

Analytical Results August 2016

		Client ID:		IIA-2	IIA-4	IIA-4.1	IIA-4.2
		Sample ID:		B16-25850-1	B16-25850-2	B16-25850-3	B16-25850-4
		Date Collected:		27-Aug-16	27-Aug-16	27-Aug-16	27-Aug-16
Analyte	CCME Guideline for Freshwater Habitat	Unit	Analytical Detection Limit				
Acenaphthene	5.8	µg/L	0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	N/A	µg/L	0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	0.012	µg/L	0.05	< 0.05	< 0.05	< 0.05	< 0.05
Arsenic	5	µg/L	0.1	0.0002	< 0.0001	< 0.0001	< 0.0001
Benzene	370	µg/L	0.5	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)anthracene	N/A	µg/L	0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	0.015	µg/L	0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(b)fluoranthene	N/A	µg/L	0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b+k)fluoranthene	N/A	µg/L	0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(g,h,i)perylene	N/A	µg/L	0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	N/A	µg/L	0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	N/A	µg/L	0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	N/A	µg/L	0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ethylbenzene	90	µg/L	0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ethylene Glycol	192	mg/L	3	< 3	< 3	< 3	< 3
Fluoranthene	0.04	µg/L	0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	3	µg/L	0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3,-cd)pyrene	N/A	µg/L	0.05	< 0.05	< 0.05	< 0.05	< 0.05
Lead	1	µg/L	0.02	0.0001	< 0.00002	0.00007	0.00003
Methylnaphthalene 2-(1-)	N/A	µg/L	0.07	< 0.07	0.15	0.16	0.11
Methylnaphthalene,1-	N/A	µg/L	0.05	< 0.05	< 0.05	0.06	< 0.05
Methylnaphthalene,2-	N/A	µg/L	0.05	< 0.05	0.11	0.1	0.07
Naphthalene	1.1	µg/L	0.05	< 0.05	< 0.05	< 0.05	< 0.05
Oil & Grease-Total	N/A	mg/L	1	1.5	1.8	< 1.0	< 1.0
pH @25°C	9	pH Units		7.85	7.73	7.71	7.74
PHC F1 (C6-C10)	N/A	µg/L	20	< 20	< 20	< 20	< 20
PHC F2 (>C10-C16)	N/A	µg/L	50	< 50	< 50	< 50	< 50
PHC F3 (>C16-C34)	N/A	µg/L	400	< 400	< 400	< 400	< 400
PHC F4 (>C34-C50)	N/A	µg/L	400	< 400	< 400	< 400	< 400
Phenanthrene	0.4	µg/L	0.05	< 0.05	< 0.05	< 0.05	< 0.05
Propylene Glycol	500	mg/L	3	< 3	< 3	< 3	< 3
Pyrene	0.025	µg/L	0.05	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	2	µg/L	0.5	< 0.5	< 0.5	< 0.5	< 0.5
Total Suspended Solids	N/A	mg/L	3	3	3	3	3
Xylene, m,p-	N/A	µg/L	0.4	< 0.4	< 0.4	< 0.4	< 0.4
Xylene, m,p,o-	N/A	µg/L	0.4	< 0.4	< 0.4	< 0.4	< 0.4
Xylene, o-	N/A	µg/L	0.1	< 0.1	< 0.1	< 0.1	< 0.1



= detection limit is higher than the guideline value

= result does not respect the guideline value

