

**APPENDIX 7**

**TABLES – SOILS AND PAINT ANALYTICAL RESULTS**



Parameter	CCMIE CWS <sup>1</sup>	CCMIE CERG <sup>2</sup>	CS11505-J01						CS11505-J02						CS11505-J03						CS11505-J04					
			24-Oct-05			24-Oct-05			24-Oct-05			24-Oct-05			24-Oct-05			24-Oct-05			24-Oct-05			24-Oct-05		
			PAC1-SS1	PAC1-SS2	PAC1-SS3	PAC5-SS1	PAC5-SS2	PAC5-SS3	PAC5-SS4	PAC5-SS5	PAC5-SS6	PAC5-SS7	PAC5-SS8	PAC5-SS9	PAC5-SS10	PAC5-SS11	PAC5-SS12	PAC5-SS13	PAC5-SS14	PAC5-SS15	PAC5-SS16	PAC5-SS17	PAC5-SS18	PAC5-SS19	PAC5-SS20	PAC5-SS21
Benzene	—	—	0.03	0.02	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Toluene	—	—	0.37	0.02	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Ethylbenzene	—	—	0.082	0.02	<0.02	0.02	0.04	<0.02	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Xylenes	—	—	11	0.002	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Petroleum Hydrocarbon Fractions	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
F1 (C6-C10)	30	—	—	—	—	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
F2 (C11-C16)	159	—	—	—	—	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
F3 (C17-C34)	300	—	—	—	—	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
F4 (C35-C50)	2650	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Chlorinated by AD

Notes:

Concentrations are expressed in  $\mu\text{g/g}$ , unless noted otherwise.

<sup>1</sup> Parameter Not Analyzed

<sup>2</sup> Guidelines Standards are not present in the CCMIE CERG or MOE Table 1

Values in light font are below official and laboratory analytical detection limits.

Concentration of parameter is greater than the CCMIE CERG soil quality guidelines for the protection of Environment and Human Health

 Canadian Council of Ministers of the Environment (CCMIE) Canadian Environmental Quality Guidelines (CEQG), Table 1: Canadian Soil Quality Guidelines for the Protection of Environmental and Human Health - Guidelines for Residential/Residential/Land Use and Coarse textured Soil, December 2003. Includes updates up to Update 7.0, September 2007.

 Ontario Ministry of the Environment (MOE), Soil, Ground Water and Sediment Standards for use Under Part XV.1 of the Environmental Protection Act, 2004, Table 1: Full Depth Background Site Condition Standards, All other types of property uses.

 Ontario MOE Table 1: Standards are applicable where no CCMIE guidelines exist. Where both CCMIE Guidelines and MOE Standards are present, the CCMIE guidelines are considered applicable and the MOE Standards are provided solely for information purposes.

**TABLE 3**  
**Concentrations of Volatile Organic Compounds in Soil**  
**Historic (Technisol 2006 Phase I/II) Samples**

Parameter	CCME CEQG <sup>1</sup>	Contaminated Site: CS11506-003					
		PAC3-SS3	PAC3-SS4	PAC4-SS3	PAC4-SS4	PAC4-SS5	
		Sample ID:	24-Oct-05	24-Oct-05	24-Oct-05	24-Oct-05	
Sample Date:							
24-Oct-05							
MOE Table 1 <sup>2,3</sup>							
1,1,1-trichloroethane	5	0.008	<0.1	<0.1	<0.1	<0.1	
1,1,2,2-tetrachloroethane	5	0.004	<0.1	<0.1	<0.1	<0.1	
1,1,2-trichloroethane	5	0.002	<0.1	<0.1	<0.1	<0.1	
1,1-dichloroethane	5	—	<0.1	<0.1	<0.1	<0.1	
1,1-dichloroethylene	5	—	<0.1	<0.1	<0.1	<0.1	
1,2-dichloroethane	5	—	<0.1	<0.1	<0.1	<0.1	
1,2-dichloropropane	5	—	<0.1	<0.1	<0.1	<0.1	
Carbon tetrachloride	5	0.002	<0.1	<0.1	<0.1	<0.1	
Chloroform	5	0.006	<0.1	<0.1	<0.1	<0.1	
Cis 1,2-dichloroethylene	—	—	<0.1	<0.1	<0.1	<0.1	
Cis 1,3-dichloropropene	—	—	<0.1	<0.1	<0.1	<0.1	
Methylene Chloride	5	—	<0.1	<0.1	<0.1	<0.1	
Tetrachloroethylene	0.2	0.002	<0.1	<0.1	<0.1	<0.1	
Trans 1,2-dichloroethylene	—	—	<0.1	<0.1	<0.1	<0.1	
Trans 1,3-dichloropropene	—	—	<0.1	<0.1	<0.1	<0.1	
Trichloroethylene	0.01	0.004	<0.1	<0.1	<0.1	<0.1	
Vinyl chloride	—	—	<0.4	<0.4	<0.4	<0.4	

**Notes:**

Concentrations are expressed in µg/g, unless noted otherwise

“—” Guidelines/Standards are not present in the CCME CEQG or MOE Table 1

Values in light font are below criteria and laboratory analytical detection limits

**Value**

<sup>1</sup>Canadian Council of Ministers of the Environment (CCME) Canadian Environmental Quality Guidelines for the protection of Environment and Human Health

<sup>2</sup>Ontario Ministry of the Environment (MOE) : Soil, Ground Water and Sediment Standards for use Under Part XV.1 of the Environmental Protection Act 2004; Table 1: Full Depth Background Site Condition Standards. All other types of property uses.

<sup>3</sup>Ontario MOE Table 1 Standards are applicable where no CCME guidelines exist. Where both CCME Guidelines and MOE Standards are present, the CCME guidelines are considered applicable and the MOE Standards are provided solely for information purposes.

Prepared by: KW  
Checked by: AD

TABLE 4  
Concentrations of Polycyclic Aromatic Hydrocarbons in Soil  
Historic [Technisol 2006 Phase II] Samples

Contaminated Site:		CS11506-001						CS11506-003						CS11506-004											
Parameter	CCME SQG <sup>1</sup>	Sample ID:	PAC1-SS1	PAC1-SS2	PAC1-SS3	PAC5-SS2	PAC5-SS3	PAC5-SS4	PAC4-SS3	PAC4-SS4	PAC4-SS5	PAC4-SS5	PAC4-SS5	PAC9-SS1	PAC9-SS2	PAC9-SS3	PAC5-SS5	PAC5-SS3	PAC5-SS4	PAC5-SS5	PAC5-SS5	PAC5-SS5	PAC5-SS5		
	MOE Table 1 <sup>2,3</sup>	Sample Date:	24-Oct-05	24-Oct-05	24-Oct-05	24-Oct-05	24-Oct-05	24-Oct-05	24-Oct-05	24-Oct-05	24-Oct-05	24-Oct-05	24-Oct-05	24-Oct-05	24-Oct-05	24-Oct-05	24-Oct-05	24-Oct-05	24-Oct-05	24-Oct-05	24-Oct-05	24-Oct-05	24-Oct-05		
Aceanaphthalene	0.228	0.07	<0.19	<0.22	<0.22	<0.18	<0.17	<0.16	<0.17	<0.16	<0.17	<0.17	<0.07	<0.17	<0.17	<0.07	<0.07	<0.17	<0.07	<0.07	<0.16	<0.07			
Aceanaphthalene	—	0.08	<0.22	<0.22	4.17	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19		
Anthracene	2.5	0.16	<0.3	<0.7	0.6	<0.5	<0.5	0.5	<0.3	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
Benz(a)anthracene	—	0.74	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
Benz(a)pyrene	—	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
Benz(b,k)fluoranthene	—	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
Benz(g,h,i)perylene	—	0.88	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
Chrysene	—	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
Dibenz(a,h)anthracene	—	0.16	1.3	4.2	32.4	3.1	3.1	3.1	3.1	3.1	3.1	3.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
Fluoranthene	0.25	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
Fluorene	—	0.38	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
Indeno(1,2,3- <i>cd</i> )benzene	—	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
1-Methylanthracene	—	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
Naphthalene	—	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
Phenanthrene	—	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
Pyrene	—	1	1	1	1	1	1	1	1	1	1	1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
BaP TPE <sup>4</sup>	5.3	—	—	—	—	—	—	—	—	—	—	—	2.34	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988		

Notes:

Concentrations are expressed in  $\mu\text{g}/\text{g}$ , unless noted otherwise.  
— Guidelines are not present in the CCME SQGs or MOE Table 1.

Values in light font are below either analytical detection limits.

<sup>1</sup> Laboratory detection limit is greater than the applicable Guideline/Sandard.

<sup>2</sup>Tot BaP TPE does not include Benz(a)anthracene as analysis of this parameter was not completed.

<sup>3</sup>Canadian Council of Ministers of the Environment (CCME) Canadian Soil Quality Guideline (SQG) for the Protection of Environmental Health -Guidelines for polycyclic aromatic hydrocarbons (PAHs) in soil and sediment.

<sup>4</sup> Ontario Ministry of the Environment (MOE) : Soil, Ground Water and Sediment Standards for use Under Part XV.1 of the Environmental Protection Act 2004; Table 1: Full Depth Background Site Condition Standards. All other types of property uses.

Ontario MOE Table 1 Standards are applicable where no CCME guidelines exist. Where both CCME Guidelines and MOE Standards are present, the CCME guidelines are considered applicable and the MOE Standards are provided solely for information purposes.

<sup>1</sup> Canadian Council of Ministers of the Environment (CCME) Canadian Soil Quality Guideline (SQG) for the Protection of Environmental Health -Guidelines for polycyclic aromatic hydrocarbons (PAHs) in soil and sediment.

<sup>2</sup> Ontario Ministry of the Environment (MOE) : Soil, Ground Water and Sediment Standards for use Under Part XV.1 of the Environmental Protection Act 2004; Table 1: Full Depth Background Site Condition Standards. All other types of property uses.

<sup>3</sup> Ontario MOE Table 1 Standards are applicable where no CCME guidelines exist. Where both CCME Guidelines and MOE Standards are present, the CCME guidelines are considered applicable and the MOE Standards are provided solely for information purposes.

<sup>4</sup> BaP TPE (Total Polycyclic Equivalents) are calculated by multiplying the soil concentration of individual carcinogenic PAHs by a standardised Benzo(a)pyrene Potency Equivalence Factor (PEF) to produce a Benzo(a)pyrene relative potency concentration, and subsequently summing the relative potency concentrations for the entire PAH mixture. BaP PEFs are order of magnitude estimates of carcinogenic potential and are based on the World Health Organization (WHO) IARC (1987) scheme, as follows:

Benz(a)anthracene = 0.1, Benzo(b)fluoranthene = 0.1, Benzo(k)fluoranthene = 0.1, Chrysene = 0.01.

Dibenz(a,h)anthracene = 1, Indeno(1,2,3-*cd*)benzene = 1, Phenanthrene = 1, Pyrene = 1.

For results where the analyzed parameter is below the detection limit, the detection limit was used as the concentration to calculate the BaP TPE. This SQG is based on an incremental lifetime cancer risk (ILCR) of 1 in 100,000 ( $10^{-5}$ ).

Checked by: KW

Prepared by: KW

TABLE 5  
Concentrations of Metals in Soil  
Historic (DST 2008 SSRA-HHSERA) Samples

Contaminated Site:		CS11506-001												CS11506-002											
Sample ID:	CS001 SS1	CS001 SS2	CS001 SS3	CS001 SS5	CS001 SS6	CS001 SS7	CS001 SS8	CS001 SS9	CS001 SS10	CS001 SS11	CS001 SS12	CS001 SS13	CS001 SS14	CS001 SS15	CS001 SS16	CS001 SS17	CS001 SS18	CS002 SS1	CS002 SS2	CS002 SS3	CS002 SS4	CS002 SS5			
Sample Date:	21-Sep-07	21-Sep-07																							
Parameter	CCME CECG <sup>1</sup>	NOE Table <sup>2</sup>																							
% Moisture	—	—	26	37	—	34	64	51	27	—	38	41	—	28	—	—	—	—	—	—	—	—	—	—	
pH	6-8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Antimony (Sb)	20	1	15	2.8	0.3	6	5	2.8	15	0.5	2	1.1	11	20	1	1.5	1.1	2.9	1.3	1.1	1	0.8	—	1.2	
Arsenic (As)	12	17	11	11	3	15	16	16	12	6	16	22	11	20	4	10	3	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
Barium (Ba)	500	210	270	250	57	350	350	350	310	450	120	250	250	250	230	170	240	70	400	120	54	54	54		
Beryllium (Be)	4	1.2	0.3	0.3	0.5	5	1	0.5	0.5	<0.1	0.5	0.5	0.5	0.5	<0.2	0.4	<0.1	1.4	0.9	0.7	0.5	0.3	0.4		
Chromium (Cr)	10	1.3	1.3	2.3	0.2	8.5	6.1	6.7	1.9	1.7	10	9.8	4.3	4.3	4.3	4.3	4.3	4.3	4.3	3.3	1.7	1.1	2.6		
Cobalt (Co)	64	71	32	33	12	57	49	19	29	6	34	34	15	15	15	15	15	15	32	32	22	6	9		
Copper (Cu)	63	21	4	7.2	10	10	20	21	8.7	3.4	11	12	12	12	12	12	12	2.4	18	18	2.5	2.5	3.3		
Lead (Pb)	140	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20		
Selenium (Se)	0.23	0.64	0.72	<0.05	3.67	2.35	0.35	0.94	0.2	0.58	0.96	0.51	0.17	0.38	4.2	0.28	2.71	—	—	—	—	—	—		
Silver (Ag)	10	2.5	1.4	1.7	<0.5	1.5	1.5	1.9	1.9	<2.5	5.1	1.3	1.3	1.3	1.3	1.3	1.3	1.7	2.8	1.4	1.6	1.6	1.1		
Sodium (Na)	50	43	43	25	40	18	46	46	44	46	46	46	46	46	46	46	46	34	34	34	34	34	34		
Strontium (Sr)	1	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9		
Tin (Tl)	20	0.42	0.5	0.4	0.4	1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5		
Zinc (Zn)	130	2.5	0.11	0.12	0.06	<0.25	0.19	0.23	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27		
Zinc (Zn)	91	1.9	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3		
Zinc (Zn)	200	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180		

Notes:

Concentrations are expressed in µg/g, unless noted otherwise.

— Parameter Not Analyzed

— Guideline/Standard are not present in the CCME CECG or MOE Table 1

Values in light font are below criteria and laboratory analytical detection limits.

Concentration of parameter is greater than the CCME CECG Soil Quality Guidelines for the protection of Environment and Human Health

Canadian Council of Ministers of the Environment (CCME) Canadian Environmental Quality Guidelines (CECG), Table 1 Canadian Soil Quality Guidelines for the Protection of

Environments and Human Health - Guidelines for Residential/Parkland land use and Coarse Textured Soil. Update December 2003. Includes updates up to Update 7.0, September 2007.

Background Site Condition Standards. All other types of property uses.

Silver (Ag). Soil, Ground Water and Sediment Standards for use Under Part XV.1 of the Environmental Protection Act 2004; Table 1: Full Depth

Cadmium (Cd). Standards are applicable within both CCME Guidelines areas. Where both CCME Guidelines and MOE Standards are present, the CCME Guidelines are considered applicable and the MOE Standards are provided solely for information purposes.

Prepared by: KW  
Checked by: AD



**TABLE 6**  
**Concentrations of Petroleum Hydrocarbons in Soil**  
**Historic (DST 2008 SSRA-HISSLERA) Samples**

Parameter	CCME CWS <sup>1</sup>	CCME CEQG <sup>2</sup>	MOE Table 1 <sup>3,4</sup>	CS003 SS1	CS003 SS2	CS003 SS3	CS003 SS9	CS003 DUP (Duplicate of SS9)
			Sample Date:	21-Sep-07	21-Sep-07	21-Sep-07	21-Sep-07	21-Sep-07
Benzene	—	0.03		<0.1	<0.1	<0.1	<0.1	<0.1
Ethylbenzene	—	0.082		<0.1	<0.1	<0.1	<0.1	<0.1
Toluene	—	0.37		<0.1	<0.1	<0.1	<0.1	<0.1
p,m-Xylene	—	—		<0.1	<0.1	<0.1	<0.1	<0.1
o-Xylene	—	—		<0.1	<0.1	<0.1	<0.1	<0.1
Xylenes	—	11	0.002	<0.1	<0.1	<0.1	<0.1	<0.1

**Notes:**

Concentrations are expressed in µg/g, unless noted otherwise.

—" Guideline/Standards are not present in the CCME CEQG or MOE Table 1

Values in light font are below criteria and laboratory analytical detection limits.

**Value**

Concentration of parameter is greater than the CCME CEOG soil quality guidelines for the protection of Environment and Human Health

<sup>1</sup> Canadian Council of Ministers of the Environment (CCME) Canadian Environmental Quality Guidelines (CEQG), Table 1 Canadian Soil Quality Guidelines for the Protection of Environmental and Human Health - Guidelines for Residential/Parkland Land use and Coarse Textured Soil, Update December 2003, Includes updates up to Update 7.0, September 2007.

<sup>2</sup> Ontario Ministry of the Environment (MOE) : Soil, Ground Water and Sediment Standards for use Under Part XV.1 of the Environmental Protection Act 2004; Table 1: Full Depth Background Site Condition Standards, All other types of property uses.

<sup>3</sup> Ontario MOE Table 1 Standards are applicable where no CCME guidelines and MOE Standards are present, the CCME guidelines are considered applicable and the MOE Standards are provided solely for information purposes.

Prepared by: KN  
Checked by: AD

TABLE 7  
Concentrations of Polycyclic Aromatic Hydrocarbons in Soil  
Historic (DST 2008 SSRA-HH/SLEERA) Samples

Parameter	CCME SQG <sup>1</sup>	Contaminated Site:										CS11506-001				
		Sample ID:		CS001 SS1	CS001 SS2	CS001 SS5	CS001 SS6	CS001 SS7	CS001 SS8	CS001 SS10	CS001 SS13	CS001 SS11				
		Sample Date:		21-Sep-07	21-Sep-07	21-Sep-07	21-Sep-07	21-Sep-07	21-Sep-07	21-Sep-07						
<b>MOE Table 1<sup>2,3</sup></b>																
Aceanaphthalene	0.28	0.07	<0.04	0.6	<0.04	<0.06	<0.04	<0.1	<0.06	<0.06	<0.06	<0.04				
Aceanaphthalene	320	0.08	0.67	3.02	0.19	0.37	0.53	0.99	0.14	0.14	0.13	0.13				
Anthracene	2.5	0.16	0.41	3.95	0.22	0.40	0.27	0.81	0.13	0.13	0.04	0.1				
Benz(a)anthracene	—	0.74	1.95	11.3	0.88	2.01	0.54	3.7	0.35	0.35	0.13	0.61				
Benz(a)pyrene	20	0.49	1.53	7.94	0.73	1.70	0.56	3.26	0.73	0.73	0.1	0.54				
Benz(b,j)fluoranthene	—	0.47	3.22	12.1	1.12	2.56	1.01	5.18	1.1	1.1	0.17	0.38				
Benz(g,h,i)perylene	—	0.68	1.12	4.6	0.51	1.1	0.56	2.3	0.5	0.5	<0.1	0.46				
Benz(k)fluoranthene	—	0.48	1.12	4.5	0.35	0.53	0.3	1.8	0.4	0.4	<0.06	0.30				
Chrysene	—	0.69	1.91	9.2	0.7	1.73	0.48	3.3	0.8	0.8	0.1	0.47				
Dibenz(a,h)anthracene	—	0.16	0.24	1.5	0.14	0.3	0.15	0.16	0.1	0.1	<0.1	0.11				
Fluoranthene	50	1.1	2.95	22.6	1.38	3.71	0.63	6.82	1.72	1.72	0.27	0.87				
Fluorene	0.25	0.12	0.04	0.50	0.05	0.09	0.03	0.17	<0.03	<0.03	0.06	0.02				
Indeno(1,2,3-cd)pyrene	—	0.38	1.56	5.9	0.6	1.4	0.57	2.8	0.6	0.6	<0.1	0.53				
1-Methylnaphthalene	—	0.26	<0.02	0.06	<0.02	<0.03	<0.02	<0.06	<0.06	<0.06	<0.03	<0.02				
2-Methylnaphthalene	—	0.29	<0.02	0.06	<0.02	<0.03	<0.02	<0.06	<0.06	<0.06	<0.03	<0.02				
Naphthalene	0.013	0.09	0.04	0.12	0.03	0.04	0.03	0.11	0.05	0.05	<0.03	0.04				
Phenanthrene	0.046	0.69	0.76	8.42	0.6	1.3	0.08	2.08	0.37	0.37	0.11	0.28				
Pyrene	—	1	2.79	18.9	1.3	3.48	0.72	6.47	1.73	1.73	0.25	0.89				
B(a)P TPE <sup>4</sup>	5.3	2.7561	12.958	1.1771	2.7188	0.9624	5.254	1.148	0.248	0.248	0.3913					

Notes:

Concentrations are expressed in  $\mu\text{g/g}$ , unless noted otherwise

"—" Guidelines are not present in the CCME CEQG

Values in light font are below criteria and laboratory analytical detection limits.

\*Laboratory detection limit is greater than the applicable Guideline/Standard

**Value:** Concentration of parameter is greater than the applicable CCME CEQG Guideline or MOE Table 1 Standard

<sup>1</sup> Canadian Council of Ministers of the Environment (CCME) Canadian Soil Quality Guideline (SQG) for the Protection of Environmental Health - Guidelines for Polycyclic Aromatic Hydrocarbons, 2008.

(The most conservative guideline between the protection environmental health ( $\text{SQG}_{\text{E}}$ ) and the protection of freshwater life ( $\text{SQG}_{\text{F}}$ ) was selected for comparison purposes for each parameter)

<sup>2</sup> Ontario Ministry of the Environment (MOE): Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act 2004; Table 1: Full Depth Background Site Condition Standards. All other types of property uses.

<sup>3</sup> Ontario MOE Table 1 Standards are applicable where no CCME guidelines exist. Where both CCME Guidelines and MOE Standards are present, the CCME guidelines are considered applicable and the MOE Standards are provided solely for information purposes.

<sup>4</sup> B(a)P TPE (Total Potency Equivalents) are calculated by multiplying the soil concentration of individual carcinogenic PAHs by a standardized Benzo(a)pyrene Potency Equivalence Factor (PEF) to produce a Benzo(a)pyrene relative potency concentration, and by subsequently summing the relative potency concentrations for the entire PAH mixture. B(a)P PEFs are order of magnitude estimates of carcinogenic potential and are based on the WHO IUPCS 1996 scheme, as follows: Benzo(a)anthracene = 0.1, Benzo(b,j)fluoranthene = 0.1, Benzo(a)pyrene = 1, Benzo(g,h,i)perylene = 0.1, Indeno(1,2,3-cd)pyrene = 0.1, Dibenz(a,h)anthracene = 1, Indeno(1,2,3-c,d)pyrene = 0.1. For results where the analyzed parameter is below the detection limit, the detection limit was used as the concentration to calculate the B(a)P TPE. This SQG is based on an incremental lifetime cancer risk (ILCR) of 1 in 100,000 ( $10^{-5}$ ).

Prepared by: KW

Checked by: AD

**TABLE 8**  
**Concentrations of Metals in Soil**  
**2009 Supplementary Investigation Samples**

Contaminated Site:	CS11506-001	CS11506-002	GI-002-S1	GI-003-S1	GI-006-S1 (Duplicate of GI-003-S1)	RPD(%)	CS11506-004	CS11506-005
Sample ID:	GI-001-S1						GI-004-S1	GI-005-S1
Sample Date:	11/08/2009	11/08/2009	11/08/2009	11/08/2009	11/08/2009	11/08/2009	11/08/2009	11/08/2009
Parameter	CCME CEQG <sup>1</sup>	MOE Table 1 <sup>2,3</sup>						
% Moisture	---	36	33	45	32	33.8	83	45
pH	6-8	---	5.83	5.92	5.98	5.88	5.25	5.33
Antimony (Sb)	20.0	1.0	3.4	0.2	0.5	0.9	57.1	1.7
Arsenic (As)	12	17	16	5	8	11	31.6	7
Barium (Ba)	500	210	60.0	41	51	55	7.5	29
Beryllium (Be)	4	1.2	0.2	0.6	<0.2	0.4	nc	<0.2
Cadmium (Cd)	10.0	1.0	15	0.8	0.5	0.5	0.0	0.6
Chromium (Cr)	64	71	20	10	8	10	22.2	6
Chromium, Hexavalent	0.4	2.5	<0.4	<0.4	<0.4	<1	nc	<2
Cobalt (Co)	50	21	6.2	7.4	4.7	4.9	4.2	2.8
Copper (Cu)	63	85	50	30	35	51	37.2	75
Lead (Pb)	140	120	8100	88	161	250	43.9	250
Mercury (Hg)	6.6	0.23	3.3	<0.05	0.51	0.9	55.3	~
Molybdenum (Mo)	10	2.5	2.3	<0.5	1.8	2.3	24.4	1.7
Nickel (Ni)	50	43	42	24	25	35	33.3	64
Selenium (Se)	1	1.9	1.1	1.1	1.2	1.8	40.0	3.2
Silver (Ag)	20	0.42	0.5	<0.2	0.2	0.3	40.0	<0.2
Thallium (Tl)	1	2.5	0.09	0.12	0.18	0.16	11.8	0.1
Vanadium (V)	130	91	15	44	41	40	2.5	12
Zinc (Zn)	200	160	4900	276	93	91	2.2	51

**Notes:**

Concentrations are expressed in µg/g, unless noted otherwise

<sup>a</sup> Parameter Not Analyzed

<sup>b</sup> Guidelines/Standards are not present in the CCME CEQG or MOE Table 1

Values in light font are below criteria and laboratory analytical detection limits.

RPD = Relative Percent Difference

nc = RPD not calculated as concentrations of parameters are less than three times the analytical detection limit

**Value** (Concentration of parameter is greater than the CCME CEQG soil quality guidelines for the protection of Environment and Human Health

<sup>1</sup> Canadian Council of Ministers of the Environment (CCME) Canadian Environmental Quality Guidelines (CEQG), Table 1 Canadian Soil Quality Guidelines for the Protection of Environmental and Human Health - Guidelines for Residential/Parkland Land use and Coarse Textured Soil. Update December 2003. Includes updates up to Update 7.0, September 2007.

<sup>2</sup> Ontario Ministry of the Environment (MOE) : Soil, Ground Water and Sediment Standards for use Under Part XV.1 of the Environmental Protection Act 2004; Table 1: Full Depth Background Site Condition Standards, All other types of property uses.

<sup>3</sup> Ontario MOE Table 1 Standards are applicable where no CCME guidelines exist. Where both CCME Guidelines and MOE Standards are present, the CCME guidelines are considered applicable and the MOE Standards are provided solely for information purposes.

Prepared by: KW  
Checked by: AD

**TABLE 9**  
**Concentrations of Polycyclic Aromatic Hydrocarbons in Soil**  
**2009 Supplementary Investigation Samples**

Parameter	CCMIE SQG <sup>1</sup>	MOE Table 1 <sup>2,3</sup>
Acenaphthene	0.28	0.07
Acenaphthylene	320	0.08
Anthracene	2.5	0.16
Benz(a)anthracene	—	0.74
Benzo(a)pyrene	20	0.49
Benzo(b)fluoranthene	—	0.47
Benzo(g,h,i)perylene	—	0.68
Benzo(k)fluoranthene	—	0.48
Chrysene	—	0.69
Dibenz(a,h)anthracene	—	0.13
Fluoranthene	50	0.16
Fluorene	0.25	1.1
Indeno(1,2,3-cd)pyrene	—	0.38
1-Methylnaphthalene	—	0.26
2-Methylnaphthalene	—	0.29
Naphthalene	0.013	0.09
Phenanthrene	0.046	0.69
Pyrene	—	1
<b>Ben[a]P TPE<sup>4</sup></b>	<b>5.3</b>	<b>0.24</b>

**Notes:**  
Concentrations are expressed in µg/g, unless noted otherwise  
—" Guidelines are not present in the CCMIE CEQG

Values in light font are below criteria and laboratory analytical detection limits.  
\*Laboratory detection limit is greater than the applicable CCMIE CEQG

**Value** Concentration of parameter is greater than the applicable CCMIE CEQG Guideline or MOE Table 1 Standard

<sup>1</sup> Canadian Council of Ministers of the Environment (CCMIE) Canadian Soil Quality Guideline (SQG) for the Protection of Environmental Health – Guidelines for Polycyclic Aromatic Hydrocarbons, 2008. (The most conservative guideline between the protection environmental health (SQG\_E) and the protection of freshwater life (SQG\_Fw) was selected for comparison purposes for each parameter)

<sup>2</sup> Ontario Ministry of the Environment (MOE) : Soil, Ground Water and Sediment Standards for use Under Part XV.1 of the Environmental Protection Act 2004; Table 1: Full Depth Background Site Condition Standards, All other types of property uses.

<sup>3</sup> Ontario MOE Table 1 Standards are applicable where no CCMIE guidelines exist. Where both CCMIE Guidelines and MOE Standards are present, the CCMIE guidelines are considered applicable and the MOE Standards are provided solely for information purposes.

<sup>4</sup> Ben[a]P TPE (Total Potency Equivalents) are calculated by multiplying the soil concentration of individual carcinogenic PAHs by a standardized Benzo(a)pyrene Potency Equivalence Factor (PEF) to produce a Benzo(a)pyrene relative potency concentration, and by subsequently summing the relative potency concentrations for the entire PAH mixture. Ben[a]P PEFs are order of magnitude estimates of carcinogenic potential and are based on the World Health Organization (WHO) IPCS 1998 scheme, as follows: Benzo(a)anthracene - 0.1, Benzo(a)pyrene - 1, Benzo(b)fluoranthene - 0.1, Benzo(k)fluoranthene - 0.1, Benzo(g,h,i)perylene - 0.01, Chrysene - 0.01, Indeno(1,2,3-cd)pyrene - 0.1. For results where the analyzed parameter is below the detection limit, the detection limit was used as the concentration to calculate the Ben[a]P TPE. This SQG is based on an incremental lifetime cancer risk (ILCR) of 1 in 100,000 (10<sup>-5</sup>).

Prepared by: KW  
Checked by: AD

TABLE 10  
Concentrations of Metals in Foliage Vegetation  
2009 Supplementary Investigation Samples

Contaminated Site		CS11506-001				CS11506-202				CS11506-003				
Sample ID:	GH-001-VI	GH-001-VI	GH-001-VI	GH-002-VI	PINE	SUMAC	JUNIPER	GH-002-VI	GH-002-VI	GOLDEN ROD	DOCWOOD	CEDAR	GOLDEN ROD	SUNAC
Plant Type:	RASPBERRIES	SUMAC	IRIS											ST-JOHNS-WORT
Sample Date:	11-August-2009	11-August-2009	11-August-2009	11-August-2009	11-August-2009	11-August-2009	11-August-2009	11-August-2009	11-August-2009	11-August-2009	11-August-2009	11-August-2009	11-August-2009	11-August-2009
Parameter	MOE UL <sup>a</sup> Rural Foliage (Northeastern Ontario)													
% Moisture	60	72	73	70	60	57	51	77	54	61	64	61	61	67
pH	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Antimony	0.3	<0.7	<0.2	<0.2	<0.2	<0.1	<0.2	<0.2	<0.4	<0.2	<0.2	<0.2	<0.2	<0.2
Beryllium	2	<0.2	<0.4	<0.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Boron (in Water Soluble)	—	1050	131	789	1580	19.3	92.3	84.9	104	115	118	118	118	118
Chromium	75	<0.7	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	<0.2	<0.2	<0.2	<0.2
Chromium	1	—	44	23	—	23	—	30	—	53	—	53	—	53
Cobalt	8	7	—	0.2	0.2	0.15	0.15	0.15	0.39	0.39	0.76	0.76	0.76	0.76
Copper	2	0.3	0.12	0.12	0.12	0.13	0.13	0.13	0.25	0.25	0.11	0.11	0.11	0.11
Lanthan	30	20	8	12	13	6	13	11	9	15	15	15	15	15
Molybdenum	1.5	<0.7	14.4	18.1	0.2	0.2	0.2	0.2	0.5	0.5	0.5	0.5	0.5	0.5
Nickel	30	72	6.3	4.3	1.3	0.6	0.6	<0.2	0.5	0.2	1	0.9	0.9	0.9
Selenium	0.5	<0.7	<1	<1	13.9	7.9	19.7	10.5	17.6	10.3	11.6	11.6	11.6	11.6
Silver	—	<0.7	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium	5	<0.24	<0.02	<0.02	0.07	0.016	0.017	0.016	0.06	0.014	0.01	0.01	0.01	0.01
Zinc	250	<0.7	<0.2	<0.2	0.2	<0.2	<0.2	<0.2	0.2	<0.2	<0.2	<0.2	<0.2	<0.2

Notes:  
Concentrations are expressed in  $\mu\text{g/g}$ , unless noted otherwise.

✓ Parameter Not Analyzed

— Guidelines are not present in the MOE UL Table D1

Values in light font are below criteria and laboratory analytical detection limits.

<sup>a</sup> Concentration of parameter is greater than the MOE Upper Limits of Normal for Rural Foliage Manual, Ministry of Environment and Energy (MOE), Hazardous Contaminants Branch, (HCB) Potomac-Catay Field Investigation Manual, Ministry of Environment "Upper Limit of Normal" (ULN) contaminant guidelines, Table D1

Checklist for AD

Contaminated Site	CS11505-004		CS11505-005		GI-004-VI	GI-004-VI	GI-005-VI	GI-005-VI	GI-005-VI	GI-005-VI
	Sample ID:	Plant Type:	Sample Date:	Sample Date:						
Sample ID:	GI-004-VI	JUNIPER	11-August-2009	11-August-2009	GOLDEN ROD	SUMAC	BLACKBERRIES	WHITE PINE	SUMACK	JUNIPER
Plant Type:										
Sample Date:										
AOE ULL <sup>1</sup> Rural Foliate (Northeastern Ontario)										
% Moisture	—	46	70	48	59	62	53	49	49	46
pH	—	—	—	—	—	—	—	—	—	—
Antimony	0.3	<0.1	<0.2	<0.1	<0.2	<0.2	<0.2	<0.2	<0.1	<0.1
Boron	2	<0.2	22.5	74	29.1	64.9	150	1	50.9	50.2
Boron (Total Water Soluble)	—	<0.1	—	—	<0.2	<0.2	<0.2	<0.2	<0.1	<0.1
Cadmium	75	30	0.5	0.5	0.42	0.15	0.15	0.15	20	23
Chromium	1	0.31	<0.5	<0.5	<0.5	0.09	0.37	0.03	0.18	0.18
Cobalt	8	<0.5	0.14	0.14	0.02	0.28	0.13	0.14	<0.6	<0.5
Copper	2	7	0.28	0.28	0.25	8	18	6	6	6
Lead	20	0.28	0.3	0.25	2.56	0.4	0.2	4.2	0.81	0.2
Molybdenum	1.5	0.3	1.3	0.7	1.3	0.7	<0.2	<0.1	<0.1	<0.1
Nickel	30	5.9	26.9	1.6	14.3	9.6	12	10.1	17.7	17.7
Selenium	0.5	<0.4	<0.6	<0.4	<0.5	<0.6	<0.5	<0.4	<0.4	<0.4
Silver	—	<0.1	<0.2	<0.1	<0.2	<0.2	<0.2	<0.2	<0.1	<0.1
Thallium	—	0.02	0.07	0.014	0.025	0.04	0.284	0.054	0.059	0.059
Vanadium	5	<0.1	<0.2	<0.1	<0.1	<0.2	<0.2	<0.1	<0.1	0.1
Zinc	250	32	20	33	33	81	67	43	36	44

Notes:  
Concentrations are expressed in  $\mu\text{g/g}$ , unless noted otherwise

— Parameter Not Analyzed

— Guidelines are not present in the AOE ULL<sup>1</sup> Table D-1

Values in light font are below criteria and laboratory analytical detection limits.

Concentration of parameter is greater than the AOE Upper Limits of Normal for Foliage

<sup>1</sup>Ministry of Environment and Energy (MOE) - Alberta Chromatographic Field Investigation Manual, Ministry of the Environment "Upper Limit of Normal" (ULL) contaminant guidelines, Table D-1

Prepared by KW

Checked by AC

**TABLE 11**  
**Concentrations of Metals in Grass**  
**2009 Supplementary Investigation Samples**

Parameter	MOE ULN <sup>1</sup> Rural Grass	CS11506-003	CS11506-004	CS11506-005
% Moisture	—	44	44	34
pH	—	—	—	—
Antimony	—	<0.1	<0.1	<0.1
Arsenic	—	<0.2	<0.2	<0.2
Barium	—	97.2	17.8	10.5
Beryllium	—	<0.1	<0.1	<0.1
Boron (Hot Water Soluble)	20	5	5	5
Cadmium	0.5	0.09	0.05	0.04
Chromium	5	<0.6	<0.6	<0.6
Cobalt	2	0.06	0.33	0.04
Copper	7	3.3	4	6
Lead	20	8.75	0.83	1.57
Mercury	—	—	—	—
Molybdenum	6	0.4	0.4	1.5
Nickel	5	1.8	5.8	5.1
Selenium	0.5	<0.4	<0.4	<0.4
Silver	—	<0.1	<0.1	<0.1
Thallium	—	<0.006	0.059	0.011
Vanadium	6	<0.1	<0.1	<0.1
Zinc	40	235	31	36

Notes:

Concentrations are expressed in µg/g, unless noted otherwise

<sup>1</sup> Parameter Not Analyzed

— Guidelines are not present in the MOE ULN Table D1

Values in light font are below criteria and laboratory analytical detection limits.

■ Value

Concentration of parameter is greater than the MOE Upper Limit of Normal for Grass

<sup>1</sup> Ministry of Environment and Energy (MOEE) Hazardous Contaminants Branch (HCB) Pytotoxicology Field Investigation Manual, Ministry of the Environment "Upper Limit of Normal" contaminant guidelines, Table D1

Prepared by: KW  
Checked by: AD

**TABLE 12**  
**Concentrations of Metals in Moss**  
**2009 Supplementary Investigation Samples**

Parameter	MOE ULN <sup>2</sup> Rural Moss	CS11506-003 GI-003-VI	CS11506-004 GI-004-VI
% Moisture	—	50	77
pH	—	—	—
Antimony	—	—	—
Arsenic	1	1.3	1.2
Barium	—	612	47
Beryllium	—	0.3	<0.4
Boron (Hot Water Soluble)	—	3	6
Cadmium	2	1.83	1.31
Chromium	—	29	3
Cobalt	—	8.06	1.67
Copper	8	124	76
Lead	35	3330	667
Molybdenum	—	1.6	1.3
Nickel	6	224	263
Selenium	0.6	1	3
Silver	—	0.6	0.8
Thallium	—	0.12	0.11
Vanadium	—	18.8	5.1
Zinc	100	684	109

**Notes:**

Concentrations are expressed in µg/g, unless noted otherwise

<sup>1</sup>: Parameter Not Analyzed

"": Guidelines are not present in the MOE ULN Table D1

Values in light font are below criteria and laboratory analytical detection limits.

Value	Concentration of parameter is greater than the MOE Upper Limit of Normal for Moss
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<sup>1</sup> Ministry of Environment and Energy (MOEE) Hazardous Contaminants Branch (HCB) Pytotoxicology Field Investigation Manual, Ministry of the Environment "Upper Limit of Normal" contaminant guidelines, Table D3

Prepared by: KW  
Checked by: AD

Paint sample results in excess of applicable regulations from previous investigations are as follows:

- PAC-2-LP-1 (.08 %) – 1<sup>st</sup> floor, inside lighthouse
- PAC-2-LP-3 (3.05 %) – 2<sup>nd</sup> and 3<sup>rd</sup> floor, inside lighthouse
- PAC-2-LP-4 (8.49 %) – 4<sup>th</sup> floor, inside lighthouse
- PAC-2-LP-5 (.99 %) – 4<sup>th</sup> floor, handrail outside lighthouse
- PAC-4-LP-1 (.27 %) – Exterior south wall of boathouse
- PAC-4-LP-2 (.89 %) – Exterior of red door on boathouse
- PAC-4-LP-3 (.18 %) – Exterior of north and west walls on boathouse
- PAC-4-LP-4 (.50 %) – Exterior of garage door and east wall on boathouse
- PAC-8-LP-2 (.18 %) – Exterior of east and north walls, residence building
- PAC-8-LP-3 (.36 %) – Exterior of west and south walls, residence building
- PAC-8-LP-4 (.20 %) – Walkway on west side of residence building
- PAC-8-LP-6 (.27 %) – Concrete floor in the basement

\*Federal Surface Coating Regulations – 0.009% by dry weight is considered lead containing

**TABLE 4**  
**PAINT SAMPLE**  
**LEAD RESULTS**  
**SUPPLEMENTAL**  
**PHASE III ESA**  
**GEREAUX ISLAND LIGHT STATION, GEREAOUX ISLAND, ON**

Parameter	Units	Sample Location								
		B.H LS-2	L.H LS-1	L.H LS-2	L.H LS-3	L.H LS-4	L.H LS-5	L.H LS-6	LS-99	L.H LS-7
Leachable Lead (Pb)	mg/L	0.28	0.16	ND	0.07	0.020	11	21	0.06	7
Schedule 4 - O.Reg 347	%	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06

Parameter	Units	Sample Location							
		R.B LS-8	R.B LS-9	R.B LS-2	R.B LS-3	R.B LS-4	R.B LS-5	R.B LS-6	R.B LS-7
Lead (Pb)	mg/L	ND	0.3	ND	ND	0.14	0.5	ND	0.05
Schedule 4 - O.Reg 347	%	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06

1. Schedule 4 of R.R.O. 1990, Reg. 347.
2. LS-99 is a field duplicate of LS-7
3. Exceedance of O.Reg 347 Criteria

**TABLE 5**  
**PAINT SAMPLE**  
**PCB RESULTS**  
**SUPPLEMENTAL**  
**PHASE III ESA**  
**GEREAUX ISLAND LIGHT STATION, GEREAUX ISLAND, ON**

Parameter	Units	Sample Location								
		B.H LS-2	L.H LS-1	L.H LS-2	L.H LS-3	L.H LS-4	L.H LS-5	L.H LS-6	LS-99	L.H LS-7
Total PCB	ug/g	0.1	0.5	ND	0.2	0.200	ND	0.1	1.7	0.09
Environment Canada PCB Regulations	mg/kg	2	2	2	2	2	2	2	2	2

Parameter	Units	Sample Location							
		R.B LS-8	R.B LS-9	R.B LS-2	R.B LS-3	R.B LS-4	R.B LS-5	R.B LS-6	R.B LS-7
Total PCB	ug/g	0.5	ND	0.5	0.4	0.7	ND	ND	3.2
Environment Canada PCB Regulations	mg/kg	2	2	2	2	2	2	2	2

1. Environment Canada's PCB Regulations
2. LS-99 is a field duplicate of LS-7
3. Exceedance of Environment Canada criteria