

Appendix 2 – Single-sample water concentrations of metals from our 4 sites. On the same day, we collected 4 samples on different locations of each site and pooled them for analysis to produce the single measures listed here. Sites are presented in order of proximity to downtown Edmonton.

Table A2.1

Single-sample water concentrations of metals from our 4 sites.

SITE	Al	Sb	As	Cd	Cr	Cu	Fe	Pb	MeHg	Se	Zn	V	∑ metals	PC1met	PC2met
RP	0.0048	0.00019	0.00242	0.000005	0.0002	0.00144	0.175	0.000063	0.000491	0.000145	0.0051	0.00067	0.189854	0.183235	0.00654
FM	0.0062	0.00025	0.00284	0.000005	0.00017	0.00196	0.049	0.00005	0.000489	0.000242	0.001	0.00099	0.062206	0.059442	0.00296
BL	0.0028	0.00013	0.00178	0.000005	0.00013	0.00141	0.114	0.00005	0.000691	0.000109	0.002	0.0005	0.123105	0.119319	0.00341
BBO	0.0955	0.0005	0.0024	0.000182	0.00056	0.0043	0.191	0.00025	0.00638	0.00025	0.02	0.0025	0.321322	0.29221	0.0243

RP; Roper Pond, FM; Fulton Marsh, BL; Big Lake, BBO; Beaverhill Lake, Al; aluminum, Sb; antimony, As; arsenic, Cd; cadmium, Cr; chromium, Cu; copper, Fe; iron, Pb; lead, MeHg; methylmercury, Se; selenium, Zn; zinc, V; vanadium, ∑ metals; sum of all metals, PC1met; sum of metals included in the PC1 of fecal metals (Al, As, Cr, Fe, Se, V), PC2met; sum of metals included in the PC2 of fecal metals (Cu and Zn).