
Total chlordane (calc'd)	µg/kg dw	0/24	0	nd	nd	nd	nc	nc
alpha-Endosulfan	µg/kg dw	0/24	0	nd	nd	nd	0.97	4.8

Chemical	Unit	Detect Count	Detection Frequency (%)	Detected Concentration			Detection Limit	
				Minimum Detect	Maximum Detect	Mean Detect	Minimum	Maximum
beta-Endosulfan	µg/kg dw	0/24	0	nd	nd	nd	1.9	37
Endosulfan sulfate	µg/kg dw	0/24	0	nd	nd	nd	1.9	36
Endrin	µg/kg dw	0/24	0	nd	nd	nd	1.9	28
Endrin aldehyde	µg/kg dw	0/24	0	nd	nd	nd	1.9	9.7
Endrin ketone	µg/kg dw	0/24	0	nd	nd	nd	1.9	9.7
Heptachlor	µg/kg dw	0/24	0	nd	nd	nd	0.97	4.8
Heptachlor epoxide	µg/kg dw	0/24	0	nd	nd	nd	0.97	32
Methoxychlor	µg/kg dw	0/24	0	nd	nd	nd	9.7	48
Mirex	µg/kg dw	0/24	0	nd	nd	nd	1.9	9.7
cis-Nonachlor	µg/kg dw	0/24	0	nd	nd	nd	1.9	9.7
trans-Nonachlor	µg/kg dw	0/24	0	nd	nd	nd	1.9	9.7
Oxychlordane	µg/kg dw	0/24	0	nd	nd	nd	1.9	28
Toxaphene	µg/kg dw	0/24	0	nd	nd	nd	97	480
Grain size								
Fractional % phi >-1 (>2,000 µm)	% dw	22/24	92	0.1	40.9	10	0.1	0.1
Fractional % phi -1-0 (1,000-2,000 µm)	% dw	24/24	100	0.3	34.0	10	na	na
Fractional % phi 0-1 (500-1,000 µm)	% dw	24/24	100	0.8	29.5	10	na	na
Fractional % phi 1-2 (250-500 µm)	% dw	24/24	100	4.3	26.2	12	na	na
Fractional % phi 2-3 (125-250 µm)	% dw	24/24	100	1.6	28.3	10	na	na
Fractional % phi 3-4 (62.5-125 µm)	% dw	24/24	100	0.7	19.2	8	na	na
Fractional % phi 4-5 (31.2-62.5 µm)	% dw	24/24	100	0.3	12.1	5	na	na
Fractional % phi 5-6 (15.6-31.2 µm)	% dw	24/24	100	0.6	11.8	5	na	na
Fractional % phi 6-7 (7.8-15.6 µm)	% dw	24/24	100	0.7	12.0	5	na	na
Fractional % phi 7-8 (3.9-7.8 µm)	% dw	24/24	100	0.8	10.5	4	na	na
Fractional % phi 8-9 (1.95-3.9 µm)	% dw	24/24	100	0.7	8.6	4	na	na
Fractional % phi 9-10 (0.98-1.95 µm)	% dw	24/24	100	0.5	6.2	3	na	na
Fractional % phi 10+ (<0.98 µm)	% dw	24/24	100	1.0	12.4	5.3	na	na
Total gravel	% dw	22/24	92	0.1	40.9	10	0.1	0.1
Total sand	% dw	24/24	100	30.3	76.1	58.0	na	na

Chemical	Unit	Detect Count	Detection Frequency (%)	Detected Concentration			Detection Limit	
				Minimum Detect	Maximum Detect	Mean Detect	Minimum	Maximum
Total silt (	% dw	24/24	100	2.6	42.2	18	na	na
Total clay	% dw	24/24	100	2.2	27.2	12	na	na
Fines (percent silt+clay)	% dw	24/24	100	4.9	69.4	30	na	na
Conventional parameters								
Total organic carbon (TOC)	% dw	24/24	100	0.511	1.86	1.19	na	na
Total solids	% ww	24/24	100	53.80	82.20	67.21	na	na

BHC - benzene hexachloride

dw - dry weight

PAH – polycyclic aromatic hydrocarbon

PCB – polychlorinated biphenyl

SVOC – semivolatile organic compound

ww – wet weight

Table A-2a. 2007 recontamination monitoring results: sampling locations EW-RM-10 through EW-RM-37

Chemical	Unit	EW-RM-10	EW-RM-15	EW-RM-27	EW-RM-29	EW-RM-30	EW-RM-32	EW-RM-33	EW-RM-34	EW-RM-35	EW-RM-36	EW-RM-37	
		EW-RM07-10	EW-RM07-15	EW-RM07-27	EW-RM07-29	EW-RM07-30	EW-RM07-32	EW-RM07-33	EW-RM07-34	EW-RM07-35	EW-RM07-36	EW-RM07-37	EW-RM07-102
Metals and trace elements													
Antimony	mg/kg dw	6 UJ	9 UJ	7 UJ	8 UJ	6 UJ	8 UJ	7 UJ	8 UJ	9 UJ	6 UJ	6 UJ	7 UJ
Arsenic	mg/kg dw	6 U	9 U	7 U	8 U	6 U	8 U	7 U	8	9 U	6 U	6 U	7 U
Cadmium	mg/kg dw	0.3 U	0.6	0.3	0.6	0.5	0.5	0.3 U	1.3	0.7	0.2 U	0.3	0.3 U
Chromium	mg/kg dw	22.1	34.3	20.4	32.8	29.1	27.0	20.2	35.0	32.0	16.9	23.8	23.1
Copper	mg/kg dw	28.7	62.0	29.0	45.7	56.3	48.8	25.5	67.5	60.8	25.6	29.1	26.6
Lead	mg/kg dw	10	38	11	32	28	23	8	63	35	4	10	9
Mercury	mg/kg dw	0.09	0.24	0.11	0.32	0.21	0.27	0.12	0.46	0.26	0.07	0.11	0.09
Nickel	mg/kg dw	19	19	18	22	24	21	16	25	21	18	23	19
Silver	mg/kg dw	0.4 U	0.5	0.4 U	0.5 U	0.5	0.5 U	0.4 U	1.0	0.6	0.4 U	0.4 U	0.4 U
Zinc	mg/kg dw	50.5	107	55.5	92.1	113	86.9	50.7	153	127	42.3	57.2	53.0
PAHs													
2-Chloronaphthalene	µg/kg dw	61 U	61 U	61 U	62 U	61 U	62 U	61 U	62 U	61 U	60 U	61 U	62 U
2-Methylnaphthalene	µg/kg dw	61 U	61 U	61 U	62 U	61 U	62 U	61 U	60 J	61 U	60 U	61 U	62 U
Acenaphthene	µg/kg dw	61 U	61 U	61 U	62 U	61 U	62 U	61 U	62 U	61 U	60 U	61 U	62 U
Acenaphthylene	µg/kg dw	61 U	61 U	61 U	62 U	61 U	62 U	61 U	62 U	61 U	60 U	61 U	62 U
Anthracene	µg/kg dw	61 U	90	61 U	55 J	50 J	72	61 U	74	81	60 U	61 U	62 U
Benzo(a)anthracene	µg/kg dw	61	200	61	110	140	150	41 J	160	160	60 U	44 J	50 J
Benzo(a)pyrene	µg/kg dw	61	190	62	100	140	160	43 J	140	170	60 U	38 J	45 J
Benzo(b)fluoranthene	µg/kg dw	77	280	87	120	180	220	67	170	250	60 U	57 J	67
Benzo(g,h,i)perylene	µg/kg dw	36 J	120	47 J	66	88	95	33 J	74	100	60 U	32 J	34 J
Benzo(k)fluoranthene	µg/kg dw	70	200	66	110	120	160	48 J	160	170	60 U	52 J	51 J
Total benzofluoranthenes	µg/kg dw	147	480	153	230	300	380	115 J	330	420	60 U	109 J	118 J
Chrysene	µg/kg dw	85	310	96	140	190	250	72	220	250	60 U	70	77
Dibenzo(a,h)anthracene	µg/kg dw	12 J	31 J	9.1 J	21 J	29 J	32 J	8.6 J	20 J	29 J	3.0 J	6.1 J	7.4 J
Dibenzofuran	µg/kg dw	61 U	61 U	61 U	62 U	61 U	62 U	61 U	62 U	61 U	60 U	61 U	62 U
Fluoranthene	µg/kg dw	110	390	100	190	300	260	98	280	300	60 U	77	97

Chemical	Unit	EW-RM-10	EW-RM-15	EW-RM-27	EW-RM-29	EW-RM-30	EW-RM-32	EW-RM-33	EW-RM-34	EW-RM-35	EW-RM-36	EW-RM-37	
		EW-RM07-10	EW-RM07-15	EW-RM07-27	EW-RM07-29	EW-RM07-30	EW-RM07-32	EW-RM07-33	EW-RM07-34	EW-RM07-35	EW-RM07-36	EW-RM07-37	EW-RM07-102
Fluorene	µg/kg dw	61 U	61 U	61 U	62 U	61 U	62 U	61 U	62 U	61 U	60 U	61 U	62 U
Indeno(1,2,3-cd)pyrene	µg/kg dw	32 J	110	35 J	58 J	78	83	61 U	69	92	60 U	61 U	62 U
Naphthalene	µg/kg dw	61 U	61 U	61 U	62 U	61 U	62 U	61 U	42 J	61 U	60 U	61 U	62 U
Phenanthrene	µg/kg dw	67	160	53 J	110	200	130	47 J	140	140	60 U	38 J	43 J
Pyrene	µg/kg dw	130	340	120	260	290	290	100	410	300	60 U	85	90
Total HPAH (calc'd)	µg/kg dw	670 J	2,170 J	680 J	1,180 J	1,560 J	1,700 J	510 J	1,700 J	1,820 J	3.0 J	461 J	518 J
Total LPAH (calc'd)	µg/kg dw	67	250	53 J	170 J	250 J	200	47 J	260 J	220	60 U	38 J	43 J
Carcinogenic PAHs–Mammal–half DL	µg/kg dw	91 J	280 J	92 J	150 J	210 J	240 J	66 J	210 J	250 J	44 J	59 J	69 J
Total PAH (calc'd)	µg/kg dw	740 J	2,420 J	740 J	1,340 J	1,810 J	1,900 J	560 J	1,960 J	2,040 J	3.0 J	499 J	561 J
Phthalates													
Bis(2-ethylhexyl)phthalate	µg/kg dw	110	560	150	260	810	350	150	690	440	56 J	140	170
Butyl benzyl phthalate	µg/kg dw	13	46 J	13	19	100	43	9.8	33	36 J	6.0 U	9.1	13
Diethyl phthalate	µg/kg dw	61 U	61 U	61 U	62 U	61 U	62 U	61 U	62 U	61 U	60 U	61 U	62 U
Dimethyl phthalate	µg/kg dw	6.1 U	6.2	6.1 U	6.2 U	28	3.1 J	6.1 U	6.2 U	3.1 J	6.0 U	6.1 U	6.2 U
Di-n-butyl phthalate	µg/kg dw	61 U	61 U	61 U	62 U	61 U	35 J	61 U	62 U	61 U	60 U	61 U	62 U
Di-n-octyl phthalate	µg/kg dw	61 U	61 U	61 U	62 U	46 J	62 U	61 U	62 U	61 U	60 U	61 UJ	62 UJ
Other SVOCs													
1,2,4-Trichlorobenzene	µg/kg dw	6.1 U	6.2 U	6.1 U	4.4 J	6.1 U	6.2 U	6.1 U	9.3	6.1 U	6.0 U	6.1 U	6.2 U
1,2-Dichlorobenzene	µg/kg dw	6.1 U	6.2 U	6.1 U	6.2 U	6.1 U	6.2 U	6.1 U	6.2	6.1 U	6.0 U	6.1 U	6.2 U
1,3-Dichlorobenzene	µg/kg dw	61 U	61 U	61 U	62 U	61 U	62 U	61 U	62 U	61 U	60 U	61 U	62 U
1,4-Dichlorobenzene	µg/kg dw	29	270	19	89	1,500	310	18	130	120	6.0	34	37
2,4,5-Trichlorophenol	µg/kg dw	300 U	310 U	300 U	310 U	300 U	310 U	300 U	310 U	310 U	300 U	300 U	310 U
2,4,6-Trichlorophenol	µg/kg dw	300 U	310 U	300 U	310 U	300 U	310 U	300 U	310 U	310 U	300 U	300 U	310 U
2,4-Dichlorophenol	µg/kg dw	300 U	310 U	300 U	310 U	300 U	310 U	300 U	310 U	310 U	300 U	300 U	310 U
2,4-Dimethylphenol	µg/kg dw	6.1 U	6.2 U	6.1 U	6.2 U	6.1 U	6.2 U	6.1 U	6.2 U	6.1 U	6.0 U	6.1 U	6.2 U
2,4-Dinitrophenol	µg/kg dw	610 UJ	610 U	610 U	620 UJ	610 UJ	620 UJ	610 UJ	620 UJ	610 U	600 UJ	610 U	620 U
2,4-Dinitrotoluene	µg/kg dw	300 U	310 U	300 U	310 U	300 U	310 U	300 U	310 U	310 U	300 U	300 U	310 U
2,6-Dinitrotoluene	µg/kg dw	300 U	310 U	300 U	310 U	300 U	310 U	300 U	310 U	310 U	300 U	300 U	310 U
2-Chlorophenol	µg/kg dw	61 U	61 U	61 U	62 U	61 U	62 U	61 U	62 U	61 U	60 U	61 U	62 U
2-Methylphenol	µg/kg dw	6.1 U	6.2 U	6.1 U	6.2 U	6.1 U	6.2 U	6.1 U	3.7 J	6.1 U	6.0 U	6.1 U	6.2 U

Chemical	Unit	EW-RM-10	EW-RM-15	EW-RM-27	EW-RM-29	EW-RM-30	EW-RM-32	EW-RM-33	EW-RM-34	EW-RM-35	EW-RM-36	EW-RM-37	
		EW-RM07-10	EW-RM07-15	EW-RM07-27	EW-RM07-29	EW-RM07-30	EW-RM07-32	EW-RM07-33	EW-RM07-34	EW-RM07-35	EW-RM07-36	EW-RM07-37	EW-RM07-102
2-Nitroaniline	µg/kg dw	300 U	310 U	300 U	310 U	300 U	310 U	300 U	310 U	310 U	300 U	300 U	310 U
2-Nitrophenol	µg/kg dw	300 U	310 U	300 U	310 U	300 U	310 U	300 U	310 U	310 U	300 U	300 U	310 U
3,3'-Dichlorobenzidine	µg/kg dw	300 U	310 U	300 U	310 U	300 U	310 U	300 U	310 U	310 U	300 U	300 U	310 U
3-Nitroaniline	µg/kg dw	300 U	310 U	300 U	310 U	300 U	310 U	300 U	310 U	310 U	300 U	300 U	310 U
4,6-Dinitro-o-cresol	µg/kg dw	610 U	610 U	610 U	620 U	610 U	620 U	610 U	620 U	610 U	600 U	610 U	620 U
4-Bromophenyl phenyl ether	µg/kg dw	61 U	61 U	61 U	62 U	61 U	62 U	61 U	62 U	61 U	60 U	61 U	62 U
4-Chloro-3-methylphenol	µg/kg dw	300 U	310 U	300 U	310 U	300 U	310 U	300 U	310 U	310 U	300 U	300 U	310 U
4-Chloroaniline	µg/kg dw	300 U	310 U	300 U	310 U	300 U	310 U	300 U	310 U	310 U	300 U	300 U	310 U
4-Chlorophenyl phenyl ether	µg/kg dw	61 U	61 U	61 U	62 U	61 U	62 U	61 U	62 U	61 U	60 U	61 U	62 U
4-Methylphenol	µg/kg dw	61 U	61 U	61 U	62 U	89	62 U	61 U	62 U	61 U	60 U	61 U	62 U
4-Nitroaniline	µg/kg dw	300 U	310 U	300 U	310 U	300 U	310 U	300 U	310 U	310 U	300 U	300 U	310 U
4-Nitrophenol	µg/kg dw	300 U	310 U	300 U	310 U	300 U	310 U	300 U	310 U	310 U	300 U	300 U	310 U
Aniline	µg/kg dw	61 U	61 U	61 U	62 U	61 U	62 U	61 U	62 U	61 U	60 U	61 U	62 U
Benzoic acid	µg/kg dw	610 UJ	610 U	610 U	620 UJ	610 UJ	620 UJ	610 UJ	620 UJ	610 U	600 UJ	610 U	620 U
Benzyl alcohol	µg/kg dw	30 U	31 UJ	30 U	31 U	30 U	31 U	31 U	31 U	31 UJ	30 U	30 UJ	31 UJ
bis(2-chloroethoxy)methane	µg/kg dw	61 U	61 U	61 U	62 U	61 U	62 U	61 U	62 U	61 U	60 U	61 U	62 U
bis(2-chloroethyl)ether	µg/kg dw	61 U	61 U	61 U	62 U	61 U	62 U	61 U	62 U	61 U	60 U	61 U	62 U
bis(2-chloroisopropyl)ether	µg/kg dw	61 U	61 U	61 U	62 U	61 U	62 U	61 U	62 U	61 U	60 U	61 U	62 U
Hexachlorobenzene	µg/kg dw	0.99 U	1.0 U	0.99 U	0.98 U	4.8 U	1.6 U	0.98 U	3.3 U	0.99 U	0.98 U	0.97 U	0.98 U
Hexachlorobutadiene	µg/kg dw	0.99 U	1.0 U	0.99 U	0.98 U	4.8 U	1.6 U	0.98 U	3.3 U	0.99 U	0.98 U	0.97 U	0.98 U
Hexachlorocyclopentadiene	µg/kg dw	300 U	310 UJ	300 UJ	310 U	300 U	310 U	300 U	310 U	310 UJ	300 U	300 UJ	310 UJ
Hexachloroethane	µg/kg dw	61 U	61 U	61 U	62 U	61 U	62 U	61 U	62 U	61 U	60 U	61 U	62 U
Isophorone	µg/kg dw	61 U	61 U	61 U	62 U	61 U	62 U	61 U	62 U	61 U	60 U	61 U	62 U
Nitrobenzene	µg/kg dw	61 U	61 U	61 U	62 U	61 U	62 U	61 U	62 U	61 U	60 U	61 U	62 U
N-Nitrosodimethylamine	µg/kg dw	30 U	31 U	30 U	31 U	30 U	31 U	31 U	31 U	31 U	30 U	30 U	31 U
N-Nitroso-di-n-propylamine	µg/kg dw	30 U	31 U	30 U	31 U	30 U	31 U	31 U	31 U	31 U	30 U	30 U	31 U
N-Nitrosodiphenylamine	µg/kg dw	6.1 U	6.8 U	6.1 U	8.1 U	7.9 U	6.2 U	6.1 U	12 U	6.1 U	6.0 U	6.1 U	6.2 U
Pentachlorophenol	µg/kg dw	58 U	62 U	55 U	60 U	62 U	60 U	57 U	59 U	62 U	54 U	61 U	58 U
Phenol	µg/kg dw	61 U	61 U	68	64	60 J	62 U	61 U	62 U	61 U	60 U	61 U	62 U
Polychlorinated biphenyls													

Chemical	Unit	EW-RM-10	EW-RM-15	EW-RM-27	EW-RM-29	EW-RM-30	EW-RM-32	EW-RM-33	EW-RM-34	EW-RM-35	EW-RM-36	EW-RM-37	
		EW-RM07-10	EW-RM07-15	EW-RM07-27	EW-RM07-29	EW-RM07-30	EW-RM07-32	EW-RM07-33	EW-RM07-34	EW-RM07-35	EW-RM07-36	EW-RM07-37	EW-RM07-102
Aroclor-1016	µg/kg dw	20 U	20 U	20 U	19 U	19 U	20 U	20 U	20 U	20 U	20 U	20 U	19 U
Aroclor-1221	µg/kg dw	20 U	20 U	20 U	19 U	19 U	20 U	20 U	20 U	20 U	20 U	20 U	19 U
Aroclor-1232	µg/kg dw	20 U	20 U	20 U	19 U	19 U	20 U	20 U	20 U	20 U	20 U	20 U	19 U
Aroclor-1242	µg/kg dw	20 U	20 U	20 U	19 U	19 U	20 U	20 U	20 U	20 U	20 U	20 U	19 U
Aroclor-1248	µg/kg dw	20 U	35	20 U	77	46 J	31	20 U	400 U	29	20 U	20 U	19 U
Aroclor-1254	µg/kg dw	42	130	47	220	130	120	35	940	95	20 U	46	40
Aroclor-1260	µg/kg dw	67	280	100	340	220	270	64	1,600	200	26	160 J	94
PCBs (total calc'd)	µg/kg dw	109	450	150	640	400 J	420	99	2,500	320	26	210 J	134
Pesticides													
2,4'-DDD	µg/kg dw	2.0 U	2.0 U	2.0 U	2.0 U	9.7 U	3.2 U	2.0 U	6.7 U	2.0 U	2.0 U	2.0 U	2.0 U
2,4'-DDE	µg/kg dw	2.0 U	2.0 U	2.0 U	26 U	9.7 U	7.5 U	2.0 U	62 U	22 U	2.0 U	2.0 U	2.0 U
2,4'-DDT	µg/kg dw	2.0 U	2.0 U	2.0 U	2.0 U	9.7 U	3.2 U	2.0 U	6.7 U	2.0 U	2.0 U	2.0 U	2.0 U
4,4'-DDD	µg/kg dw	2.0 U	2.0 U	2.0 U	2.0 U	9.7 U	3.2 U	2.0 U	6.7 U	2.0 U	2.0 U	2.0 U	2.0 U
4,4'-DDE	µg/kg dw	2.0 U	2.0 U	2.0 U	2.0 U	9.7 U	3.2 U	2.0 U	17 U	2.0 U	2.0 U	2.0 U	2.0 U
4,4'-DDT	µg/kg dw	13 U	31 U	12 U	30 U	50 U	42 U	7.3 U	98 U	26 U	2.9 U	9.2 U	2.0 U
DDTs (total-calc'd)	µg/kg dw	13 U	31 U	12 U	30 U	50 U	42 U	7.3 U	98 U	26 U	2.9 U	9.2 U	2.0 U
Aldrin	µg/kg dw	0.99 U	1.0 U	0.99 U	0.98 U	4.8 U	1.6 U	0.98 U	3.3 U	0.99 U	0.98 U	0.97 U	0.98 U
Dieldrin	µg/kg dw	3.2 U	10 U	3.9 U	9.6 U	16 U	8.8 U	2.0 U	39 U	6.2 U	2.0 U	2.2 U	2.0 U
Total aldrin/dieldrin (calc'd)	µg/kg dw	3.2 U	10 U	3.9 U	9.6 U	16 U	8.8 U	2.0 U	39 U	6.2 U	2.0 U	2.2 U	2.0 U
alpha-BHC	µg/kg dw	0.99 U	1.0 U	0.99 U	0.98 U	4.8 U	1.6 U	0.98 U	3.3 U	0.99 U	0.98 U	0.97 U	0.98 U
beta-BHC	µg/kg dw	0.99 U	1.0 U	0.99 U	0.98 U	4.8 U	1.6 U	0.98 U	3.3 U	0.99 U	0.98 U	0.97 U	0.98 U
gamma-BHC	µg/kg dw	0.99 U	1.0 U	0.99 U	0.98 U	4.8 U	1.6 U	0.98 U	3.3 U	0.99 U	0.98 U	0.97 U	0.98 U
delta-BHC	µg/kg dw	0.99 U	1.8 U	0.99 U	4.7 U	4.8 U	1.6 U	0.98 U	3.3 U	0.99 U	0.98 U	0.97 U	0.98 U
alpha-Chlordane	µg/kg dw	0.99 U	1.0 U	0.99 U	0.98 U	4.8 U	1.6 U	0.98 U	3.3 U	0.99 U	0.98 U	0.97 U	0.98 U
gamma-Chlordane	µg/kg dw	2.3 U	19 U	2.5 U	10 U	31 U	9.0 U	1.7 U	3.3 U	6.2 U	0.98 U	3.7 U	4.0 U
Total chlordane	µg/kg dw	2.3 U	19 U	2.5 U	21 U	31 U	9.0 U	2.0 U	28 U	6.2 U	2.0 U	3.7 U	4.0 U
alpha-Endosulfan	µg/kg dw	0.99 U	1.0 U	0.99 U	0.98 U	4.8 U	1.6 U	0.98 U	3.3 U	0.99 U	0.98 U	0.97 U	0.98 U
beta-Endosulfan	µg/kg dw	3.6 U	9.6 U	2.0 U	10 U	9.7 U	14 U	2.0 U	37 U	6.7 U	2.0 U	2.0 U	2.0 U
Endosulfan sulfate	µg/kg dw	5.0 U	12 U	5.0 U	14 U	29 U	19 U	4.1 U	36 U	9.9 U	2.0 U	4.5 U	3.7 U
Endrin	µg/kg dw	2.0 U	19 U	2.0 U	8.1 U	9.7 U	7.3 U	2.0 U	28 U	24 U	2.0 U	2.0 U	2.0 U

Chemical	Unit	EW-RM-10	EW-RM-15	EW-RM-27	EW-RM-29	EW-RM-30	EW-RM-32	EW-RM-33	EW-RM-34	EW-RM-35	EW-RM-36	EW-RM-37	
		EW-RM07-10	EW-RM07-15	EW-RM07-27	EW-RM07-29	EW-RM07-30	EW-RM07-32	EW-RM07-33	EW-RM07-34	EW-RM07-35	EW-RM07-36	EW-RM07-37	EW-RM07-102
Endrin aldehyde	µg/kg dw	2.0 U	2.0 U	2.0 U	2.0 U	9.7 U	3.2 U	2.0 U	6.7 U	2.0 U	2.0 U	2.0 U	2.0 U
Endrin ketone	µg/kg dw	2.0 U	2.0 U	2.0 U	2.0 U	9.7 U	3.2 U	2.0 U	6.7 U	2.0 U	2.0 U	2.0 U	2.0 U
Heptachlor	µg/kg dw	0.99 U	1.0 U	0.99 U	0.98 U	4.8 U	1.6 U	0.98 U	3.3 U	0.99 U	0.98 U	0.97 U	0.98 U
Heptachlor epoxide	µg/kg dw	3.0 U	7.2 U	3.5 U	20 U	4.8 U	7.2 U	2.5 U	32 U	7.2 U	0.98 U	0.97 U	0.98 U
Methoxychlor	µg/kg dw	9.9 U	10 U	9.9 U	9.8 U	48 U	16 U	9.8 U	33 U	9.9 U	9.8 U	9.7 U	9.8 U
Mirex	µg/kg dw	2.0 U	2.0 U	2.0 U	2.0 U	9.7 U	3.2 U	2.0 U	6.7 U	2.0 U	2.0 U	2.0 U	2.0 U
cis-Nonachlor	µg/kg dw	2.0 U	2.0 U	2.0 U	2.0 U	9.7 U	3.2 U	2.0 U	6.7 U	2.0 U	2.0 U	2.0 U	2.0 U
trans-Nonachlor	µg/kg dw	2.0 U	2.0 U	2.0 U	2.0 U	9.7 U	3.2 U	2.0 U	6.7 U	2.0 U	2.0 U	2.0 U	2.0 U
Oxychlordane	µg/kg dw	2.0 U	2.0 U	2.0 U	21 U	9.7 U	3.2 U	2.0 U	28 U	5.6 U	2.0 U	2.0 U	2.0 U
Toxaphene	µg/kg dw	99 U	100 U	99 U	98 U	480 U	160 U	98 U	330 U	99 U	98 U	97 U	98 U
Grain size													
Fractional % phi >-1 (>2000 µm)	% dw	11.3	1.5	11.8	0.1	16.3	5.8	7.6	5.7	40.9	25.3	*14.8*	15.2
Fractional % phi -1-0 (1000-2000 µm)	% dw	16.1	2.6	17.4	0.3	22.3	8.6	11.7	7.7	3.1	32.2	*23.5*	24.5
Fractional % phi 0-1 (500-1000 µm)	% dw	21.6	5.7	24.7	0.8	18.6	12.2	20.0	8.5	3.9	22.5	*23.3*	23.4
Fractional % phi 1-2 (250-500 µm)	% dw	18.7	10.0	18.6	4.3	11.0	10.7	23.8	7.7	5.4	7.6	*14.6*	14.6
Fractional % phi 2-3 (125-250 µm)	% dw	10.1	16.7	5.9	14.1	10.6	11.6	14.0	7.2	9.7	2.1	*5.2*	5.1
Fractional % phi 3-4 (62.5-125 µm)	% dw	5.7	15.9	4.1	19.2	7.3	10.8	4.2	6.7	9.5	1.1	*3.3*	3.2
Fractional % phi 4-5 (31.2-62.5 µm)	% dw	2.9	9.1	2.6	12.1	2.0	6.6	1.6	6.6	2.6	0.3	*2.7*	1.9
Fractional % phi 5-6 (15.6-31.2 µm)	% dw	2.9	6.8	2.4	11.8	2.5	7.4	1.8	10.5	5.2	0.8	*2.0*	1.9
Fractional % phi 6-7 (7.8-15.6 µm)	% dw	2.6	7.5	2.5	10.1	2.5	6.8	2.5	9.4	4.8	1.2	*2.1*	2.2
Fractional % phi 7-8 (3.9-7.8 µm)	% dw	2.2	6.9	2.7	7.5	1.8	5.3	3.0	8.4	4.1	1.6	*2.2*	2.2
Fractional % phi 8-9 (1.95-3.9 µm)	% dw	1.7	5.3	2.3	6.6	1.5	4.3	3.0	6.8	3.3	1.6	*1.9*	1.7
Fractional % phi 9-10 (0.98-1.95 µm)	% dw	1.4	4.2	2.0	4.6	1.2	3.3	2.3	5.0	2.5	1.4	*1.5*	1.4
Fractional % phi 10+ (<0.98 µm)	% dw	2.7	7.9	3.1	8.6	2.4	6.6	4.5	9.9	5.0	2.4	*3.1*	2.6
Gravel (total calc'd)	% dw	11.3	1.5	11.8	0.1	16.3	5.8	7.6	5.7	40.9	25.3	*14.8*	15.2
Sand (total calc'd)	% dw	72.2	50.9	70.7	38.7	69.8	53.9	73.7	37.8	31.6	65.5	*69.9*	70.8
Silt (total calc'd)	% dw	10.6	30.3	10.2	41.5	8.8	26.1	8.9	34.9	16.7	3.9	*9.0*	8.2
Clay (total calc'd)	% dw	5.8	17.4	7.4	19.8	5.1	14.2	9.8	21.7	10.8	5.4	*6.5*	5.7
Fines (percent silt+clay)	% dw	16.4	47.7	17.6	61.3	13.9	40.3	18.7	56.6	27.5	9.3	*15.5*	13.9

Chemical	Unit	EW-RM-10	EW-RM-15	EW-RM-27	EW-RM-29	EW-RM-30	EW-RM-32	EW-RM-33	EW-RM-34	EW-RM-35	EW-RM-36	EW-RM-37	
		EW-RM07-10	EW-RM07-15	EW-RM07-27	EW-RM07-29	EW-RM07-30	EW-RM07-32	EW-RM07-33	EW-RM07-34	EW-RM07-35	EW-RM07-36	EW-RM07-37	EW-RM07-102
Conventional parameters													
Total organic carbon (TOC)	% dw	1.26	1.34	0.582	1.06	1.86	1.34	0.975	1.68	1.39	0.806	*0.878 J*	1.47
Total solids	% ww	76.50	53.80	73.00	60.80	69.60	61.80	68.20	59.30	59.30	76.80	*73.70*	73.20

Table A-2b. 2007 recontamination monitoring results: sampling locations EW-RM-38 through EW-RM-47

Chemical	Unit	EW-RM-38	EW-RM-39	EW-RM-4	EW-RM-40	EW-RM-41	EW-RM-42	EW-RM-43	EW-RM-44	EW-RM-45		EW-RM-46	EW-RM-47
		EW-RM07-38	EW-RM07-39	EW-RM07-4	EW-RM07-40	EW-RM07-41	EW-RM07-42	EW-RM07-43	EW-RM07-44	EW-RM07-45	EW-RM07-101	EW-RM07-46	EW-RM07-47
Metals and trace elements													
Antimony	mg/kg dw	9 UJ	7 UJ	7 UJ	6 UJ	9 UJ	6 UJ	6 UJ	*7 UJ*	*8 UJ*	9 UJ	6 UJ	8 UJ
Arsenic	mg/kg dw	9 U	7 U	7 U	6 U	9 U	6 U	6 U	*7 U*	*8 U*	9 U	6 U	9
Cadmium	mg/kg dw	0.8	0.4	0.3	0.2 U	1.0	0.2 U	0.3	*0.5*	*0.5*	0.5	0.2 U	0.9
Chromium	mg/kg dw	32.0	21.2	20.4	14.8	31.2	19.3	25.6	*27.1*	*24.6*	23.8	16.3	32.5
Copper	mg/kg dw	65.6	31.4	31.2	21.6	58.6	23.9	29.5	*42.2*	*62.2*	64.1	16.1	62.2
Lead	mg/kg dw	38	12	14	4	41	5	12	*23*	*26*	26	3	54
Mercury	mg/kg dw	0.30	0.14	0.12	0.05	0.34	0.05 U	0.10	*0.26*	*0.24*	0.23	0.05	0.40
Nickel	mg/kg dw	21	20	16	19	21	22	22	*20*	*17*	17	18	23
Silver	mg/kg dw	0.7	0.4 U	0.4 U	0.3 U	0.7	0.4 U	0.4 U	*0.4 U*	*0.5 U*	0.5 U	0.3 U	0.7
Zinc	mg/kg dw	137	65.8	57.6	40.3	118	42.1	56.1	*81.7*	*89*	90	36.1	131
PAHs													
2-Chloronaphthalene	µg/kg dw	61 U	60 U	61 U	61 U	61 U	61 U	60 U	62 U	62 U	61 U	61 U	62 U
2-Methylnaphthalene	µg/kg dw	61 U	60 U	61 U	61 U	61 U	61 U	60 U	62 U	62 U	61 U	61 U	62 U
Acenaphthene	µg/kg dw	61 U	60 U	61 U	61 U	61 U	61 U	60 U	62 U	62 U	61 U	61 U	62 U
Acenaphthylene	µg/kg dw	61 U	60 U	61 U	61 U	61 U	61 U	60 U	62 U	62 U	61 U	61 U	62 U
Anthracene	µg/kg dw	100	60 U	36 J	61 U	72	61 U	60 U	55 J	58 J	86	61 U	89
Benzo(a)anthracene	µg/kg dw	200	52 J	69	61 UJ	150	61 U	51 J	120	130	160	61 U	150
Benzo(a)pyrene	µg/kg dw	200	58 J	73	61 U	170	61 U	56 J	130	140	180	61 U	170
Benzo(b)fluoranthene	µg/kg dw	260	74	110	61 U	200	34 J	80	170	210	230	61 U	160
Benzo(g,h,i)perylene	µg/kg dw	120	38 J	47 J	61 U	93	61 U	32 J	82	96	110	61 U	91
Benzo(k)fluoranthene	µg/kg dw	230	60 J	66	61 U	190	31 J	64	140	130	190	61 U	230
Total benzofluoranthenes	µg/kg dw	490	134 J	180	61 U	390	65 J	144	310	340	420	61 U	390
Chrysene	µg/kg dw	310	84	100	61 U	220	37 J	76	180	210	280	61 U	230
Dibenzo(a,h)anthracene	µg/kg dw	39 J	9.1 J	17 J	4.8 J	27 J	4.9 J	8.5 J	20 J	27 J	33 J	3.0 J	26 J
Dibenzofuran	µg/kg dw	61 U	60 U	61 U	61 U	61 U	61 U	60 U	62 U	62 U	61 U	61 U	62 U
Fluoranthene	µg/kg dw	380	86	100	41 J	240	43 J	85	200	230	270	61 U	310

Chemical	Unit	EW-RM-38	EW-RM-39	EW-RM-4	EW-RM-40	EW-RM-41	EW-RM-42	EW-RM-43	EW-RM-44	EW-RM-45		EW-RM-46	EW-RM-47
		EW-RM07-38	EW-RM07-39	EW-RM07-4	EW-RM07-40	EW-RM07-41	EW-RM07-42	EW-RM07-43	EW-RM07-44	EW-RM07-45	EW-RM07-101	EW-RM07-46	EW-RM07-47
Fluorene	µg/kg dw	40 J	60 U	61 U	61 U	61 U	61 U	60 U	62 U	62 U	61 U	61 U	62 U
Indeno(1,2,3-cd)pyrene	µg/kg dw	110	35 J	41 J	61 U	87	61 U	60 U	74	87	96	61 U	89
Naphthalene	µg/kg dw	61 U	60 U	61 U	61 U	61 U	61 U	60 U	62 U	62 U	61 U	61 U	62 U
Phenanthrene	µg/kg dw	170	39 J	60 J	61 U	130	61 U	40 J	90	100	140	61 U	120
Pyrene	µg/kg dw	350	97	160	41 J	310	47 J	100	210	250	300	61 U	310
Total HPAH (calc'd)	µg/kg dw	2,200 J	593 J	780 J	87 J	1,690 J	197 J	550 J	1,330 J	1,510 J	1,850 J	3.0 J	1,770 J
Total LPAH (calc'd)	µg/kg dw	310 J	39 J	96 J	61 U	200	61 U	40 J	145 J	160 J	230	61 U	210
Carcinogenic PAHs–Mammal–half DL	µg/kg dw	300 J	85 J	110 J	45 J	250 J	45 J	83 J	190 J	210 J	260 J	44 J	250 J
Total PAH (calc'd)	µg/kg dw	2,510 J	632 J	880 J	87 J	1,890 J	197 J	590 J	1,470 J	1,670 J	2,080 J	3.0 J	1,980 J
Phthalates													
Bis(2-ethylhexyl)phthalate	µg/kg dw	590	120	170	42 J	310	63	150	360	310	290	49 J	400
Butyl benzyl phthalate	µg/kg dw	40 J	12	12	4.8 J	28	4.9 J	11	21	40	39	6.1 U	42
Diethyl phthalate	µg/kg dw	61 U	60 U	61 U	61 U	61 U	61 U	60 U	62 U	62 U	61 U	61 U	62 U
Dimethyl phthalate	µg/kg dw	4.9 J	6.1 U	6.1 U	6.1 U	4.9 J	6.2 U	6.0 U	3.7 J	6.2 U	6.1 U	6.1 U	3.7 J
Di-n-butyl phthalate	µg/kg dw	61 U	60 U	61 U	61 U	61 U	61 U	60 U	62 U	62 U	61 U	61 U	62 U
Di-n-octyl phthalate	µg/kg dw	61 U	60 UJ	61 U	61 UJ	61 U	61 U	60 U	62 U	62 U	61 U	61 U	62 U
Other SVOCs													
1,2,4-Trichlorobenzene	µg/kg dw	6.1 U	6.1 U	6.1 U	6.1 U	4.9 J	6.2 U	6.0 U	6.2 U	6.2 U	6.1 U	6.1 U	4.3 J
1,2-Dichlorobenzene	µg/kg dw	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.2 U	6.0 U	6.2 U	6.2 U	6.1 U	6.1 U	6.2 U
1,3-Dichlorobenzene	µg/kg dw	61 U	60 U	61 U	61 U	61 U	61 U	60 U	62 U	62 U	61 U	61 U	62 U
1,4-Dichlorobenzene	µg/kg dw	210	21	21	5.4 J	39	6.2	14	25	41	44	7.3	68
2,4,5-Trichlorophenol	µg/kg dw	310 U	300 U	300 U	300 U	300 U	310 U	300 U	310 U	310 U	310 U	300 U	310 U
2,4,6-Trichlorophenol	µg/kg dw	310 U	300 U	300 U	300 U	300 U	310 U	300 U	310 U	310 U	310 U	300 U	310 U
2,4-Dichlorophenol	µg/kg dw	310 U	300 U	300 U	300 U	300 U	310 U	300 U	310 U	310 U	310 U	300 U	310 U
2,4-Dimethylphenol	µg/kg dw	3.7 J	6.1 U	6.1 U	6.1 U	6.1 U	6.2 U	6.0 U	6.2 U	6.2 U	6.1 U	6.1 U	6.2 U
2,4-Dinitrophenol	µg/kg dw	610 U	600 U	610 UJ	610 U	610 UJ	610 UJ	600 UJ	620 U	620 UJ	610 UJ	610 UJ	620 UJ
2,4-Dinitrotoluene	µg/kg dw	310 U	300 U	300 U	300 U	300 U	310 U	300 U	310 U	310 U	310 U	300 U	310 U
2,6-Dinitrotoluene	µg/kg dw	310 U	300 U	300 U	300 U	300 U	310 U	300 U	310 U	310 U	310 U	300 U	310 U
2-Chlorophenol	µg/kg dw	61 U	60 U	61 U	61 U	61 U	61 U	60 U	62 U	62 U	61 U	61 U	62 U
2-Methylphenol	µg/kg dw	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.2 U	6.0 U	6.2 U	6.2 U	6.1 U	6.1 U	6.2 U

Chemical	Unit	EW-RM-38	EW-RM-39	EW-RM-4	EW-RM-40	EW-RM-41	EW-RM-42	EW-RM-43	EW-RM-44	EW-RM-45		EW-RM-46	EW-RM-47
		EW-RM07-38	EW-RM07-39	EW-RM07-4	EW-RM07-40	EW-RM07-41	EW-RM07-42	EW-RM07-43	EW-RM07-44	EW-RM07-45	EW-RM07-101	EW-RM07-46	EW-RM07-47
2-Nitroaniline	µg/kg dw	310 U	300 U	300 U	300 U	300 U	310 U	300 U	310 U	310 U	310 U	300 U	310 U
2-Nitrophenol	µg/kg dw	310 U	300 U	300 U	300 U	300 U	310 U	300 U	310 U	310 U	310 U	300 U	310 U
3,3'-Dichlorobenzidine	µg/kg dw	310 U	300 U	300 U	300 U	300 U	310 U	300 U	310 U	310 U	310 U	300 U	310 U
3-Nitroaniline	µg/kg dw	310 U	300 U	300 U	300 U	300 U	310 U	300 U	310 U	310 U	310 U	300 U	310 U
4,6-Dinitro-o-cresol	µg/kg dw	610 U	600 U	610 U	610 U	610 U	610 U	600 U	620 U	620 U	610 U	610 U	620 U
4-Bromophenyl phenyl ether	µg/kg dw	61 U	60 U	61 U	61 U	61 U	61 U	60 U	62 U	62 U	61 U	61 U	62 U
4-Chloro-3-methylphenol	µg/kg dw	310 U	300 U	300 U	300 U	300 U	310 U	300 U	310 U	310 U	310 U	300 U	310 U
4-Chloroaniline	µg/kg dw	310 U	300 U	300 U	300 U	300 U	310 U	300 U	310 U	310 U	310 U	300 U	310 U
4-Chlorophenyl phenyl ether	µg/kg dw	61 U	60 U	61 U	61 U	61 U	61 U	60 U	62 U	62 U	61 U	61 U	62 U
4-Methylphenol	µg/kg dw	61 U	60 U	61 U	61 U	61 U	61 U	60 U	62 U	62 U	61 U	61 U	62 U
4-Nitroaniline	µg/kg dw	310 U	300 U	300 U	300 U	300 U	310 U	300 U	310 U	310 U	310 U	300 U	310 U
4-Nitrophenol	µg/kg dw	310 U	300 U	300 U	300 U	300 U	310 U	300 U	310 U	310 U	310 U	300 U	310 U
Aniline	µg/kg dw	61 U	60 U	61 U	61 U	61 U	61 U	60 U	62 U	62 U	61 U	61 U	62 U
Benzoic acid	µg/kg dw	610 U	600 U	610 UJ	610 U	610 UJ	610 UJ	600 UJ	620 U	620 UJ	610 UJ	610 UJ	620 UJ
Benzyl alcohol	µg/kg dw	31 UJ	30 UJ	30 U	30 UJ	30 U	31 U	30 U	31 UJ	31 U	31 U	30 U	31 U
bis(2-chloroethoxy)methane	µg/kg dw	61 U	60 U	61 U	61 U	61 U	61 U	60 U	62 U	62 U	61 U	61 U	62 U
bis(2-chloroethyl)ether	µg/kg dw	61 U	60 U	61 U	61 U	61 U	61 U	60 U	62 U	62 U	61 U	61 U	62 U
bis(2-chloroisopropyl)ether	µg/kg dw	61 U	60 U	61 U	61 U	61 U	61 U	60 U	62 U	62 U	61 U	61 U	62 U
Hexachlorobenzene	µg/kg dw	0.98 U	0.99 U	0.99 U	0.97 U	0.99 U	0.97 U	0.97 U	0.98 U	1.0 U	0.99 U	0.97 U	0.98 U
Hexachlorobutadiene	µg/kg dw	0.98 U	0.99 U	0.99 U	0.97 U	0.99 U	0.97 U	0.97 U	0.98 U	1.0 U	0.99 U	0.97 U	0.98 U
Hexachlorocyclopentadiene	µg/kg dw	310 UJ	300 UJ	300 U	300 UJ	300 U	310 U	300 U	310 UJ	310 U	310 U	300 U	310 U
Hexachloroethane	µg/kg dw	61 U	60 U	61 U	61 U	61 U	61 U	60 U	62 U	62 U	61 U	61 U	62 U
Isophorone	µg/kg dw	61 U	60 U	61 U	61 U	61 U	61 U	60 U	62 U	62 U	61 U	61 U	62 U
Nitrobenzene	µg/kg dw	61 U	60 U	61 U	61 U	61 U	61 U	60 U	62 U	62 U	61 U	61 U	62 U
N-Nitrosodimethylamine	µg/kg dw	31 U	30 U	30 U	30 U	30 U	31 U	30 U	31 U	31 U	31 U	30 U	31 U
N-Nitroso-di-n-propylamine	µg/kg dw	31 U	30 U	30 U	30 U	30 U	31 U	30 U	31 U	31 U	31 U	30 U	31 U
N-Nitrosodiphenylamine	µg/kg dw	7.3 U	6.1 U	6.1 U	6.1 U	6.1 U	6.2 U	6.0 U	6.2 U	6.2 U	6.1 U	6.1 U	7.4 U
Pentachlorophenol	µg/kg dw	62 U	57 U	58 U	57 U	58 U	56 U	56 U	60 U	73	62	57 U	64 U
Phenol	µg/kg dw	61 U	60 U	61 U	61 U	61 U	61 U	60 U	62 U	62 U	61 U	61 U	45 J
Polychlorinated biphenyls													

Chemical	Unit	EW-RM-38	EW-RM-39	EW-RM-4	EW-RM-40	EW-RM-41	EW-RM-42	EW-RM-43	EW-RM-44	EW-RM-45		EW-RM-46	EW-RM-47
		EW-RM07-38	EW-RM07-39	EW-RM07-4	EW-RM07-40	EW-RM07-41	EW-RM07-42	EW-RM07-43	EW-RM07-44	EW-RM07-45	EW-RM07-101	EW-RM07-46	EW-RM07-47
Aroclor-1016	µg/kg dw	19 U	20 U	20 U	19 U	20 U	19 U	19 U	19 U	20 U	20 U	19 U	20 U
Aroclor-1221	µg/kg dw	19 U	20 U	20 U	19 U	20 U	19 U	19 U	19 U	20 U	20 U	19 U	20 U
Aroclor-1232	µg/kg dw	19 U	20 U	20 U	19 U	20 U	19 U	19 U	19 U	20 U	20 U	19 U	20 U
Aroclor-1242	µg/kg dw	19 U	20 U	20 U	19 U	20 U	19 U	19 U	19 U	20 U	20 U	19 U	20 U
Aroclor-1248	µg/kg dw	34	20 U	34 J	19 U	80	19 U	22	37	33	36	19 U	35
Aroclor-1254	µg/kg dw	110	35	120	19 U	270	25	55	110	150	150 J	19 U	140
Aroclor-1260	µg/kg dw	180	67	150	19 U	490	38	92	190	360 J	220	20	250
PCBs (total calc'd)	µg/kg dw	320	102	300 J	19 U	840	63	169	340	540 J	410 J	20	430
Pesticides													
2,4'-DDD	µg/kg dw	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U
2,4'-DDE	µg/kg dw	6.8 U	2.0 U	6.6 U	1.9 U	2.0 U	1.9 U	2.0 U	7.3 U	6.7 U	8.4 U	1.9 U	9.0 U
2,4'-DDT	µg/kg dw	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U
4,4'-DDD	µg/kg dw	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U
4,4'-DDE	µg/kg dw	3.2 U	2.0 U	2.0 U	1.9 U	5.6 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	3.6 U
4,4'-DDT	µg/kg dw	21 U	2.0 U	20 U	1.9 U	2.0 U	1.9 U	8.6 U	23 U	24 U	25 U	2.2 U	2.0 U
DDTs (total-calc'd)	µg/kg dw	21 U	2.0 U	20 U	1.9 U	5.6 U	1.9 U	8.6 U	23 U	24 U	25 U	2.2 U	9.0 U
Aldrin	µg/kg dw	0.98 U	0.99 U	0.99 U	0.97 U	0.99 U	0.97 U	0.97 U	0.98 U	1.0 U	0.99 U	0.97 U	0.98 U
Dieldrin	µg/kg dw	4.7 U	2.0 U	4.4 U	1.9 U	7.6 U	1.9 U	2.0 U	6.2 U	9.2 U	6.4 U	1.9 U	8.8 U
Total aldrin/dieldrin (calc'd)	µg/kg dw	4.7 U	2.0 U	4.4 U	1.9 U	7.6 U	1.9 U	2.0 U	6.2 U	9.2 U	6.4 U	1.9 U	8.8 U
alpha-BHC	µg/kg dw	0.98 U	0.99 U	0.99 U	0.97 U	0.99 U	0.97 U	0.97 U	0.98 U	1.0 U	0.99 U	0.97 U	0.98 U
beta-BHC	µg/kg dw	0.98 U	0.99 U	0.99 U	0.97 U	0.99 U	0.97 U	0.97 U	0.98 U	1.0 U	0.99 U	0.97 U	0.98 U
gamma-BHC	µg/kg dw	0.98 U	0.99 U	0.99 U	0.97 U	0.99 U	0.97 U	0.97 U	0.98 U	1.0 U	0.99 U	0.97 U	0.98 U
delta-BHC	µg/kg dw	1.5 U	0.99 U	0.99 U	0.97 U	0.99 U	5.0 U	0.97 U	0.98 U	1.0 U	0.99 U	0.97 U	0.98 U
alpha-Chlordane	µg/kg dw	0.98 U	0.99 U	0.99 U	0.97 U	0.99 U	0.97 U	0.97 U	0.98 U	1.0 U	0.99 U	0.97 U	0.98 U
gamma-Chlordane	µg/kg dw	13 U	1.9 U	2.7 U	0.97 U	4.8 U	2.6 U	1.8 U	4.5 U	4.9 U	4.5 U	0.97 U	12 U
Total chlordane	µg/kg dw	13 U	2.0 U	2.7 U	1.9 U	4.8 U	2.6 U	2.0 U	4.5 U	5.5 U	7.8 U	1.9 U	12 U
alpha-Endosulfan	µg/kg dw	0.98 U	0.99 U	0.99 U	0.97 U	0.99 U	0.97 U	0.97 U	0.98 U	1.0 U	0.99 U	0.97 U	0.98 U
beta-Endosulfan	µg/kg dw	7.4 U	2.0 U	2.0 U	1.9 U	10 U	1.9 U	2.0 U	7.0 U	7.0 U	7.5 U	1.9 U	7.9 U
Endosulfan sulfate	µg/kg dw	9.1 U	2.0 U	7.5 U	1.9 U	11 U	1.9 U	3.5 U	10 U	8.3 U	10 U	1.9 U	9.2 U
Endrin	µg/kg dw	23 U	2.0 U	4.2 U	1.9 U	19 U	1.9 U	2.0 U	11 U	7.1 U	5.6 U	1.9 U	7.2 U

Chemical	Unit	EW-RM-38	EW-RM-39	EW-RM-4	EW-RM-40	EW-RM-41	EW-RM-42	EW-RM-43	EW-RM-44	EW-RM-45		EW-RM-46	EW-RM-47
		EW-RM07-38	EW-RM07-39	EW-RM07-4	EW-RM07-40	EW-RM07-41	EW-RM07-42	EW-RM07-43	EW-RM07-44	EW-RM07-45	EW-RM07-101	EW-RM07-46	EW-RM07-47
Endrin aldehyde	µg/kg dw	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U
Endrin ketone	µg/kg dw	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U
Heptachlor	µg/kg dw	0.98 U	0.99 U	0.99 U	0.97 U	0.99 U	0.97 U	0.97 U	0.98 U	1.0 U	0.99 U	0.97 U	0.98 U
Heptachlor epoxide	µg/kg dw	7.4 U	0.99 U	5.3 U	0.97 U	9.4 U	0.97 U	3.1 U	7.2 U	6.2 U	7.8 U	0.97 U	8.4 U
Methoxychlor	µg/kg dw	9.8 U	9.9 U	9.9 U	9.7 U	9.9 U	9.7 U	9.7 U	9.8 U	10 U	9.9 U	9.7 U	9.8 U
Mirex	µg/kg dw	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U
cis-Nonachlor	µg/kg dw	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U
trans-Nonachlor	µg/kg dw	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U
Oxychlordane	µg/kg dw	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U	5.5 U	7.8 U	1.9 U	2.0 U
Toxaphene	µg/kg dw	98 U	99 U	99 U	97 U	99 U	97 U	97 U	98 U	100 U	99 U	97 U	98 U
Grain size													
Fractional % phi >-1 (>2000 µm)	% dw	25.5	14.2	0.1	34.2	0.1	18.5	8.3	5.9	*0.1*	0.1 U	23.6	0.1 U
Fractional % phi -1-0 (1000-2000 µm)	% dw	2.8	19.7	0.6	34.0	1.0	26.1	18.7	13.7	*0.5*	0.4	31.9	0.3
Fractional % phi 0-1 (500-1000 µm)	% dw	4.3	24.7	6.9	17.0	5.9	29.5	24.3	15.6	*1.5*	1.6	27.4	0.8
Fractional % phi 1-2 (250-500 µm)	% dw	7.1	15.3	26.2	6.0	14.4	15.0	21.6	13.2	*6.5*	6.8	9.6	5.3
Fractional % phi 2-3 (125-250 µm)	% dw	8.5	4.8	28.3	1.6	12.8	3.9	7.1	9.5	*18.2*	18.3	1.9	15.0
Fractional % phi 3-4 (62.5-125 µm)	% dw	7.6	3.7	12.2	0.7	14.3	1.6	4.0	8.9	*18.6*	17.9	0.7	9.2
Fractional % phi 4-5 (31.2-62.5 µm)	% dw	6.4	1.8	5.4	0.6	11.2	0.5	2.5	6.2	*9.9*	9.6	0.5	9.0
Fractional % phi 5-6 (15.6-31.2 µm)	% dw	7.1	2.4	4.0	0.6	8.1	0.8	2.1	4.5	*8.0*	8.9	0.6	10.7
Fractional % phi 6-7 (7.8-15.6 µm)	% dw	6.7	2.8	3.8	0.9	7.3	1.0	2.4	5.1	*8.3*	7.8	0.7	12.0
Fractional % phi 7-8 (3.9-7.8 µm)	% dw	6.3	2.7	3.0	1.1	7.7	0.9	2.4	4.6	*7.0*	7.3	0.8	10.5
Fractional % phi 8-9 (1.95-3.9 µm)	% dw	5.3	2.3	3.0	1.0	5.2	0.7	1.9	3.8	*6.9*	6.8	0.7	8.6
Fractional % phi 9-10 (0.98-1.95 µm)	% dw	4.0	1.9	2.2	0.8	4.2	0.5	1.5	3.2	*5.1*	5.0	0.5	6.2
Fractional % phi 10+ (<0.98 µm)	% dw	8.4	3.6	4.4	1.6	7.9	1.0	3.0	5.9	*9.7*	9.7	1.1	12.4
Gravel (total calc'd)	% dw	25.5	14.2	0.1	34.2	0.1	18.5	8.3	5.9	*0.1*	0.1 U	23.6	0.1 U
Sand (total calc'd)	% dw	30.3	68.2	74.2	59.3	48.4	76.1	75.7	60.9	*45.3*	45.0	71.5	30.6
Silt (total calc'd)	% dw	26.5	9.7	16.2	3.2	34.3	3.2	9.4	20.4	*33.2*	33.6	2.6	42.2
Clay (total calc'd)	% dw	17.7	7.8	9.6	3.4	17.3	2.2	6.4	12.9	*21.7*	21.5	2.3	27.2
Fines (percent silt+clay)	% dw	44.2	17.5	25.8	6.6	51.6	5.4	15.8	33.3	*54.9*	55.1	4.9	69.4
Conventional parameters													

Chemical	Unit	EW-RM-38	EW-RM-39	EW-RM-4	EW-RM-40	EW-RM-41	EW-RM-42	EW-RM-43	EW-RM-44	EW-RM-45		EW-RM-46	EW-RM-47
		EW-RM07-38	EW-RM07-39	EW-RM07-4	EW-RM07-40	EW-RM07-41	EW-RM07-42	EW-RM07-43	EW-RM07-44	EW-RM07-45	EW-RM07-101	EW-RM07-46	EW-RM07-47
Total organic carbon (TOC)	% dw	1.55	1.13	1.10	0.511	1.19	0.557	1.35	1.49	*1.56*	1.33	0.569	1.47
Total solids	% ww	63.40	69.70	67.30	82.20	57.30	80.70	74.90	61.40	*57.30*	56.00	81.60	55.20

dw – dry weight

ww – wet weight

Concentration in *italics* indicates that laboratory replicate was run for sample. Value reported was based on averaging rules in Appendix B.

Table A-3a. 2007 recontamination monitoring results compared to SMS criteria: sampling locations EW-RM-10 through EW-RM-34

Chemical	Unit	SQS	CSL	SL	ML	EW-RM-10	EW-RM-15	EW-RM-27	EW-RM-29	EW-RM-30	EW-RM-32	EW-RM-33	EW-RM-34
						EW-RM07-10	EW-RM07-15	EW-RM07-27	EW-RM07-29	EW-RM07-30	EW-RM07-32	EW-RM07-33	EW-RM07-34
Metals and trace elements													
Antimony	mg/kg dw			150	200	6 UJ	9 UJ	7 UJ	8 UJ	6 UJ	8 UJ	7 UJ	8 UJ
Arsenic	mg/kg dw	57	93			6 U	9 U	7 U	8 U	6 U	8 U	7 U	8
Cadmium	mg/kg dw	5.1	6.7			0.3 U	0.6	0.3	0.6	0.5	0.5	0.3 U	1.3
Chromium	mg/kg dw	260	270			22.1	34.3	20.4	32.8	29.1	27.0	20.2	35.0
Copper	mg/kg dw	390	390			28.7	62.0	29.0	45.7	56.3	48.8	25.5	67.5
Lead	mg/kg dw	450	530			10	38	11	32	28	23	8	63
Mercury	mg/kg dw	0.41	0.59			0.09	0.24	0.11	0.32	0.21	0.27	0.12	**0.46**
Nickel	mg/kg dw			140	370	19	19	18	22	24	21	16	25
Silver	mg/kg dw	6.1	6.1			0.4 U	0.5	0.4 U	0.5 U	0.5	0.5 U	0.4 U	1.0
Zinc	mg/kg dw	410	960			50.5	107	55.5	92.1	113	86.9	50.7	153
PAHs													
2-Methylnaphthalene	mg/kg OC	38	64			4.8 U	4.6 U	10 U	5.8 U	3.3 U	4.6 U	6.3 U	3.6 J
Acenaphthene	mg/kg OC	16	57			4.8 U	4.6 U	10 U	5.8 U	3.3 U	4.6 U	6.3 U	3.7 U
Acenaphthylene	mg/kg OC	66	66			4.8 U	4.6 U	10 U	5.8 U	3.3 U	4.6 U	6.3 U	3.7 U
Anthracene	mg/kg OC	220	1,200			4.8 U	6.7	10 U	5.2 J	2.7 J	5.4	6.3 U	4.4
Benzo(a)anthracene	mg/kg OC	110	270			4.8	15	10	10	7.5	11	4.2 J	9.5
Benzo(a)pyrene	mg/kg OC	99	210			4.8	14	11	9.4	7.5	12	4.4 J	8.3
Benzo(g,h,i)perylene	mg/kg OC	31	78			2.9 J	9.0	8.1 J	6.2	4.7	7.1	3.4 J	4.4
Total benzofluoranthenes	mg/kg OC	230	450			11.7	36	26.3	22	16	28	11.8 J	20
Chrysene	mg/kg OC	110	460			6.7	23	16	13	10	19	7.4	13
Dibenzo(a,h)anthracene	mg/kg OC	12	33			0.95 J	2.3 J	1.6 J	2.0 J	1.6 J	2.4 J	0.88 J	1.2 J
Dibenzofuran	mg/kg OC	15	58			4.8 U	4.6 U	10 U	5.8 U	3.3 U	4.6 U	6.3 U	3.7 U
Fluoranthene	mg/kg OC	160	1,200			8.7	29	17	18	16	19	10	17
Fluorene	mg/kg OC	23	79			4.8 U	4.6 U	10 U	5.8 U	3.3 U	4.6 U	6.3 U	3.7 U

Chemical	Unit	SQS	CSL	SL	ML	EW-RM-10 EW-RM07-10	EW-RM-15 EW-RM07-15	EW-RM-27 EW-RM07-27	EW-RM-29 EW-RM07-29	EW-RM-30 EW-RM07-30	EW-RM-32 EW-RM07-32	EW-RM-33 EW-RM07-33	EW-RM-34 EW-RM07-34
Indeno(1,2,3-cd)pyrene	mg/kg OC	34	88			2.5 J	8.2	6.0 J	5.5 J	4.2	6.2	6.3 U	4.1
Naphthalene	mg/kg OC	99	170			4.8 U	4.6 U	10 U	5.8 U	3.3 U	4.6 U	6.3 U	2.5 J
Phenanthrene	mg/kg OC	100	480			5.3	12	9.1 J	10	11	9.7	4.8 J	8.3
Pyrene	mg/kg OC	1,000	1,400			10	25	21	25	16	22	10	24
Total HPAH	mg/kg OC	960	5,300			53 J	162 J	120 J	111 J	83.9 J	127 J	52 J	101 J
Total LPAH	mg/kg OC	370	780			5.3	19	9.1 J	16 J	13 J	15	4.8 J	15 J
Phthalates													
Bis(2-ethylhexyl)phthalate	mg/kg OC	47	78			8.7	42	26	25	44	26	15	41
Butyl benzyl phthalate	mg/kg OC	4.9	64			1.0	3.4 J	2.2	1.8	**5.4**	3.2	1.0	2.0
Diethyl phthalate	mg/kg OC	61	110			4.8 U	4.6 U	10 U	5.8 U	3.3 U	4.6 U	6.3 U	3.7 U
Dimethyl phthalate	mg/kg OC	53	53			0.48 U	0.46	1.0 U	0.58 U	1.5	0.23 J	0.63 U	0.37 U
Di-n-butyl phthalate	mg/kg OC	220	1,700			4.8 U	4.6 U	10 U	5.8 U	3.3 U	2.6 J	6.3 U	3.7 U
Di-n-octyl phthalate	mg/kg OC	58	4,500			4.8 U	4.6 U	10 U	5.8 U	2.5 J	4.6 U	6.3 U	3.7 U
Other SVOCs													
1,2,4-Trichlorobenzene	mg/kg OC	0.81	1.8			0.48 U	0.46 U	**1.0 U**	0.42 J	0.33 U	0.46 U	0.63 U	0.55
1,2-Dichlorobenzene	mg/kg OC	2.3	2.3			0.48 U	0.46 U	1.0 U	0.58 U	0.33 U	0.46 U	0.63 U	0.37
1,3-Dichlorobenzene	µg/kg dw			170	nv	61 U	61 U	61 U	62 U	61 U	62 U	61 U	62 U
1,4-Dichlorobenzene	mg/kg OC	3.1	9			2.3	**20**	**3.3**	**8.4**	**81**	**23**	1.8	**7.7**
2,4-Dimethylphenol	µg/kg dw	29	29			6.1 U	6.2 U	6.1 U	6.2 U	6.1 U	6.2 U	6.1 U	6.2 U
2-Methylphenol	µg/kg dw	63	63			6.1 U	6.2 U	6.1 U	6.2 U	6.1 U	6.2 U	6.1 U	3.7 J
4-Methylphenol	µg/kg dw	670	670			61 U	61 U	61 U	62 U	89	62 U	61 U	62 U
Benzoic acid	µg/kg dw	650	650			610 UJ	610 U	610 U	620 UJ	610 UJ	620 UJ	610 UJ	620 UJ
Benzyl alcohol	µg/kg dw	57	73			30 U	31 UJ	30 U	31 U	30 U	31 U	31 U	31 U
Hexachlorobenzene	mg/kg OC	0.38	2.3			0.079 U	0.075 U	0.17 U	0.092 U	0.26 U	0.12 U	0.10 U	0.20 U
Hexachlorobutadiene	mg/kg OC	3.9	6.2			0.079 U	0.075 U	0.17 U	0.092 U	0.26 U	0.12 U	0.10 U	0.20 U
Hexachloroethane	µg/kg dw			1,400	14,000	61 U	61 U	61 U	62 U	61 U	62 U	61 U	62 U
N-Nitrosodiphenylamine	mg/kg OC	11	11			0.48 U	0.51 U	1.0 U	0.76 U	0.42 U	0.46 U	0.63 U	0.71 U
Pentachlorophenol	µg/kg dw	360	690			58 U	62 U	55 U	60 U	62 U	60 U	57 U	59 U

CHEMICAL	UNIT	SQS	CSL	SL	ML	EW-RM-10	EW-RM-15	EW-RM-27	EW-RM-29	EW-RM-30	EW-RM-32	EW-RM-33	EW-RM-34
						EW-RM07-10	EW-RM07-15	EW-RM07-27	EW-RM07-29	EW-RM07-30	EW-RM07-32	EW-RM07-33	EW-RM07-34
Phenol	µg/kg dw	420	1200			61 U	61 U	68	64	60 J	62 U	61 U	62 U
Polychlorinated biphenyls													
Total PCBs	mg/kg OC	12	65			8.65	**34**	**26**	**60**	**22 J**	**31**	10	**150**
Pesticides													**-**
Total DDTs	µg/kg dw			6.9	69	**13 U**	**31 U**	**12 U**	**30 U**	**50 U**	**42 U**	**7.3 U**	**98 U**
Aldrin	µg/kg dw			10	nv	0.99 U	1.0 U	0.99 U	0.98 U	4.8 U	1.6 U	0.98 U	3.3 U
Dieldrin	µg/kg dw			10	nv	3.2 U	10 U	3.9 U	9.6 U	**16 U**	8.8 U	2.0 U	**39 U**
gamma-BHC	µg/kg dw			10	nv	0.99 U	1.0 U	0.99 U	0.98 U	4.8 U	1.6 U	0.98 U	3.3 U
Heptachlor	µg/kg dw			10	nv	0.99 U	1.0 U	0.99 U	0.98 U	4.8 U	1.6 U	0.98 U	3.3 U
Total chlordane	µg/kg dw			10	nv	2.3 U	**19 U**	2.5 U	**21 U**	**31 U**	9.0 U	2.0 U	**28 U**

Table A-3b. 2007 recontamination monitoring results compared to SMS criteria: sampling locations EW-RM-35 through EW-RM-40

Chemical	Unit	SQS	CSL	SL	ML	EW-RM-35	EW-RM-36	EW-RM-37		EW-RM-38	EW-RM-39	EW-RM-4	EW-RM-40
						EW-RM07-35	EW-RM07-36	EW-RM07-37	EW-RM07-102	EW-RM07-38	EW-RM07-39	EW-RM07-4	EW-RM07-40
Metals and trace elements													
Antimony	mg/kg dw			150	200	9 UJ	6 UJ	6 UJ	7 UJ	9 UJ	7 UJ	7 UJ	6 UJ
Arsenic	mg/kg dw	57	93			9 U	6 U	6 U	7 U	9 U	7 U	7 U	6 U
Cadmium	mg/kg dw	5.1	6.7			0.7	0.2 U	0.3	0.3 U	0.8	0.4	0.3	0.2 U
Chromium	mg/kg dw	260	270			32.0	16.9	23.8	23.1	32.0	21.2	20.4	14.8
Copper	mg/kg dw	390	390			60.8	25.6	29.1	26.6	65.6	31.4	31.2	21.6
Lead	mg/kg dw	450	530			35	4	10	9	38	12	14	4
Mercury	mg/kg dw	0.41	0.59			0.26	0.07	0.11	0.09	0.30	0.14	0.12	0.05
Nickel	mg/kg dw			140	370	21	18	23	19	21	20	16	19
Silver	mg/kg dw	6.1	6.1			0.6	0.4 U	0.4 U	0.4 U	0.7	0.4 U	0.4 U	0.3 U
Zinc	mg/kg dw	410	960			127	42.3	57.2	53.0	137	65.8	57.6	40.3
PAHs													
2-Methylnaphthalene	mg/kg OC	38	64			4.4 U	7.4 U	6.9 U	4.2 U	3.9 U	5.3 U	5.5 U	12 U
Acenaphthene	mg/kg OC	16	57			4.4 U	7.4 U	6.9 U	4.2 U	3.9 U	5.3 U	5.5 U	12 U
Acenaphthylene	mg/kg OC	66	66			4.4 U	7.4 U	6.9 U	4.2 U	3.9 U	5.3 U	5.5 U	12 U
Anthracene	mg/kg OC	220	1,200			5.8	7.4 U	6.9 U	4.2 U	6.5	5.3 U	3.3 J	12 U
Benzo(a)anthracene	mg/kg OC	110	270			12	7.4 U	5.0 J	3.4 J	13	4.6 J	6.3	12 UJ
Benzo(a)pyrene	mg/kg OC	99	210			12	7.4 U	4.3 J	3.1 J	13	5.1 J	6.6	12 U
Benzo(g,h,i)perylene	mg/kg OC	31	78			7.2	7.4 U	3.6 J	2.3 J	7.7	3.4 J	4.3 J	12 U
Total benzofluoranthenes	mg/kg OC	230	450			30	7.4 U	12.4 J	8.03 J	32	11.9 J	16	12 U
Chrysene	mg/kg OC	110	460			18	7.4 U	8.0	5.2	20	7.4	9.1	12 U
Dibenzo(a,h)anthracene	mg/kg OC	12	33			2.1 J	0.37 J	0.69 J	0.50 J	2.5 J	0.81 J	1.5 J	0.94 J
Dibenzofuran	mg/kg OC	15	58			4.4 U	7.4 U	6.9 U	4.2 U	3.9 U	5.3 U	5.5 U	12 U
Fluoranthene	mg/kg OC	160	1,200			22	7.4 U	8.8	6.6	25	7.6	9.1	8.0 J
Fluorene	mg/kg OC	23	79			4.4 U	7.4 U	6.9 U	4.2 U	2.6 J	5.3 U	5.5 U	12 U

Chemical	Unit	SQS	CSL	SL	ML	EW-RM-35	EW-RM-36	EW-RM-37		EW-RM-38	EW-RM-39	EW-RM-4	EW-RM-40
						EW-RM07-35	EW-RM07-36	EW-RM07-37	EW-RM07-102	EW-RM07-38	EW-RM07-39	EW-RM07-4	EW-RM07-40
Indeno(1,2,3-cd)pyrene	mg/kg OC	34	88			6.6	7.4 U	6.9 U	4.2 U	7.1	3.1 J	3.7 J	12 U
Naphthalene	mg/kg OC	99	170			4.4 U	7.4 U	6.9 U	4.2 U	3.9 U	5.3 U	5.5 U	12 U
Phenanthrene	mg/kg OC	100	480			10	7.4 U	4.3 J	2.9 J	11	3.5 J	5.5 J	12 U
Pyrene	mg/kg OC	1,000	1,400			22	7.4 U	9.7	6.1	23	8.6	15	8.0 J
Total HPAH	mg/kg OC	960	5,300			131 J	0.37 J	52.5 J	35.2 J	142 J	52.5 J	71 J	17 J
Total LPAH	mg/kg OC	370	780			16	7.4 U	4.3 J	2.9 J	20 J	3.5 J	8.7 J	12 U
Phthalates													
Bis(2-ethylhexyl)phthalate	mg/kg OC	47	78			32	6.9 J	16	12	38	11	15	8.2 J
Butyl benzyl phthalate	mg/kg OC	4.9	64			2.6 J	0.74 U	1.0	0.88	2.6 J	1.1	1.1	0.94 J
Diethyl phthalate	mg/kg OC	61	110			4.4 U	7.4 U	6.9 U	4.2 U	3.9 U	5.3 U	5.5 U	12 U
Dimethyl phthalate	mg/kg OC	53	53			0.22 J	0.74 U	0.69 U	0.42 U	0.32 J	0.54 U	0.55 U	1.2 U
Di-n-butyl phthalate	mg/kg OC	220	1,700			4.4 U	7.4 U	6.9 U	4.2 U	3.9 U	5.3 U	5.5 U	12 U
Di-n-octyl phthalate	mg/kg OC	58	4,500			4.4 U	7.4 U	6.9 UJ	4.2 UJ	3.9 U	5.3 UJ	5.5 U	12 UJ
Other SVOCs													
1,2,4-Trichlorobenzene	mg/kg OC	0.81	1.8			0.44 U	0.74 U	0.69 U	0.42 U	0.39 U	0.54 U	0.55 U	**1.2 U**
1,2-Dichlorobenzene	mg/kg OC	2.3	2.3			0.44 U	0.74 U	0.69 U	0.42 U	0.39 U	0.54 U	0.55 U	1.2 U
1,3-Dichlorobenzene	µg/kg dw			170	nv	61 U	60 U	61 U	62 U	61 U	60 U	61 U	61 U
1,4-Dichlorobenzene	mg/kg OC	3.1	9			**8.6**	0.74	**3.9**	2.5	**14**	1.9	1.9	1.1 J
2,4-Dimethylphenol	µg/kg dw	29	29			6.1 U	6.0 U	6.1 U	6.2 U	3.7 J	6.1 U	6.1 U	6.1 U
2-Methylphenol	µg/kg dw	63	63			6.1 U	6.0 U	6.1 U	6.2 U	6.1 U	6.1 U	6.1 U	6.1 U
4-Methylphenol	µg/kg dw	670	670			61 U	60 U	61 U	62 U	61 U	60 U	61 U	61 U
Benzoic acid	µg/kg dw	650	650			610 U	600 UJ	610 U	620 U	610 U	600 U	610 UJ	610 U
Benzyl alcohol	µg/kg dw	57	73			31 UJ	30 U	30 UJ	31 UJ	31 UJ	30 UJ	30 U	30 UJ
Hexachlorobenzene	mg/kg OC	0.38	2.3			0.071 U	0.12 U	0.11 U	0.067 U	0.063 U	0.088 U	0.090 U	0.19 U
Hexachlorobutadiene	mg/kg OC	3.9	6.2			0.071 U	0.12 U	0.11 U	0.067 U	0.063 U	0.088 U	0.090 U	0.19 U
Hexachloroethane	µg/kg dw			1,400	14,000	61 U	60 U	61 U	62 U	61 U	60 U	61 U	61 U
N-Nitrosodiphenylamine	mg/kg OC	11	11			0.44 U	0.74 U	0.69 U	0.42 U	0.47 U	0.54 U	0.55 U	1.2 U
Pentachlorophenol	µg/kg dw	360	690			62 U	54 U	61 U	58 U	62 U	57 U	58 U	57 U

Chemical	Unit	SQS	CSL	SL	ML	EW-RM-35	EW-RM-36	EW-RM-37		EW-RM-38	EW-RM-39	EW-RM-4	EW-RM-40
						EW-RM07-35	EW-RM07-36	EW-RM07-37	EW-RM07-102	EW-RM07-38	EW-RM07-39	EW-RM07-4	EW-RM07-40
Phenol	µg/kg dw	420	1200			61 U	60 U	61 U	62 U	61 U	60 U	61 U	61 U
Polychlorinated biphenyls													
Total PCBs	mg/kg OC	12	65			**23**	3.2	**24 J**	9.12	**21**	9.03	**27 J**	3.7 U
Pesticides													
Total DDTs	µg/kg dw			6.9	69	**26 U**	2.9 U	**9.2 U**	2.0 U	**21 U**	2.0 U	**20 U**	1.9 U
Aldrin	µg/kg dw			10	nv	0.99 U	0.98 U	0.97 U	0.98 U	0.98 U	0.99 U	0.99 U	0.97 U
Dieldrin	µg/kg dw			10	nv	6.2 U	2.0 U	2.2 U	2.0 U	4.7 U	2.0 U	4.4 U	1.9 U
gamma-BHC	µg/kg dw			10	nv	0.99 U	0.98 U	0.97 U	0.98 U	0.98 U	0.99 U	0.99 U	0.97 U
Heptachlor	µg/kg dw			10	nv	0.99 U	0.98 U	0.97 U	0.98 U	0.98 U	0.99 U	0.99 U	0.97 U
Total chlordane	µg/kg dw			10	nv	6.2 U	2.0 U	3.7 U	4.0 U	**13 U**	2.0 U	2.7 U	1.9 U

Table A-3c. 2007 recontamination monitoring results compared to SMS criteria: sampling locations EW-RM-41 through EW-RM-47

Chemical	Unit	SQS	CSL	SL	ML	EW-RM-41	EW-RM-42	EW-RM-43	EW-RM-44	EW-RM-45		EW-RM-46	EW-RM-47
						EW-RM07-41	EW-RM07-42	EW-RM07-43	EW-RM07-44	EW-RM07-45	EW-RM07-101	EW-RM07-46	EW-RM07-47
Metals and trace elements													
Antimony	mg/kg dw			150	200	9 UJ	6 UJ	6 UJ	7 UJ	8 UJ	9 UJ	6 UJ	8 UJ
Arsenic	mg/kg dw	57	93			9 U	6 U	6 U	7 U	8 U	9 U	6 U	9
Cadmium	mg/kg dw	5.1	6.7			1.0	0.2 U	0.3	0.5	0.5	0.5	0.2 U	0.9
Chromium	mg/kg dw	260	270			31.2	19.3	25.6	27.1	24.6	23.8	16.3	32.5
Copper	mg/kg dw	390	390			58.6	23.9	29.5	42.2	62.2	64.1	16.1	62.2
Lead	mg/kg dw	450	530			41	5	12	23	26	26	3	54
Mercury	mg/kg dw	0.41	0.59			0.34	0.05 U	0.10	0.26	0.24	0.23	0.05	0.40
Nickel	mg/kg dw			140	370	21	22	22	20	17	17	18	23
Silver	mg/kg dw	6.1	6.1			0.7	0.4 U	0.4 U	0.4 U	0.5 U	0.5 U	0.3 U	0.7
Zinc	mg/kg dw	410	960			118	42.1	56.1	81.7	89	90	36.1	131
PAHs													
2-Methylnaphthalene	mg/kg OC	38	64			5.1 U	11 U	4.4 U	4.2 U	4.0 U	4.6 U	11 U	4.2 U
Acenaphthene	mg/kg OC	16	57			5.1 U	11 U	4.4 U	4.2 U	4.0 U	4.6 U	11 U	4.2 U
Acenaphthylene	mg/kg OC	66	66			5.1 U	11 U	4.4 U	4.2 U	4.0 U	4.6 U	11 U	4.2 U
Anthracene	mg/kg OC	220	1,200			6.1	11 U	4.4 U	3.7 J	3.7 J	6.5	11 U	6.1
Benzo(a)anthracene	mg/kg OC	110	270			13	11 U	3.8 J	8.1	8.3	12	11 U	10
Benzo(a)pyrene	mg/kg OC	99	210			14	11 U	4.1 J	8.7	9.0	14	11 U	12
Benzo(g,h,i)perylene	mg/kg OC	31	78			7.8	11 U	2.4 J	5.5	6.2	8.3	11 U	6.2
Total benzofluoranthenes	mg/kg OC	230	450			33	12 J	10.7	21	22	32	11 U	27
Chrysene	mg/kg OC	110	460			18	6.6 J	5.6	12	13	21	11 U	16
Dibenzo(a,h)anthracene	mg/kg OC	12	33			2.3 J	0.88 J	0.63 J	1.3 J	1.7 J	2.5 J	0.53 J	1.8 J
Dibenzofuran	mg/kg OC	15	58			5.1 U	11 U	4.4 U	4.2 U	4.0 U	4.6 U	11 U	4.2 U
Fluoranthene	mg/kg OC	160	1,200			20	7.7 J	6.3	13	15	20	11 U	21
Fluorene	mg/kg OC	23	79			5.1 U	11 U	4.4 U	4.2 U	4.0 U	4.6 U	11 U	4.2 U

Chemical	Unit	SQS	CSL	SL	ML	EW-RM-41	EW-RM-42	EW-RM-43	EW-RM-44	EW-RM-45		EW-RM-46	EW-RM-47
						EW-RM07-41	EW-RM07-42	EW-RM07-43	EW-RM07-44	EW-RM07-45	EW-RM07-101	EW-RM07-46	EW-RM07-47
Indeno(1,2,3-cd)pyrene	mg/kg OC	34	88			7.3	11 U	4.4 U	5.0	5.6	7.2	11 U	6.1
Naphthalene	mg/kg OC	99	170			5.1 U	11 U	4.4 U	4.2 U	4.0 U	4.6 U	11 U	4.2 U
Phenanthrene	mg/kg OC	100	480			11	11 U	3.0 J	6.0	6.4	11	11 U	8.2
Pyrene	mg/kg OC	1,000	1,400			26	8.4 J	7.4	14	16	23	11 U	21
Total HPAH	mg/kg OC	960	5,300			142 J	35.4 J	41 J	89.3 J	96.8 J	139 J	0.53 J	120 J
Total LPAH	mg/kg OC	370	780			17	11 U	3.0 J	9.73 J	10 J	17	11 U	14
Phthalates													
Bis(2-ethylhexyl)phthalate	mg/kg OC	47	78			26	11	11	24	20	22	8.6 J	27
Butyl benzyl phthalate	mg/kg OC	4.9	64			2.4	0.88 J	0.81	1.4	2.6	2.9	1.1 U	2.9
Diethyl phthalate	mg/kg OC	61	110			5.1 U	11 U	4.4 U	4.2 U	4.0 U	4.6 U	11 U	4.2 U
Dimethyl phthalate	mg/kg OC	53	53			0.41 J	1.1 U	0.44 U	0.25 J	0.40 U	0.46 U	1.1 U	0.25 J
Di-n-butyl phthalate	mg/kg OC	220	1,700			5.1 U	11 U	4.4 U	4.2 U	4.0 U	4.6 U	11 U	4.2 U
Di-n-octyl phthalate	mg/kg OC	58	4,500			5.1 U	11 U	4.4 U	4.2 U	4.0 U	4.6 U	11 U	4.2 U
Other SVOCs													
1,2,4-Trichlorobenzene	mg/kg OC	0.81	1.8			0.41 J	**1.1 U**	0.44 U	0.42 U	0.40 U	0.46 U	**1.1 U**	0.29 J
1,2-Dichlorobenzene	mg/kg OC	2.3	2.3			0.51 U	1.1 U	0.44 U	0.42 U	0.40 U	0.46 U	1.1 U	0.42 U
1,3-Dichlorobenzene	µg/kg dw			170	nv	61 U	61 U	60 U	62 U	62 U	61 U	61 U	62 U
1,4-Dichlorobenzene	mg/kg OC	3.1	9			**3.3**	1.1	1.0	1.7	2.6	**3.3**	1.3	**4.6**
2,4-Dimethylphenol	µg/kg dw	29	29			6.1 U	6.2 U	6.0 U	6.2 U	6.2 U	6.1 U	6.1 U	6.2 U
2-Methylphenol	µg/kg dw	63	63			6.1 U	6.2 U	6.0 U	6.2 U	6.2 U	6.1 U	6.1 U	6.2 U
4-Methylphenol	µg/kg dw	670	670			61 U	61 U	60 U	62 U	62 U	61 U	61 U	62 U
Benzoic acid	µg/kg dw	650	650			610 UJ	610 UJ	600 UJ	620 U	620 UJ	610 UJ	610 UJ	620 UJ
Benzyl alcohol	µg/kg dw	57	73			30 U	31 U	30 U	31 UJ	31 U	31 U	30 U	31 U
Hexachlorobenzene	mg/kg OC	0.38	2.3			0.083 U	0.17 U	0.072 U	0.066 U	0.064 U	0.074 U	0.17 U	0.067 U
Hexachlorobutadiene	mg/kg OC	3.9	6.2			0.083 U	0.17 U	0.072 U	0.066 U	0.064 U	0.074 U	0.17 U	0.067 U
Hexachloroethane	µg/kg dw			1,400	14,000	61 U	61 U	60 U	62 U	62 U	61 U	61 U	62 U
N-Nitrosodiphenylamine	mg/kg OC	11	11			0.51 U	1.1 U	0.44 U	0.42 U	0.40 U	0.46 U	1.1 U	0.50 U
Pentachlorophenol	µg/kg dw	360	690			58 U	56 U	56 U	60 U	73	62	57 U	64 U

Chemical	Unit	SQS	CSL	SL	ML	EW-RM-41	EW-RM-42	EW-RM-43	EW-RM-44	EW-RM-45		EW-RM-46	EW-RM-47
						EW-RM07-41	EW-RM07-42	EW-RM07-43	EW-RM07-44	EW-RM07-45	EW-RM07-101	EW-RM07-46	EW-RM07-47
Phenol	µg/kg dw	420	1200			61 U	61 U	60 U	62 U	62 U	61 U	61 U	45 J
Polychlorinated biphenyls													
Total PCBs	mg/kg OC	12	65			**71**	11	**12.5**	**23**	**35 J**	**31 J**	3.5	**29**
Pesticides						-							
Total DDTs	µg/kg dw			6.9	69	5.6 U	1.9 U	**8.6 U**	**23 U**	**24 U**	**25 U**	2.2 U	**9.0 U**
Aldrin	µg/kg dw			10	nv	0.99 U	0.97 U	0.97 U	0.98 U	1.0 U	0.99 U	0.97 U	0.98 U
Dieldrin	µg/kg dw			10	nv	7.6 U	1.9 U	2.0 U	6.2 U	9.2 U	6.4 U	1.9 U	8.8 U
gamma-BHC	µg/kg dw			10	nv	0.99 U	0.97 U	0.97 U	0.98 U	1.0 U	0.99 U	0.97 U	0.98 U
Heptachlor	µg/kg dw			10	nv	0.99 U	0.97 U	0.97 U	0.98 U	1.0 U	0.99 U	0.97 U	0.98 U
Total chlordane	µg/kg dw			10	nv	4.8 U	2.6 U	2.0 U	4.5 U	5.5 U	7.8 U	1.9 U	**12 U**

dw - dry weight

nv - no value; there is neither a CSL nor an ML for this chemical

OC - organic carbon

SQS and CSL - sediment quality standard and cleanup screening level (WAC 173-204)

SL and ML - screening level and maximum level (USACE et al. 2000)

Concentration in **bold** indicates SQS/SL exceedance.

Concentration in **bold underline** indicates CSL/ML exceedance

Reference:

USACE, EPA, WDNR, Ecology. 2000. Dredged material evaluation and disposal procedures. A user's manual for the Puget Sound Dredged Disposal Analysis (PSDDA) Program. US Army Corps of Engineers, Seattle District, Seattle, WA; US Environmental Protection Agency, Region 10, Seattle, WA; Washington Department of Natural Resources; and Washington Department of Ecology.