Table U-9.

Summary of Exposure Point Concentrations for Surface Water

CPEC	A-series Ponds			Pond 13			Pond 18			Pond A5			RCF Pond			Stormwater Ponds		
	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC
Inorganics (ug/L)																		
Antimony	0.00048	0.00048	NC	ND	ND	NC	0.0048	0.0048	NC	0.00045	0.00045	NC	ND	ND	NC	0.00048	0.00048	NC
Arsenic	0.21	0.21	NC	0.31	0.31	NC	0.099	0.099	NC	0.33	0.33	NC	0.19	0.19	NC	0.31	0.31	NC
Barium	0.041	0.041	NC	0.056	0.056	NC	0.039	0.039	NC	0.048	0.048	NC	0.041	0.041	NC	0.056	0.056	NC
Beryllium	0.00051	0.00051	NC	0.00023	0.00023	NC	0.00071	0.00071	NC	0.0014	0.0014	NC	ND	ND	NC	0.00051	0.00051	NC
Cadmium	ND	ND	NC	ND	ND	NC	0.0011	0.0011	NC	0.0035	0.0035	NC	ND	ND	NC	ND	ND	NC
Chromium	0.032	0.032	NC	0.016	0.016	NC	0.041	0.041	NC	0.089	0.089	NC	ND	ND	NC	0.032	0.032	NC
Cobalt	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Copper	0.03	0.03	NC	0.024	0.024	NC	0.031	0.031	NC	0.029	0.029	NC	0.019	0.019	NC	0.03	0.03	NC
Total Cyanide (mg/L)	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Lead	0.00019	0.00019	NC	ND	ND	NC	0.00034	0.00034	NC	0.00021	0.00021	NC	ND	ND	NC	0.00019	0.00019	NC
Manganese	0.32	0.32	NC	0.53	0.53	NC	0.33	0.33	NC	2.7	2.7	NC	0.16	0.16	NC	0.53	0.53	NC
Mercury	0.00012	0.00012	NC	0.00012	0.00012	NC	0.00014	0.00014	NC	0.00016	0.00016	NC	0.00011	0.00011	NC	0.00012	0.00012	NC
Molybdenum	0.044	0.044	NC	0.038	0.038	NC	0.056	0.056	NC	0.048	0.048	NC	0.038	0.038	NC	0.044	0.044	NC
Nickel	0.44	0.44	NC	0.43	0.43	NC	0.34	0.34	NC	0.55	0.55	NC	0.12	0.12	NC	0.44	0.44	NC
Selenium	0.9	0.9	NC	1.6	1.6	NC	0.43	0.43	NC	1.4	1.4	NC	0.97	0.97	NC	1.6	1.6	NC
Silver	ND	ND	NC	0.00027	0.00027	NC	0.00024	0.00024	NC	0.00057	0.00057	NC	ND	ND	NC	0.00027	0.00027	NC
Thallium	ND	ND	NC	ND	ND	NC	0.002	0.002	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Tin	ND	ND	NC	ND	ND	NC	0.0013	0.0013	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Vanadium	0.11	0.11	NC	0.12	0.12	NC	0.04	0.04	NC	0.075	0.075	NC	0.097	0.097	NC	0.12	0.12	NC
Zinc	0.02	0.02	NC	0.038	0.038	NC	0.025	0.025	NC	0.027	0.027	NC	0.069	0.069	NC	0.069	0.069	NC
Dioxins/Furans (pg/L)																		
Total Avian Dioxin TEQ	ND	ND	NC	2.91E-12	2.91E-12	NC	2.15E-12	2.15E-12	NC	7.24E-12	7.24E-12	NC	2.51E-12	2.51E-12	NC	2.91E-12	2.91E-12	NC
Total Mammalian Dioxin TEQ	ND	ND	NC	8.73E-12	8.73E-12	NC	6.45E-12	6.45E-12	NC	2.17E-11	2.17E-11	NC	7.53E-12	7.53E-12	NC	8.73E-12	8.73E-12	NC
Herbicides (ug/L)																		
2,4-Dichlorophenoxybutyric acid (2,4-DB)	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Dalapon	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Dichlorprop	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
MCPA	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
MCPP	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Polycyclic Aromatic Hydrocarbons (PAHs) (ug/L)																		
2-Methylnaphthalene	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Acenaphthene	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Anthracene	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Benzo(a)anthracene	ND	ND	NC	ND	ND	NC	0.00001	0.00001	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Benzo(a)pyrene	ND	ND	NC	0.000013	0.000013	NC	ND	ND	NC	ND	ND	NC	0.000013	0.000013	NC	0.000013	0.000013	NC
Benzo(b)fluoranthene	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Benzo(g,h,i)perylene	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Benzo(k)fluoranthene	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC

Table U-9.

Summary of Exposure Point Concentrations for Surface Water

CPEC	A-series Ponds			Pond 13			Pond 18			Pond A5			RCF Pond			Stormwater Ponds		
	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC
Chrysene	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Dibenzo(a,h)anthracene	ND	ND	NC	ND	ND	NC	0.000013	0.000013	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Fluoranthene	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Fluorene	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Indeno(1,2,3-c,d)pyrene	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Naphthalene	0.000013	0.000013	NC	0.000013	0.000013	NC	ND	ND	NC	ND	ND	NC	0.000016	0.000016	NC	0.000016	0.000016	NC
Phenanthrene	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Pyrene	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Total LMW PAH	No Data	No Data	NC	No Data	No Data	NC	No Data	No Data	NC	No Data	No Data	NC	No Data	No Data	NC	No Data	No Data	NC
Total HMW PAH	No Data	No Data	NC	No Data	No Data	NC	No Data	No Data	NC	No Data	No Data	NC	No Data	No Data	NC	No Data	No Data	NC
Polychlorinated Biphenyls (PCBs)																		
Aroclor 1260 (ug/L)	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Sum of PCB Congeners (pg/L)	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Total Avian PCB TEQ (pg/L)	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Total Mammalian PCB TEQ (pg/L)	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Pesticides (ug/L)																		
4,4'-DDD	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
4,4'-DDE	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
4,4'-DDT	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Total DDT	No Data	No Data	NC	No Data	No Data	NC	No Data	No Data	NC	No Data	No Data	NC	No Data	No Data	NC	No Data	No Data	NC
Chlordane, alpha	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Endosulfan I	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Endosulfan II	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Endosulfan sulfate	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Endrin	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Heptachlor	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Hexachlorobenzene	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Kepone	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Methoxychlor	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Semi-Volatile Organic Compounds (SVOCs) (ug/L)																		
Bis(2-chloroethyl)ether	0.00002	0.00002	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	0.000018	0.000018	NC	0.00002	0.00002	NC
Bis(2-ethylhexyl)phthalate	ND	ND	NC	ND	ND	NC	ND	ND	NC	0.051	0.051	NC	ND	ND	NC	ND	ND	NC
Diethylphthalate	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
N-Nitrosodiethylamine	ND	ND	NC	ND	ND	NC	0.00019	0.00019	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
N-Nitrosodipropylamine	ND	ND	NC	ND	ND	NC	ND	ND	NC	0.00049	0.00049	NC	ND	ND	NC	ND	ND	NC
N-Nitrosopyrrolidine	0.00036	0.00036	NC	0.00055	0.00055	NC	ND	ND	NC	0.0015	0.0015	NC	0.000035	0.000035	NC	0.00055	0.00055	NC
Volatile Organic Compounds (VOCs) (ug/L)																		
1,1,1-Trichloroethane	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
1,1-Dichloroethane	ND	ND	NC	ND	ND	NC	0.00044	0.00044	NC	0.0013	0.0013	NC	ND	ND	NC	ND	ND	NC
1,1-Dichloroethylene	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
1,2-Dibromoethane (EDB)	0.000012	0.000012	NC	0.0000068	0.0000068	NC	ND	ND	NC	0.0000028	0.0000028	NC	0.0000054	0.0000054	NC	0.000012	0.000012	NC
1,2-Dichloroethene	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Acetone	No Data	ND	NC	No Data	ND	NC	No Data	ND	NC	0.018	0.018	NC	No Data	ND	NC	No Data	ND	NC

Table U-9.

Summary of Exposure Point Concentrations for Surface Water

CPEC	A-series Ponds			Pond 13			Pond 18			Pond A5			RCF Pond			Stormwater Ponds		
	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC
Acetonitrile	No Data	ND	NC	No Data	ND	NC	No Data	ND	NC	No Data	ND	NC	No Data	ND	NC	No Data	ND	NC
Acrolein	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Benzene	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Carbon disulfide	ND	ND	NC	ND	ND	NC	0.00043	0.00043	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Diisopropyl ether	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Ethylbenzene	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Ethylene glycol	No Data	ND	NC	No Data	ND	NC	No Data	ND	NC	No Data	ND	NC	No Data	ND	NC	No Data	ND	NC
Freon 113 (1,1,2-trichloro-1,2,2-trifluoroethane)	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Isopropanol	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Methyl ethyl ketone	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Methyl isobutyl ketone (MIBK)	No Data	ND	NC	No Data	ND	NC	No Data	ND	NC	No Data	ND	NC	No Data	ND	NC	No Data	ND	NC
Methylcyclopentane	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Methylene chloride	ND	ND	NC	0.0015	0.0015	NC	0.0005	0.0005	NC	ND	ND	NC	0.007	0.007	NC	0.007	0.007	NC
Nonanal	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Propanal	ND	ND	NC	ND	ND	NC	0.014	0.014	NC	0.012	0.012	NC	ND	ND	NC	ND	ND	NC
Tert-Butyl alcohol (TBA)	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Tetrachloroethylene	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Tetrahydrofuran	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Toluene	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Trichloroethylene	ND	ND	NC	ND	ND	NC	0.0012	0.0012	NC	0.0013	0.0013	NC	ND	ND	NC	ND	ND	NC

Table U-9.

Summary of Exposure Point Concentrations for Surface Water

CPEC	A Drainage			B Drainage			Lower C Drainage			Upper C Drainage			North Drainage		
	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC
Inorganics (ug/L)															
Antimony	ND	ND	NC	No Data	No Data	NC	0.04	0.04	NC	0.044	0.044	NC	0.15	0.15	NC
Arsenic	0.0023	0.0023	NC	No Data	No Data	NC	0.018	0.018	NC	0.019	0.019	NC	0.047	0.047	NC
Barium	0.035	0.035	NC	No Data	No Data	NC	0.54	0.54	NC	0.64	0.64	NC	1.1	1.1	NC
Beryllium	0.0001	0.0001	NC	No Data	No Data	NC	0.0043	0.0043	NC	0.0047	0.0047	NC	0.009	0.009	NC
Cadmium	0.00023	0.00023	NC	No Data	No Data	NC	0.0049	0.0049	NC	0.0061	0.0061	NC	0.013	0.013	NC
Chromium	ND	ND	NC	No Data	No Data	NC	0.24	0.24	NC	0.24	0.24	NC	0.38	0.38	NC
Cobalt	ND	ND	NC	No Data	No Data	NC	0.013	0.013	NC	ND	ND	NC	0.063	0.063	NC
Copper	0.032	0.032	NC	No Data	No Data	NC	0.11	0.11	NC	0.11	0.11	NC	0.16	0.16	NC
Total Cyanide (mg/L)	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Lead	0.00086	0.00086	NC	No Data	No Data	NC	0.033	0.033	NC	0.034	0.034	NC	0.063	0.063	NC
Manganese	0.031	0.031	NC	No Data	No Data	NC	0.71	0.71	NC	0.65	0.65	NC	2	2	NC
Mercury	ND	ND	NC	No Data	No Data	NC	0.00011	0.00011	NC	0.00012	0.00012	NC	0.00023	0.00023	NC
Molybdenum	ND	ND	NC	No Data	No Data	NC	0.027	0.027	NC	0.022	0.022	NC	0.077	0.077	NC
Nickel	0.013	0.013	NC	No Data	No Data	NC	0.23	0.23	NC	0.23	0.23	NC	0.44	0.44	NC
Selenium	0.0017	0.0017	NC	No Data	No Data	NC	0.0057	0.0057	NC	0.0043	0.0043	NC	0.096	0.096	NC
Silver	ND	ND	NC	No Data	No Data	NC	0.00048	0.00048	NC	0.00053	0.00053	NC	0.00053	0.00053	NC
Thallium	ND	ND	NC	No Data	No Data	NC	0.0015	0.0015	NC	0.0016	0.0016	NC	0.0028	0.0028	NC
Tin	ND	ND	NC	No Data	No Data	NC	0.0029	0.0029	NC	0.0032	0.0032	NC	0.0044	0.0044	NC
Vanadium	ND	ND	NC	No Data	No Data	NC	0.2	0.2	NC	0.23	0.23	NC	0.31	0.31	NC
Zinc	0.01	0.01	NC	No Data	No Data	NC	0.25	0.25	NC	0.28	0.28	NC	0.47	0.47	NC
Dioxins/Furans (pg/L)															
Total Avian Dioxin TEQ	3.68E-12	3.68E-12	NC	No Data	No Data	NC	1.039E-08	1.039E-08	NC	1.204E-08	1.204E-08	NC	6.533E-09	6.533E-09	NC
Total Mammalian Dioxin TEQ	5.52E-12	5.52E-12	NC	No Data	No Data	NC	1.05E-08	1.05E-08	NC	1.325E-08	1.325E-08	NC	9.068E-09	9.068E-09	NC
Herbicides (ug/L)															
2,4-Dichlorophenoxybutyric acid (2,4-DB)	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Dalapon	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Dichlorprop	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
MCPA	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
MCPP	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Polycyclic Aromatic Hydrocarbons (PAHs) (ug/L)															
2-Methylnaphthalene	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Acenaphthene	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Anthracene	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Benzo(a)anthracene	ND	ND	NC	No Data	No Data	NC	0.000011	0.000011	NC	0.00001	0.00001	NC	0.000011	0.000011	NC
Benzo(a)pyrene	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	0.000016	0.000016	NC
Benzo(b)fluoranthene	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	0.000057	0.000057	NC
Benzo(g,h,i)perylene	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	0.000016	0.000016	NC
Benzo(k)fluoranthene	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC

Table U-9.

Summary of Exposure Point Concentrations for Surface Water

CPEC	A Drainage			B Drainage			Lower C Drainage			Upper C Drainage			North Drainage		
	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC
Chrysene	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Dibenzo(a,h)anthracene	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	0.000022	0.000022	NC
Fluoranthene	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Fluorene	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Indeno(1,2,3-c,d)pyrene	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Naphthalene	0.00003	0.00003	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Phenanthrene	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Pyrene	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Total LMW PAH	No Data	No Data	NC	No Data	No Data	NC	No Data	No Data	NC	No Data	No Data	NC	No Data	No Data	NC
Total HMW PAH	No Data	No Data	NC	No Data	No Data	NC	No Data	No Data	NC	No Data	No Data	NC	No Data	No Data	NC
Polychlorinated Biphenyls (PCBs)															
Aroclor 1260 (ug/L)	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Sum of PCB Congeners (pg/L)	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Total Avian PCB TEQ (pg/L)	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Total Mammalian PCB TEQ (pg/L)	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Pesticides (ug/L)															
4,4'-DDD	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
4,4'-DDE	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
4,4'-DDT	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Total DDT	No Data	No Data	NC	No Data	No Data	NC	No Data	No Data	NC	No Data	No Data	NC	No Data	No Data	NC
Chlordane, alpha	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Endosulfan I	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Endosulfan II	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Endosulfan sulfate	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Endrin	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Heptachlor	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Hexachlorobenzene	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Kepone	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Methoxychlor	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Semi-Volatile Organic Compounds (SVOCs) (ug/L)															
Bis(2-chloroethyl)ether	ND	ND	NC	No Data	No Data	NC	0.000016	0.000016	NC	ND	ND	NC	0.000092	0.000092	NC
Bis(2-ethylhexyl)phthalate	ND	ND	NC	No Data	No Data	NC	0.0013	0.0013	NC	ND	ND	NC	0.0016	0.0016	NC
Diethylphthalate	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
N-Nitrosodiethylamine	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	0.000067	0.000067	NC
N-Nitrosodipropylamine	0.00005	0.00005	NC	No Data	No Data	NC	0.0001	0.0001	NC	0.000068	0.000068	NC	0.000086	0.000086	NC
N-Nitrosopyrrolidine	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	0.000094	0.000094	NC
Volatile Organic Compounds (VOCs) (ug/L)															
1,1,1-Trichloroethane	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
1,1-Dichloroethane	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
1,1-Dichloroethylene	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
1,2-Dibromoethane (EDB)	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
1,2-Dichloroethene	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Acetone	ND	ND	NC	No Data	No Data	NC	1.1	1.1	NC	ND	ND	NC	0.32	0.32	NC

Table U-9.

Summary of Exposure Point Concentrations for Surface Water

CPEC	A Drainage			B Drainage			Lower C Drainage			Upper C Drainage			North Drainage		
	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC	Max	Non-spatial EPC	Spatial EPC
Acetonitrile	ND	ND	NC	No Data	No Data	NC	3.7	3.7	NC	ND	ND	NC	ND	ND	NC
Acrolein	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Benzene	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Carbon disulfide	ND	ND	NC	No Data	No Data	NC	0.00059	0.00059	NC	ND	ND	NC	ND	ND	NC
Diisopropyl ether	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Ethylbenzene	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Ethylene glycol	4.1	4.1	NC	No Data	No Data	NC	6.4	6.4	NC	5.3	5.3	NC	4	4	NC
Freon 113 (1,1,2-trichloro-1,2,2-trifluoroethane)	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Isopropanol	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Methyl ethyl ketone	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Methyl isobutyl ketone (MIBK)	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	0.49	0.49	NC
Methylcyclopentane	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Methylene chloride	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Nonanal	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	0.00091	0.00091	NC
Propanal	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Tert-Butyl alcohol (TBA)	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Tetrachloroethylene	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Tetrahydrofuran	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Toluene	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Trichloroethylene	ND	ND	NC	No Data	No Data	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC

Table U-9.
Exposure Point Concentration Summary
Footnotes

bgs = below ground surface.
NC = Not Calculated.
EPC = Exposure Point Concentration.
CPEC = Chemical of Potential Ecological Concern.
TEQ = Toxicity Equivalent.
No Data = CPEC not analyzed in the samples.
ND = Non Detect
mg/kg = milligrams per kilogram, dry weight.
pg/g = picograms per gram, dry weight.
mg/L = milligrams per liter.
ug/L = micrograms per liter.
pg/L = picograms per liter.
Surface soil and sediment are data from 0-0.5 feet bgs.
Shallow soil and sediment are data from 0-5 feet bgs.
[a]: For terrestrial mammals, shallow sediment data (0-5 feet bgs) from the ponds were evaluated as soil and for terrestrial birds, surface sediment (0-0.5 feet bgs) from the ponds were evaluated as soil.

The exposure concentrations were evaluated as follows:
Surface soil (0-0.5 feet bgs): Terrestrial plants, soil invertebrates, and terrestrial birds.
Surface sediment (0-0.5 feet bgs): Sediment-dwelling invertebrates, aquatic mammals, and aquatic birds.
Shallow soil (0-5 feet bgs): Terrestrial mammals.
Shallow sediment from ponds as soil (0-5 feet bgs): Aquatic mammals.
Surface water: Aquatic life, aquatic plants, amphibians, aquatic mammals, and aquatic birds.