

### Methylmercury Monitoring Plan Analytics - Water

Date Entered	Sample Site	Sample Date	Sample Depth	AGAT Work Order #	Laboratory Analysis																	In Situ						Notes
					Dissolved MeHg (ng/L)	Total MeHg (ng/L)	Low Level THg (mg/L)	Low Level DHg (mg/L)	Sulphate (mg/L)	Sulphide (mg/L)	Ammonia as N (mg/L)	Total Kjeldahl Nitrogen as N (mg/L)	Nitrate as N (mg/L)	Nitrite as N (mg/L)	Total Phosphorous as P (mg/L)	Total Organic Carbon (mg/L)	Dissolved Organic Carbon (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH	Salinity (ppt)	Temperature (°C)	Total Dissolved Solids (mg/L)	*Reported Detection Limit (RDL)	
					*RDL				2	0.05	0.05	0.4	0.05	0.05	0.03	0.5	0.5	5	0.1	0.1	NA	NA	NA	NA	NA	NA	NA	**Method Detection Limit (MDL)
2-Dec-16	1	14-Oct-16	Surface	16X148846	0.01**	0.01**	0.0000019	0.0000025	<2	<0.05	<0.05	<0.4	0.05	0.05	<0.03	5.1	5	<5	1.2	0.1	NA	NA	NA	NA	NA			
2-Dec-16	2	14-Oct-16	Surface	16X148846		0.031			<2	<0.05	<0.05	<0.4			<0.03	6.6	6.1	<5	3.5									
2-Dec-16	3	14-Oct-16	Surface	16X148846		0.016			<2	<0.05	<0.05	<0.4			<0.03	5.3	5.1	7	4									
2-Dec-16	4	14-Oct-16	Surface	16X148846	0.010	0.018			<2	<0.05	<0.05	<0.4			<0.03	5.2	5.2	<5	1.7									
2-Dec-16	4	14-Oct-16	Mid	16X148846	0.025	0.018			<2	<0.05	<0.05	<0.4			<0.03	5.2	5	<5	1.8									
2-Dec-16	4	14-Oct-16	Bottom	16X148846	0.011	0.024			<2	<0.05	<0.05	<0.4			<0.03	5.4	5.3	<5	2.2									
2-Dec-16	5	14-Oct-16	Surface	16X148846		0.021			<2	<0.05	<0.05	<0.4			<0.03	5.5	5.2	17	3.7									
2-Dec-16	6	14-Oct-16	Surface	16X148846		0.023			<2	<0.05	<0.05	<0.4			2.92	5.4	5.1	571	12.5									
2-Dec-16	7	14-Oct-16	Surface	16X148846		0.037			<2	<0.05	<0.05	<0.4			<0.03	5.3	5.1	8	3.9									
2-Dec-16	8	14-Oct-16	Surface	16X148846		0.022			123	<0.05	<0.05	<0.4			<0.03	6.7	7.3	13	3.8									
2-Dec-16	9	14-Oct-16	Surface	16X148846		0.058			777	<0.05	<0.05	<0.4			<0.03	5.7	5	50	12.6									
2-Dec-16	10	14-Oct-16	Surface	16X148846	<MDL	<MDL			1250	<MDL	<MDL	<0.4			<0.03	3.3	3.1	8	1.2									
2-Dec-16	10	14-Oct-16	Nephloid	16X148846	<MDL	<MDL			1550	<MDL	<MDL	<0.4			<0.03	2.8	2.6	9	0.9									
2-Dec-16	10	14-Oct-16	Below Nephloid	16X148846	<MDL	<MDL			1770	<MDL	<MDL	<0.4			<0.03	2.3	2.4	7	0.9									
2-Dec-16	11	14-Oct-16	Surface	16X148846		<MDL			1970	<MDL	<MDL	<0.4			<0.03	2.4	2	15	1.2									
2-Dec-16	1	16-Oct-16	Surface	16X149139	<MDL	0.013			<2	<0.05	<0.05	<0.4			0.13	4.8	5.3	<5	1.1	22	12		0.0178					
2-Dec-16	2	16-Oct-16	Surface	16X149139	0.018	0.018			<2	<0.05	<0.05	<0.4			<0.03	6.5	6	<5	1.8	18	12.5		0.0159					
2-Dec-16	3	16-Oct-16	Surface	16X149139	<MDL	0.017			<2	<0.05	<0.05	<0.4			<0.03	5.1	5	<5	2.5	21	12.3		0.0174					
2-Dec-16	4	16-Oct-16	Surface	16X149139	<MDL	0.011			<2	<0.05	<0.05	<0.4			<0.03	5	4.9	<5	1.1	21	11.9		0.0174					
2-Dec-16	4	16-Oct-16	Mid	16X149139	<MDL	0.011			<2	<0.05	<0.05	<0.4			0.53	5.2	4.9	<5	0.9	21	11.8		0.0174					
2-Dec-16	4	16-Oct-16	Bottom	16X149139	<MDL	<MDL			<2	<0.05	<0.05	<0.4			0.26	5.1	4.9	<5	1.7	22	12		0.0178					
2-Dec-16	5	16-Oct-16	Surface	16X149139	0.010	<MDL			<2	<0.05	<0.05	<0.4			0.05	5.1	4.9	31	9.6	21	12.6		0.0174					
2-Dec-16	6	16-Oct-16	Surface	16X149139	<MDL	<MDL			<2	<0.05	<0.05	<0.4			0.28	5.1	4.9	<5	2.6	21	12.4		0.0174					
2-Dec-16	7	16-Oct-16	Surface	16X149139	<MDL	<MDL			<2	<0.05	<0.05	<0.4			<0.03	5.3	5.1	7	4.1	23	12.2		0.0183					
2-Dec-16	8	16-Oct-16	Surface	16X149139	0.024	0.041			54	<0.05	<0.05	<0.4			0.06	7.7	6.9	<5	3.4	1080	12.4		0.604					
2-Dec-16	9	16-Oct-16	Surface	16X149139	<MDL	0.070			755	<0.05	<0.05	<0.4			0.35	4.6	4.8	48	19.3	5820	12.4		3.56					
2-Dec-16	10	16-Oct-16	Surface	16X149139	0.011	0.018			1670	<0.05	<0.05	<0.4			0.35	2.4	2.2	17	0.7	9150	11.9		5.71					
2-Dec-16	10	16-Oct-16	Nephloid	16X149139	<MDL	<MDL			1840	<MDL	<MDL	0.4			0.05	2.4	2.2	15	1.4	9750	11.9		6.03					
2-Dec-16	10	16-Oct-16	Below Nephloid	16X149139	<MDL	<MDL			1770	<MDL	<MDL	<0.4			0.4	2.3	2.1	13	1.5	9090	12.1		5.66					
2-Dec-16	11	16-Oct-16	Surface	16X149139	<MDL	<MDL			2070	<MDL	<MDL	<0.4			0.26	2.3	2.2	25	5.6	9330	15.7		5.87					
9-Dec-16	1	5-Nov-16	Surface	16X157359	0.013	0.012	0.0000243		<2	<0.05	<0.05	0.5	<0.05	<0.05	<0.03	7.0	7.2	<5	0.9	13.7	19	22.13	5.66	0.01	2.37	0.013		
9-Dec-16	4	5-Nov-16	Surface	16X157359	<MDL	0.014	0.0000219		<2	<0.05	<0.05	1.0	<0.05	<0.05	<0.03	5.4	5.5	8	1.8	13.4	20	24.4	6.12	0.01	4.3	0.013		
9-Dec-16	4	5-Nov-16	Mid																	19	16.45	5.81	0.01	4.22	0.013			
9-Dec-16	4	5-Nov-16	Bottom	16X157359	<MDL	0.010			<2	<0.05	<0.05	0.5	<0.05	<0.05	<0.03	5.2	5.5	7	1.8	12.8	19	17.21	5.77	0.01	4.22	0.012		
9-Dec-16	5	5-Nov-16	Surface	16X157359	0.025	0.015	0.0000192		<2	<0.05	<0.05	1.2	<0.05	<0.05	0.06	5.4	5.5	<5	5.4	14.0	20	20.1	6.12	0.01	3.97	0.013		
9-Dec-16	7	5-Nov-16	Surface	16X157359	0.011	0.018	0.0000165		<2	<0.05	<0.05	0.6	<0.05	<0.05	0.09	5.6	5.4	7	4.2	13.6	24	20.55	7.01	0.01	3.51	0.015		
9-Dec-16	8	5-Nov-16	Surface	16X157359	0.025	0.020	0.0000281		4	<0.05	<0.05	0.4	<0.05	<0.05	0.11	8.4	8.1	<5	3.0	14.4	60	22.3	6.32	0.03	-0.06	0.032		
9-Dec-16	10	5-Nov-16	Surface	16X157359	<MDL	<MDL	0.0000188		1210	<0.05	<0.05	0.4	<0.05	<0.05	0.14	3.5	3.5	6	1.7	13	26166	18.95	6.89	15.62	2.44	17.02		
9-Dec-16	10	5-Nov-16	Nephloid																	26276	17.78	6.91	15.7	2.62	17.07			
9-Dec-16	10	5-Nov-16	Below Nephloid	16X157359	<MDL	<MDL			1170	<0.05	<0.05	0.4	<0.05	<0.05	0.18	3.4	3.6	10	1.4	12.5	26374	21.82	6.84	15.73	2.67	17.12		
9-Dec-16	11	5-Nov-16	Surface	16X157359	<MDL	<MDL	0.0000169		2130	<MDL	<MDL	0.8	<0.05	<0.05	0.29	2	2.2	<5	0.7	13.4	46010	14.5	6.67	29.05	3.46	29.92		
9-Dec-16	1	7-Nov-16	Surface	16X157937	0.036	0.041	0.0000091		<2	<0.05	<0.05	0.7	0.39	<0.05	<0.03	9.6	9.8	<5	0.7	12.6	21	19	5.78	0.01	-0.04	0.013		
9-Dec-16	4	7-Nov-16	Surface	16X157937	0.017	0.025	0.0000026		<2	<0.05	<0.05	1	0.06	<0.05	<0.03	5.6	5.3	<5	1.5	11.7	20	17.21	6.14	0.01	3.01	0.013		
9-Dec-16	4	7-Nov-16	Mid	16X157937	0.022	0.022			<2	<0.05	<0.05	0.8	0.05	<0.05	<0.03	5.5	5.4	<5	2	11.8	19	16.74	6.12	0.01	3.04	0.013		
9-Dec-16	4	7-Nov-16	Bottom	16X157937	0.013	0.021			<2	<0.05	<0.05	0.9	<0.05	<0.05	0.04	5.5	5.4	<5	1.4	11.8	19	18.5	6.09	0.01	3.01	0.013		
9-Dec-16	5	7-Nov-16	Surface	16X157937	0.014	0.022	0.0000177		<2	<0.05	<0.05	0.7	<0.05	<0.05	0.09	4.9	4.8	21	10.9	12.2	21	19.5	6.36	0.01	2.8	0.013		
9-Dec-16	7	7-Nov-16	Surface	16X157937	0.019	0.024	0.0000182		<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.09	5	4.7	6	5.1	11.8	23	17.44	7.05	0.01	2.85	0.013		
9-Dec-16	8	7-Nov-16	Surface	16X157937	0.026	0.030	0.0000399		3	<0.05	<0.05	0.7	<0.05	<0.05	<0.03	7.8	7.4	<5	235	11.7	128	20.75	6.5	0.06	0.11	0.081		
9-Dec-16	10	7-Nov-16	Surface	16X157937	<MDL	<MDL	0.0000343		1660	<0.05	<0.05	1.2	<1	<1	<0.03	2.6	2.3	7	1	11	35568	14.3	7.18	21.93	3.46	23.1	Nitrate/Nitrite RDL = 1 mg/L	
9-Dec-16	10	7-Nov-16	Nephloid	16X157937	<MDL	<MDL			1710	<0.05	<0.05	0.8	<1	<1	0.06	2.5	2.4	<5	1.1	11.4	36701	13.52	7.18	22.77	3.82	23.92	Nitrate/Nitrite RDL = 1 mg/L	
9-Dec-16	10	7-Nov-16	Below Nephloid	16X157937	<MDL	<MDL			1730	<0.05	<0.05	0.5	<1	<1	<0.03	2.1	2.1	<5	0.6	11.5	36852	13.77	7.17	22.88	3.68	21.9	Nitrate/Nitrite RDL = 1 mg/L	
9-Dec-16	11	7-Nov-16	Surface	16X157937	<MDL	<MDL	0.0000199		1810	<0.05	<0.05	0.5	<1	<1	0.07	2.7	2.7	6	0.9	11.7	40716	17.2	6.82	24.88	0.03	26.46	Nitrate/Nitrite RDL = 1 mg/L	
9-Dec-16	1	10-Nov-16	Surface	16X159468	0.015	0.023	0.0000065		<2	<0.05	<0.05	<0.4	0.09	<0.05	<0.03	5.2	5	<5	1.2	12.2	21	19	5.78	0.01	3.7	0.013		

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Date Entered	Sample Site	Sample Date	Sample Depth	AGAT Work Order #	Laboratory Analysis																In Situ						Notes
					Dissolved MeHg (ng/L)	Total MeHg (ng/L)	Low Level THg (mg/L)	Low Level DHg (mg/L)	Sulphate (mg/L)	Sulphide (mg/L)	Ammonia as N (mg/L)	Total Kjeldahl Nitrogen as N (mg/L)	Nitrate as N (mg/L)	Nitrite as N (mg/L)	Total Phosphorous as P (mg/L)	Total Organic Carbon (mg/L)	Dissolved Organic Carbon (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH	Salinity (ppt)	Temperature (°C)	Total Dissolved Solids (mg/L)	*Reported Detection Limit (RDL)
					*RDL	0.01**	0.01**	0.0000019	0.0000025	2	0.05	0.05	0.4	0.05	0.05	0.03	0.5	0.5	5	0.1	0.1	NA	NA	NA	NA	NA	NA
9-Dec-16	4	17-Nov-16	Mid	16X161644	0.015	0.024			<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	5.6	5.2	<5	1.2	12.1	20	17.76	6.16	0.01	0.80	0.013	
9-Dec-16	4	17-Nov-16	Bottom	16X161644	0.016	0.024			<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	5.7	5	<5	1.8	12.1	22	18.30	6.11	0.01	0.80	0.014	
9-Dec-16	5	17-Nov-16	Surface	16X161644	0.015	0.024	<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.1	5.8	5.3	<5	2.5	12.6	27	21.09		0.01	1.03	0.016	
13-Jan-17	1	22-Nov-16	Surface	16X163271	0.029	0.051	0.000016		<2	<0.05	<0.05	0.7	0.06	<0.05	<0.03	12.6	12	8	3.3	12.4	17	18.9	6.41	0.01	0.15	0.011	
13-Jan-17	4	22-Nov-16	Surface	16X163271	0.014	0.020	0.000011		<2	<0.05	<0.05	0.8	<0.05	<0.05	<0.03	5.3	4.8	<5	4	12.1	22	19.28	6.18	0.01	2.39	0.014	
13-Jan-17	4	22-Nov-16	Mid	16X163271	0.019	0.017			<2	<0.05	0.06	<0.4	<0.05	<0.05	<0.03	5	4.8	<5	4.1	11.9	21	17.05	6.11	0.01	2.39	0.013	
13-Jan-17	4	22-Nov-16	Bottom	16X163271	0.019	0.023			<2	<0.05	<0.05	0.5	<0.05	<0.05	<0.03	5	5	6	2.7	12	22	23	6.08	0.01	2.42	0.014	
13-Jan-17	5	22-Nov-16	Surface	16X163271	0.013	0.022	0.00001		<2	<0.05	<0.05	0.8	<0.05	<0.05	<0.03	5.1	5	35	7	12.6	26	20.32	6.51	0.01	2.03	0.016	
13-Jan-17	7	22-Nov-16	Surface	16X163271	0.019	0.017	<0.0000019		<2	<0.05	<0.05	2.1	<0.05	<0.05	<0.03	5.2	4.8	5	6.7	12.5	100	19.22		0.01	1.98	0.066	
13-Jan-17	8	22-Nov-16	Surface	16X163271	0.021	0.034	<0.0000019		26	<0.05	<0.05	0.5	<0.05	<0.05	0.08	7.5	7.2	<5	15.4	12.2	846	20.09		0.41	0.21	0.548	
13-Jan-17	10	22-Nov-16	Surface	16X163271	<MDL	<MDL	<0.0000019		1000	<0.05	<0.05	0.5	0.14	5.88	0.03	10.3	10.6	<5	1.9	11.9	22656	17.68		13.16	1.17	14.61	
13-Jan-17	10	22-Nov-16	Nephloid	16X163271	<MDL	<MDL			1080	<0.05	<0.05	0.4	0.11	5.83	<0.03	1.9	1.9	<5	1.4	11.9	27326	16.74		16.14	1.05	17.71	
13-Jan-17	10	22-Nov-16	Below Nephloid	16X163271	<MDL	<MDL			1260	<0.05	<0.05	<0.4	4.8	6.86	<0.03	1.5	1.6	6	2.1	12	28642	22.3		16.75	1.05	18.43	
13-Jan-17	11	22-Nov-16	Surface	16X163271	<MDL	0.019	0.00001		1710	<0.05	<0.05	0.4	6.57	<1	<0.03	2.8	2.7	9	1.7	11.9	35184	22.7		21.43	1.69	22.84	Nitrate/Nitrite RDL = 1 mg/L
14-Dec-16	1	24-Nov-16	Surface	16X164162	0.021	0.041	0.000018		<2	<0.05	<0.05	0.8	<0.05	<0.05	<0.03	13.8	13.5	<5	1.3	13	15	24.8	6.78	0.01	0.02	0.011	
14-Dec-16	4	24-Nov-16	Surface	16X164162	<MDL	0.024	0.000015		<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.6	4.4	5	5.5	12.4	20	18.21	6.97	0.01	1.41	0.014	
14-Dec-16	4	24-Nov-16	Mid	16X164162	<MDL	0.029			<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.6	4.5	<5	4.8	12.1	22	17.09	6.96	0.01	1.41	0.014	
14-Dec-16	4	24-Nov-16	Bottom	16X164162	<MDL	0.022			<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.5	4.3	<5	4.5	12	21	20.68	7.1	0.01	1.4	0.013	
14-Dec-16	5	24-Nov-16	Surface	16X164162	<MDL	0.022	0.000015		<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.5	4.7	7	9.3	12.5	22	25.2	7.04	0.01	1.57	0.015	
14-Dec-16	1	26-Nov-16	Surface	16X164670	0.032	0.038	0.0000068	0.0000045	<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	12.7	12.2	<5	1.2	13.2	16	24.3	6.91	0.01	-0.09	0.01	
14-Dec-16	4	26-Nov-16	Surface	16X164670	<MDL	0.016	0.0000039	<0.0000025	<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.4	4.2	<5	1.6	12.2	21	19.2	6.95	0.01	0.51	0.014	
14-Dec-16	4	26-Nov-16	Mid	16X164670	0.015	0.023			<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.03	4.3	4.2	<5	2.3	12.2	22	18.48	6.95	0.01	0.51	0.014	
14-Dec-16	4	26-Nov-16	Bottom	16X164670	0.013	0.015			<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.4	4.1	<5	2.1	12.4	22	25.3	6.98	0.01	0.55	0.014	
14-Dec-16	5	26-Nov-16	Surface	16X164670	0.013	0.017	0.0000126	<0.0000025	<2	<0.05	<0.05	0.4	<0.05	<0.05	<0.03	4.6	4.2	7	4.9	13.4	21	25.4	6.94	0.01	0.96	0.014	
14-Dec-16	7	26-Nov-16	Surface	16X164670	0.010	0.017	0.0000028	<0.0000025	<2	<0.05	<0.05	0.5	<0.05	<0.05	<0.03	4.4	4.5	<5	7.4	13.3	23	23.3	7.13	0.01	1.1	0.015	
14-Dec-16	8	26-Nov-16	Surface	16X164670	0.036	0.033	0.0000058	0.0000033	<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	12.1	11.4	<5	2.3	13.4	55	20.13	7.02	0.02	0.12	0.035	
14-Dec-16	10	26-Nov-16	Surface	16X164670	<MDL	<MDL	<0.0000019	<0.0000025	1190	<0.05	<0.05	<0.4	2.49	<1	0.11	2	1.8	5	1.5	11.9	25926	19.88	7.33	0.01	-0.26	16.71	Nitrate/Nitrite RDL = 1 mg/L
14-Dec-16	10	26-Nov-16	Nephloid	16X164670	<MDL	<MDL			1350	<0.05	<0.05	<0.4	4.6	<1	0.08	1.6	2	<5	1	11.9	30457	17.42	7.28	0.01	1.3	19.81	Nitrate/Nitrite RDL = 1 mg/L
14-Dec-16	10	26-Nov-16	Below Nephloid	16X164670	<MDL	<MDL			1530	<0.05	<0.05	<0.4	<1	<1	0.06	0.9	1	11	1	12.2	29650	22.3	7.1	0.01	1.2	24.63	Nitrate/Nitrite RDL = 1 mg/L
14-Dec-16	11	26-Nov-16	Surface	16X164670	<MDL	0.011	<0.0000019	<0.0000025	2300	<0.05	<0.05	<0.4	0.08	<2.5	0.06	<0.5	<0.5	15	1.2	13.8	46588	23.5	7.12	28.91	0.42	30.28	Nitrate/Nitrite RDL = 2.5 mg/L
13-Jan-17	1	29-Nov-16	Surface	16X165692	0.038	0.040	0.0000078	0.0000058	<2	<0.05	<0.05	0.7	<0.05	<0.05	<0.03	10.8	10.2	<5	1	11.5	18	19.15	6.67	0.01	-0.08		
13-Jan-17	4	29-Nov-16	Surface	16X165692	0.017	0.016	0.0000046	0.0000036	<2	<0.05	<0.05	0.7	<0.05	<0.05	<0.03	4.4	4.8	<5	1.8	12.2	23	19.01	7.44	0.01	0	0.015	
13-Jan-17	5	29-Nov-16	Surface	16X165692	0.013	0.016	0.0000084	0.0000027	<2	<0.05	<0.05	0.7	<0.05	<0.05	0.15	4.2	4	<5	2.9	12.3	23	21.3	7.13	0.01	-0.11	0.014	
13-Jan-17	1	2-Dec-16	Surface	16X166781	0.013	0.024	0.0000024		<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.07	4.1	4.6	18	4.8	12.2	21	22.15	6.74	0.01	-0.1	0.015	
13-Jan-17	4	2-Dec-16	Surface	16X166781	0.015	0.021	0.0000186		<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	5.3	5	<5	1.9	12.1	20	20.76	7.1	0.01	-0.06	0.016	
13-Jan-17	5	2-Dec-16	Surface	16X166781	0.018	0.016	<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.7	4.4	<5	3	12.8	21	24.36	7.31	0.01	-0.06		
16-Jan-17	1	11-Dec-16	Surface	16X169939	0.011	0.024	0.0000153		<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	6.9	6.1	<5	1.1	12.7	25	16.62	8.19	0.01	0.05	0.016	
16-Jan-17	4	11-Dec-16	Surface	16X169939	0.013	0.025	<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	5.9	5.2	<5	1.8	12.9	24	19.67	8.07	0.01	0.02	0.016	
16-Jan-17	5	11-Dec-16	Surface	16X169939	<MDL	0.015	0.0000129		<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	5.4	5.2	<5	1.4	12.9	25	21.2	7.78	0.01	0	0.016	
16-Jan-17	7	11-Dec-16	Surface	16X169939	0.010	0.019	<0.0000019		<2	<0.05	<0.05	0.7	<0.05	<0.05	<0.03	5.6	5.5	<5	1.8	13.1	26	19.12	7.72	0.01	0	0.017	
16-Jan-17	8	11-Dec-16	Surface	16X169939	0.028	0.029	&																				



### Methylmercury Monitoring Plan Analytics - Water

Date Entered	Sample Site	Sample Date	Sample Depth	AGAT Work Order #	Laboratory Analysis																In Situ						Notes
					Dissolved MeHg (ng/L)	Total MeHg (ng/L)	Low Level THg (mg/L)	Low Level DHg (mg/L)	Sulphate (mg/L)	Sulphide (mg/L)	Ammonia as N (mg/L)	Total Kjeldahl Nitrogen as N (mg/L)	Nitrate as N (mg/L)	Nitrite as N (mg/L)	Total Phosphorous as P (mg/L)	Total Organic Carbon (mg/L)	Dissolved Organic Carbon (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH	Salinity (ppt)	Temperature (°C)	Total Dissolved Solids (mg/L)	*Reported Detection Limit (RDL)
					*RDL	0.01**	0.01**	0.0000019	0.0000025	2	0.05	0.05	0.4	0.05	0.05	0.03	0.5	0.5	5	0.1	0.1	NA	NA	NA	NA	NA	NA
15-Mar-17	N1	6-Feb-17	Surface	17X184860	0.035	0.033	<0.0000019		<2	<0.05	<0.05	<0.4	0.07	<0.05	<0.03	6.4	6.1	<5	1.9	11.3	137	18.6	7.45	0.01	0	0.087	
15-Mar-17	N4	6-Feb-17	Surface	17X184860	0.010	0.025	<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.1	4.7	4.5	389	17.8	11.3	25	22.1	7.75	0.01	0.03	0.017	
15-Mar-17	N5	6-Feb-17	Surface	17X184860	<MDL	0.019	<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.06	4.6	4.4	50	17.5	11.4	26	23.42	7.84	0.01	0	0.017	
15-Mar-17	N6	6-Feb-17	Surface	17X184860	<MDL	0.013	<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.03	4.8	4.6	33	27.6	11.5	27	23.2	7.76	0.01	0.03	0.017	
15-Mar-17	N7	6-Feb-17	Surface	17X184860	<MDL	0.010	<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.8	4.5	17	19.3	11.4	33	14.35	8.3	0.01	-0.03	0.021	
15-Mar-17	N10	6-Feb-17	Surface	17X184860	<MDL	0.011	<0.0000019		56	<0.05	<0.05	0.4	<0.05	0.45	<0.03	6	5.6	<5	11.8	11.4	2400	18.8	7.68	1.29	-0.02	1.583	
15-Mar-17	N10	6-Feb-17	Halocline	17X184860	<MDL	0.014	<0.0000019		50	<0.05	<0.05	0.5	<0.05	0.42	<0.03	4.9	4.7	<5	10.1	11.3	24186	14.37	7.37	13.85	0.35	15.7	
15-Mar-17	N11	6-Feb-17	Surface	17X184860	<MDL	0.013	<0.0000019		90	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	5.1	4.8	11	9.1	11.6	2965	20.49	7.72	1.52	-0.07	1.937	
15-Mar-17	N11	6-Feb-17	Halocline	17X184860	<MDL	<MDL	<0.0000019		1400	<0.05	<0.05	<0.4	3.11	12.4	<0.03	3.9	4.4	13	2.1	11.2	26361	23	7.35	16.13	0.24	17.65	
15-Mar-17	N12	6-Feb-17	Surface	17X184860	<MDL	0.015	<0.0000019		105	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.8	4.8	<5	4.6	11.4	3386	32.12*	8.3	1.64	-0.19	2.117	DO meter maybe freezing and leading to erroneous results
15-Mar-17	N12	6-Feb-17	Halocline	17X184860	<MDL	<MDL	<0.0000019		1250	<0.05	<0.05	0.4	0.44	12.4	<0.03	3.8	3.4	12	1.5	11.5	21142	32.17*	7.69	14.58	-0.12	15.66	Nitrite RDL = 1.5mg/L; DO meter maybe freezing and leading to erroneous results
15-Mar-17	N13	6-Feb-17	Surface	17X184860	<MDL	<MDL	<0.0000019		1740	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.3	4.1	<5	1	11.5	40880	33.79*	7.66	24.88	-1.13	26.64	DO meter maybe freezing and leading to erroneous results
15-Mar-17	N8	7-Feb-17	Surface	17X185400	0.010	0.013	0.0000035		8	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.6	4.4	<5	14.6	13.4	306	30.3*	8.19	0.13	0.1	0.186	DO meter maybe freezing and leading to erroneous results
15-Mar-17	N8	7-Feb-17	Halocline	17X185400	0.010	0.013	<0.0000019		8	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.8	4.6	6	14.2	13.5	5877	16.26	7.26	2.63	0.03	3.5	
15-Mar-17	N9	7-Feb-17	Surface	17X185400	<MDL	0.011	<0.0000019		75	<0.05	<0.05	<0.4	<0.05	<0.05	0.06	4.6	4.5	6	11.6	13	1833	22.1	7.61	0.91	-0.12	1.196	
15-Mar-17	N9	7-Feb-17	Halocline	17X185400	<MDL	0.010	<0.0000019		80	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.9	4.5	6	13.1	13	18680	18.6	7.2	11.9	-0.05	13.06	
15-Mar-17	N5	15-Feb-17	Surface	17X187648	0.010	0.038	<0.0000019		<2	<0.05	0.08	<0.4	<0.05	<0.05	0.36	4.2	3.8	221	61.5	12	16	22.7	8.78	0.01	0	0.01	
15-Mar-17	N8	15-Feb-17	Surface	17X187648	0.010	0.012	<0.0000019		13	<0.05	0.07	<0.4	<0.05	<0.05	<0.03	3.8	3.8	28	17.3	12.2	392	22.8	8.2	0.19	-0.01	0.257	
15-Mar-17	N8	15-Feb-17	Halocline	17X187648	<MDL	0.010	<0.0000019		749	<0.05	<0.05	<0.4	0.32	<1.00	<0.03	5.1	5	9	9.1	11.5	8636	15.4	7.17	5.85	0.76	6.506	Nitrite RDL = 1mg/L
15-Mar-17	N9	15-Feb-17	Surface	17X187648	0.011	0.011	<0.0000019		67	<0.05	<0.05	<0.4	<0.05	<0.05	0.07	5.1	4.9	7	5.7	11.4	3230	20.2	7.77	1.65	-0.02	2.097	
15-Mar-17	N9	15-Feb-17	Halocline	17X187648	<MDL	<MDL	<0.0000019		1350	<0.05	<0.05	<0.4	1.41	<1.50	<0.03	7.6	5.8	9	4.3	11.3	23041	15.22	7.43	13.54	0.88	15.06	Nitrite RDL = 1.5mg/L
15-Mar-17	N1	14-Feb-17	Surface	17X187415	0.010	0.015	<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.4	4	<5	1.7	13.8	24	22.2	6.41	0.01	0	0.016	
15-Mar-17	N4	14-Feb-17	Surface	17X187415	0.010	0.014	<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.67	3.8	4.2	<5	8.6	12.6	24	20.4	7.45	0.01	0.01	0.016	
15-Mar-17	N6	14-Feb-17	Surface	17X187415	<MDL	0.016	<0.0000019		<2	<0.05	<0.05	0.4	<0.05	<0.05	<0.03	4.3	4.1	7	27.1	13.3	27	18.7	7.4	0.01	0.01	0.017	
15-Mar-17	N7	14-Feb-17	Surface	17X187415	0.010	0.016	<0.0000019		<2	<0.05	<0.05	0.4	<0.05	<0.05	<0.03	4.3	4.1	9	22.7	13.2	28	17.9	7.3	0.01	0.01	0.018	
15-Mar-17	N10	14-Feb-17	Surface	17X187415	<MDL	0.013	<0.0000019		66	<0.05	<0.05	0.5	<0.05	<0.05	<0.03	5.3	5.1	<5	6.2	14.2	2170	22.3	7.03	1.1	-0.06	1.429	
15-Mar-17	N10	14-Feb-17	Halocline	17X187415	0.013	0.014	<0.0000019		78	<0.05	<0.05	1	<0.05	<0.05	<0.03	5.4	5.2	<5	6	14	2847	14.8	7.16	1.46	-0.07	1.865	
15-Mar-17	N11	14-Feb-17	Surface	17X187415	0.010	0.010	<0.0000019		78	<0.05	<0.05	0.5	<0.05	0.45	<0.03	4.6	4.7	<5	9.1	13.9	3853	21.27	8	1.91	-0.06	2.403	
15-Mar-17	N11	14-Feb-17	Halocline	17X187415	<MDL	0.013	<0.0000019		76	<0.05	<0.05	0.5	<0.05	<0.05	<0.03	4.6	4.5	<5	9.4	12.8	31857	15.2	7.71	19.28	0.58	20.85	
15-Mar-17	N12	14-Feb-17	Surface	17X187415	<MDL	<MDL	<0.0000019		115	<0.05	<0.05	0.5	<0.05	<0.05	<0.03	4.7	4.8	<5	3.7	12.6	3293	21.7	7.9	1.68	-0.06	2.132	
15-Mar-17	N12	14-Feb-17	Halocline	17X187415	<MDL	<MDL	<0.0000019		1200	<0.05	<0.05	0.5	0.43	10.6	<0.03	5.6	5.8	<5	1.1	12.8	32440	12.31	7.8	19.52	0.82	21.08	Nitrite RDL = 1mg/L
15-Mar-17	N13	14-Feb-17	Surface	17X187415	<MDL	<MDL	<0.0000019		2030	<0.05	<0.05	1.9	<0.05	<2.50	<0.03	4.5	3.4	23	1.5	13.8	49077	16.57	7.79	30.24	-1.15	31.91	Nitrite RDL = 2.5mg/L
15-Mar-17	N1	22-Feb-17	Surface	17X189629	0.05	0.044	<0.0000019		<2	<0.05	<0.05	<0.4	0.08	<0.05	<0.03	6.9	6.1	<5	1.2	11.3	28	17.7	6.9	0.01	0.01	0.018	
15-Mar-17	N4	22-Feb-17	Surface	17X189629	0.010	0.021	<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.2	4.1	5	7	11.5	19	20.2	6.9	0.01	0	0.013	
15-Mar-17	N4	22-Feb-17	Mid	17X189629	0.012	0.014	<0.0000019		5	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.4	4.4	<5	6.4	11.6	19	16.1	6.47	0.01	0	0.013	
15-Mar-17	N4	22-Feb-17	Bottom	17X189629	0.010	0.010	<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.4	4.1	5	6.7	11.5	19	16.73	6.45	0.01	0	0.013	
15-Mar-17	N5	22-Feb-17	Surface	17X189629	0.014	0.037	<0.0000019		<2	<0.05	<0.05	<0.4	0.06	<0.05	<0.03	3.9	4	227	66.9	11.8	20	22.4	7.08	0.01	0	0.013	
15-Mar-17	N6	22-Feb-17	Surface	17X189629	0.011	0.015	<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.1	3.9	9	11.8	11.5	19	20.2	6.8	0.01	0	0.013	
15-Mar-17	N7	22-Feb-17	Surface	17X189629	0.010	0.011	<0.0000019		<2	<0.05	<0.05	<0.4	0.06	<0.05	<0.03	4.2	4	<5	14.7	11.3	19	19.92	7.38	0.01	0	0.013	
15-Mar-17	N8	22-Feb-17	Surface	17X189629			0.0000034		8	<0.05	<0.05	<0.4	<0.05	0.07	<0.03	3.9	3.8	9	9.7	12.2	208						