

Methylmercury Monitoring Plan Analytics - Water 16-July-2019

Sample Site	Sample Date	Sample Depth	MeHg Work Order Number	AGAT Work Order #	Dissolved MeHg (mg/L) 0.01*	Total MeHg (mg/L) 0.01*	Low level Thg (Flett; ng/L)	Low Level Thg (ng/L)	Low Level Dtg (mg/L) 0.0000025	Sulphate (mg/L) 0.2	Sulphide (mg/L) 0.05	Laboratory Analysis												In Situ					Total Dissolved Solids (mg/L)	Notes					
												Ammonia as N (mg/L) 0.03	Total Kjeldahl Nitrogen as N (mg/L) 0.4	Nitrate as N (mg/L) 0.05	Nitrite as N (mg/L) 0.05	Total Phosphorous as P (mg/L) 0.03	Total Phosphorus (Low Level; mg/L) 0.002	Total Organic Carbon (mg/L) 0.5	Dissolved Organic Carbon (mg/L) 0.5	Total Suspended Solids (mg/L) 5	Turbidity (NTU) 0.1	Dissolved Oxygen (mg/L) 0.1	Conductivity uhm/cm	pH	Total Dissolved Solids (mg/L)	Salinity (ppt)	Temperature (°C)	Conductivity (uS/cm)			Dissolved Oxygen (mg/L)	pH			
																																	Total Dissolved Solids (mg/L)	Salinity (ppt)	Temperature (°C)
1	14-Oct-16	Surface	16X148846		0.031	0.032	0.05	0.01	0.0000025	<2	<0.05	<0.05	<0.4	<0.03	<0.03	5.1	5.0	<5	1.2	0.1	1	NA	NA	NA	NA	NA	NA	NA	NA	12.7		*Method Detection Limit (MDL)			
2	14-Oct-16	Surface	16X148846		0.016	0.018				<2	<0.05	<0.05	<0.4	<0.03	<0.03	6.6	6.1	<5	3.5	0.1															
3	14-Oct-16	Surface	16X148846		0.016	0.018				<2	<0.05	<0.05	<0.4	<0.03	<0.03	5.3	5.1	7	4.0	0.1															
4	14-Oct-16	Surface	16X148846		0.010	0.018				<2	<0.05	<0.05	<0.4	<0.03	<0.03	5.2	5.2	<5	1.7	0.1															
4	14-Oct-16	Mid	16X148846		0.025	0.018				<2	<0.05	<0.05	<0.4	<0.03	<0.03	5.2	5.0	<5	1.8	0.1															
4	14-Oct-16	Bottom	16X148846		0.011	0.024				<2	<0.05	<0.05	<0.4	<0.03	<0.03	5.4	5.3	<5	2.2	0.1															
5	14-Oct-16	Surface	16X148846		0.021	0.021				<2	<0.05	<0.05	<0.4	<0.03	<0.03	5.5	5.2	17	3.7	0.1															
6	14-Oct-16	Surface	16X148846		0.023	0.037				<2	<0.05	<0.05	<0.4	<0.03	<0.03	2.92	5.4	5.1	571	12.5															
7	14-Oct-16	Surface	16X148846		0.037	0.022				<2	<0.05	<0.05	<0.4	<0.03	<0.03	5.3	5.1	8	3.9	0.1															
8	14-Oct-16	Surface	16X148846		0.022	0.058				123	<0.05	<0.05	<0.4	<0.03	<0.03	6.7	7.3	13	3.8	0.1															
9	14-Oct-16	Surface	16X148846		0.058	0.058				777	<0.05	<0.05	<0.4	<0.03	<0.03	5.7	5.0	50	12.6	0.1															
10	14-Oct-16	Surface	16X148846		<MDL	<MDL				1250	<0.05	<0.05	<0.4	<0.03	<0.03	3.3	3.1	8	1.2	0.1															
10	14-Oct-16	Nephroid	16X148846		<MDL	<MDL				1550	<0.05	<0.05	<0.4	<0.03	<0.03	2.8	2.6	9	0.9	0.1															
10	14-Oct-16	Below Nephroid	16X148846		<MDL	<MDL				1770	<0.05	<0.05	<0.4	<0.03	<0.03	2.3	2.4	7	0.9	0.1															
11	14-Oct-16	Surface	16X148846		<MDL	<MDL				1970	<0.05	<0.05	<0.4	<0.03	<0.03	2.4	2.0	15	1.2	0.1															
1	16-Oct-16	Surface	16X149139		<MDL	0.013				<2	<0.05	<0.05	<0.4	<0.03	<0.03	4.8	5.3	<5	1.1	0.02															
2	16-Oct-16	Surface	16X149139		0.018	0.018				<2	<0.05	<0.05	<0.4	<0.03	<0.03	6.5	6.0	<5	1.8	0.02															
3	16-Oct-16	Surface	16X149139		<MDL	0.017				<2	<0.05	<0.05	<0.4	<0.03	<0.03	5.1	5.0	<5	2.5	0.02															
4	16-Oct-16	Surface	16X149139		<MDL	0.011				<2	<0.05	<0.05	<0.4	<0.03	<0.03	5.0	4.9	<5	1.1	0.02															
4	16-Oct-16	Mid	16X149139		<MDL	0.011				<2	<0.05	<0.05	<0.4	<0.03	<0.03	5.0	4.9	<5	0.9	0.02															
4	16-Oct-16	Bottom	16X149139		<MDL	<MDL				<2	<0.05	<0.05	<0.4	<0.03	<0.03	0.26	5.1	4.9	<5	0.02															
5	16-Oct-16	Surface	16X149139		0.010	<MDL				<2	<0.05	<0.05	<0.4	<0.03	<0.03	0.05	5.1	4.9	31	0.02															
6	16-Oct-16	Surface	16X149139		<MDL	<MDL				<2	<0.05	<0.05	<0.4	<0.03	<0.03	0.28	5.1	4.9	<5	0.02															
7	16-Oct-16	Surface	16X149139		<MDL	<MDL				<2	<0.05	<0.05	<0.4	<0.03	<0.03	5.3	5.1	7	4.1	0.02															
8	16-Oct-16	Surface	16X149139		0.024	0.041				54	<0.05	<0.05	<0.4	<0.03	<0.03	7.7	6.9	<5	3.4	0.02															
9	16-Oct-16	Surface	16X149139		<MDL	0.070				755	<0.05	<0.05	<0.4	<0.03	<0.03	4.6	4.8	48	19.3	0.02															
10	16-Oct-16	Surface	16X149139		<MDL	0.010				1678	<0.05	<0.05	<0.4	<0.03	<0.03	7.8	7.4	<5	2.5	0.01															
10	16-Oct-16	Nephroid	16X149139		<MDL	<MDL				1840	<0.05	<0.05	<0.4	<0.03	<0.03	2.0	2.5	<5	1.4	0.02															
10	16-Oct-16	Below Nephroid	16X149139		<MDL	<MDL				1770	<0.05	<0.05	<0.4	<0.03	<0.03	2.3	2.1	13	1.5	0.02															
11	16-Oct-16	Surface	16X149139		<MDL	<MDL				2070	<0.05	<0.05	<0.4	<0.03	<0.03	2.3	2.2	25	5.6	0.02															
1	5-Nov-16	Surface	16X157359		0.013	0.012			0.000243	<2	<0.05	<0.05	<0.4	<0.03	<0.03	7.0	7.2	<5	0.9	0.01		2.37							22.13	5.66	0.013				
4	5-Nov-16	Surface	16X157359		<MDL	0.014			0.0000219	<2	<0.05	<0.05	<0.4	<0.03	<0.03	5.4	5.5	8	1.8	0.01		4.30							20.4	6.12	0.013				
4	5-Nov-16	Mid																																	
4	5-Nov-16	Bottom	16X157359		<MDL	0.010				<2	<0.05	<0.05	<0.4	<0.03	<0.03	5.2	5.5	7	1.8	0.01		4.22							19.6	5.81	0.013				
5	5-Nov-16	Surface	16X157359		0.025	0.015			0.0000192	<2	<0.05	<0.05	<0.4	<0.03	<0.03	5.4	5.5	<5	5.4	0.01		3.97							20.1	6.12	0.013				
7	5-Nov-16	Surface	16X157359		0.011	0.018			0.0000165	<2	<0.05	<0.05	<0.4	<0.03	<0.03	5.6	5.4	7	4.2	0.01		3.51							20.55	7.01	0.015				
8	5-Nov-16	Surface	16X157359		0.025	0.020			0.0000281	4	<0.05	<0.05	<0.4	<0.03	<0.03	8.4	8.1	<5	3.0	0.03		-0.06						60	2.3	6.32	0.032				
10	5-Nov-16	Surface	16X157359		<MDL	<MDL			0.0000188	1210	<0.05	<0.05	<0.4	<0.03	<0.03	3.5	3.5	6	1.7	0.03		2.44						26166	18.95	6.89	17.02				
10	5-Nov-16	Nephroid	16X157359		<MDL	<MDL																2.62						26276	17.78	6.91	17.07				
10	5-Nov-16	Below Nephroid	16X157359		<MDL	<MDL				1170	<0.05	<0.05	<0.4	<0.03	<0.03	3.4	3.6	10	1.4	0.01		2.37						15.73	2.67	26374	21.82	6.84	17.12		
11	5-Nov-16	Surface	16X157359		<MDL	<MDL			0.0000169	210	<0.05	<0.05	<0.4	<0.03	<0.03	2.0	2.0	<5	0.7	0.01		4.22						28.5	3.46	4630	19.5	6.67	29.92		
1	7-Nov-16	Surface	16X157937		0.036	0.041			0.0000091	<2	<0.05	<0.05	<0.4	<0.03	<0.03	3.6	3.6	10	1.4	0.01		-0.04						19	5.78						

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Sample Site	Sample Date	Sample Depth	MeHg Work Order Number	AGAT Work Order #	Dissolved MeHg (mg/L)	Total MeHg (mg/L)	Low level THg (Flett; ng/L)	Low Level THg (ng/L)	Low Level Dfg (mg/L)	Laboratory Analysis										In Situ										Total Dissolved Solids (mg/L)	Notes
										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 Phosphorous (Low Level; mg/L)	Total Organic Carbon (mg/L)	Dissolved Organic Carbon (mg/L)	Total Solids (mg/L)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Conductivity uhm/cm	pH	Total Dissolved Solids (mg/L)	Salinity (ppt)	Temperature (°C)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)		
N9	20-Jan-17	Surface	17X180270	<MDL	<MDL	<0.000019	<0.000025	118	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.6	4.8	6	11.2	13.8	0.01	0.1	1.62	-0.01	3166	18.18	7.9	2.063	*Method Detection Limit (MDL)			
N9	20-Jan-17	Halocline	17X180270	<MDL	<MDL	<0.000019	<0.000025	1820	<0.05	<0.05	1.6	<0.05	7.76	<0.03	5.0	5.1	<5	0.9	12.7	0.01	0.00	12.66	0.68	21782	13.85	7.35	14.13				
N1	6-Feb-17	Surface	17X184860	0.035	0.033	<0.000019	<0.000025	<2	<0.05	<0.05	0.4	0.07	<0.05	<0.03	6.4	6.1	<5	1.9	11.3	0.01	0.00	1.29	-0.02	2400	18.8	7.68	1.583				
N10	6-Feb-17	Surface	17X184860	<MDL	0.011	<0.000019	<0.000025	56	<0.05	<0.05	0.4	<0.05	0.45	<0.03	6.0	5.6	<5	11.8	11.4	0.01	0.00	4.09	-0.05	2400	18.8	7.68	1.583				
N10	6-Feb-17	Halocline	17X184860	<MDL	0.014	<0.000019	<0.000025	30	<0.05	<0.05	0.5	<0.05	0.5	<0.03	4.8	4.7	<5	10.1	11.3	0.01	0.00	11.85	0.42	2400	18.8	7.68	1.583				
N11	6-Feb-17	Surface	17X184860	<MDL	0.013	<0.000019	<0.000025	90	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	5.1	5.2	11	9.1	11.6	0.01	0.00	1.52	-0.07	2965	20.49	7.17	1.937				
N11	6-Feb-17	Halocline	17X184860	<MDL	<MDL	<0.000019	<0.000025	1400	<0.05	<0.05	<0.4	3.11	12.4	<0.03	3.9	4.4	13	2.1	12.6	0.01	0.00	16.13	0.24	26361	23	7.35	17.65				
N12	6-Feb-17	Surface	17X184860	<MDL	0.015	<0.000019	<0.000025	105	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.8	4.8	<5	4.6	11.4	0.01	0.00	1.64	-0.19	3386	32.12*	8.3	2.117	DO meter maybe freezing and leading to erroneous results Nitrite RDL = 1.5mg/L; DO meter maybe freezing and leading to erroneous results			
N12	6-Feb-17	Halocline	17X184860	<MDL	<MDL	<0.000019	<0.000025	1250	<0.05	<0.05	<0.4	0.44	12.4	<0.03	3.8	3.4	12	1.5	11.5	0.01	0.00	14.58	-0.12	21142	32.17*	7.69	15.66				
N13	6-Feb-17	Surface	17X184860	<MDL	<MDL	<0.000019	<0.000025	1740	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.3	4.1	<5	1.0	11.5	0.01	0.00	24.88	-1.13	40880	33.79*	7.66	26.64				
N4	6-Feb-17	Surface	17X184860	0.010	0.025	<0.000019	<0.000025	<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.1	4.7	4.5	389	17.8	11.3	0.01	0.03	25	22.1	2.5	22.1	7.75	0.017	DO meter maybe freezing and leading to erroneous results			
N5	6-Feb-17	Surface	17X184860	<MDL	0.019	<0.000019	<0.000025	<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.05	4.6	4.4	50	17.5	11.4	0.01	0.00	26	23.42	2.6	23.42	7.84	0.017				
N6	6-Feb-17	Surface	17X184860	<MDL	0.013	<0.000019	<0.000025	<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.03	4.8	4.5	17	19.3	11.4	0.01	0.03	27	23.2	2.7	23.2	7.76	0.017				
N7	6-Feb-17	Surface	17X184860	<MDL	0.010	<0.000019	<0.000025	<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.8	4.5	17	19.3	11.4	0.01	-0.03	33	14.35	8.3	0.021	0.021					
N8	7-Feb-17	Surface	17X185400	0.010	0.013	0.000035	0.0000019	8	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.6	4.4	<5	14.6	13.4	0.01	0.10	306	30.3*	8.19	0.186	DO meter maybe freezing and leading to erroneous results					
N8	7-Feb-17	Halocline	17X185400	0.010	0.013	<0.000019	<0.000025	8	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.8	4.6	6	14.2	13.5	0.01	0.03	263	0.03	5877	16.26		7.26	3.5			
N9	7-Feb-17	Surface	17X185400	<MDL	0.011	<0.000019	<0.000025	75	<0.05	<0.05	<0.4	<0.05	<0.05	0.06	4.6	4.5	6	11.6	13.0	0.01	-0.12	1833	22.1	7.61	1.196	DO meter maybe freezing and leading to erroneous results					
N9	7-Feb-17	Halocline	17X185400	<MDL	0.010	<0.000019	<0.000025	80	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.9	4.5	6	13.1	13.0	0.01	-0.05	18630	18.6	7.2	13.06						
N1	14-Feb-17	Surface	17X187415	0.010	0.015	<0.000019	<0.000025	<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.4	4.0	<5	1.7	13.8	0.01	0.00	24	22.2	6.41	0.016	DO meter maybe freezing and leading to erroneous results					
N10	14-Feb-17	Surface	17X187415	<MDL	0.011	<0.000019	<0.000025	66	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.4	4.0	<5	1.3	14.2	0.01	0.00	10	22.2	6.41	0.016						
N10	14-Feb-17	Halocline	17X187415	0.013	0.014	<0.000019	<0.000025	78	<0.05	<0.05	<0.5	1	<0.05	<0.03	5.3	5.2	<5	6.0	14.0	0.01	0.00	1.46	-0.07	2847	14.8	7.16	18.65	Nitrite RDL = 1mg/L			
N11	14-Feb-17	Surface	17X187415	0.010	0.010	<0.000019	<0.000025	78	<0.05	<0.05	0.5	<0.05	0.45	<0.03	4.6	4.7	<5	9.1	13.9	0.01	-0.06	3853	21.27	8	2.403						
N11	14-Feb-17	Halocline	17X187415	<MDL	0.013	<0.000019	<0.000025	76	<0.05	<0.05	<0.5	<0.05	0.45	<0.03	4.6	4.5	<5	9.4	12.8	0.01	0.58	31857	15.2	7.71	20.85	Nitrite RDL = 2.5mg/L					
N12	14-Feb-17	Surface	17X187415	<MDL	<MDL	<0.000019	<0.000025	115	<0.05	<0.05	0.5	<0.05	<0.05	<0.03	4.7	4.8	<5	3.7	12.6	0.01	-0.06	3293	21.7	7.9	2.132						
N12	14-Feb-17	Halocline	17X187415	<MDL	<MDL	<0.000019	<0.000025	1200	<0.05	<0.05	0.5	0.43	10.6	<0.03	5.6	5.8	<5	1.1	12.8	0.01	0.82	32440	12.31	7.8	21.08	Nitrite RDL = 1mg/L					
N13	14-Feb-17	Surface	17X187415	<MDL	<MDL	<0.000019	<0.000025	2030	<0.05	<0.05	1.9	<0.05	<2.50	<0.03	4.5	3.4	23	1.5	13.8	0.01	1.15	49077	16.57	7.79	31.91						
N10	14-Feb-17	Surface	17X187415	<MDL	0.012	<0.000019	<0.000025	<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.8	4.7	9	0.6	12.6	0.01	0.00	10	22.2	6.41	0.016	Nitrite RDL = 1.5mg/L					
N6	14-Feb-17	Surface	17X187415	<MDL	0.016	<0.000019	<0.000025	<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.3	4.1	7	27.1	13.3	0.01	0.01	28	17.9	7.3	0.018						
N7	14-Feb-17	Surface	17X187415	0.010	0.016	<0.000019	<0.000025	<2	<0.05	<0.05	0.4	<0.05	<0.05	<0.03	4.3	4.1	9	22.7	13.2	0.01	0.01	28	17.9	7.3	0.018	Nitrite RDL = 1mg/L					
N5	15-Feb-17	Surface	17X187648	0.010	0.038	<0.000019	<0.000025	<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.36	4.2	3.8	221	61.5	12.0	0.01	0.00	16	22.7	8.78	0.01		0.01				
N8	15-Feb-17	Surface	17X187648	0.010	0.012	<0.000019	<0.000025	13	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	3.8	3.8	28	17.3	12.2	0.01	-0.01	392	22.8	8.2	0.257	Nitrite RDL = 1mg/L					
N8	15-Feb-17	Halocline	17X187648	<MDL	0.010	<0.000019	<0.000025	749	<0.05	<0.05	<0.4	0.32	<1.00	<0.03	5.1	5.0	9	9.1	11.5	0.01	0.00	1.91	-0.01	392	22.8		8.2	0.257			
N9	15-Feb-17	Surface	17X187648	0.011	0.011	<0.000019	<0.000025	67	<0.05	<0.05	<0.4	<0.05	<0.05	0.07	5.1	4.9	7	5.7	11.4	0.01	0.00	1.65	-0.02	3230	20.2	7.77	2.097	Nitrite RDL = 1.5mg/L			
N10	15-Feb-17	Halocline	17X187648	<MDL	<MDL	<0.000019	<0.000025	1350	<0.05	<0.05	<0.4	0.06	<0.05	<0.03	4.1	4.1	9	4.3	11.3	0.01	0.43	23041	15.42	7.38	0.018						
N1	22-Feb-17	Surface	17X189629	0.050	0.044	<0.000019	<0.000025	<2	<0.05	<0.05	<0.4	0.08	<0.05	<0.03	6.9	6.1	<5	1.2	11.3	0.01	0.01	28	17.7	6.9	0.018	Nitrite RDL = 1.5mg/L					
N10	22-Feb-17	Surface	17X189629	<MDL	0.012	<0.000019	<0.000025	50	<0.05	<0.05	<0.4	<0.05	0.37	<0.03	5.2	4.9	<5	6.0	11.6	0.01	-0.01	2100	15.7	7.04	1.338						
N10	22-Feb-17	Halocline	17X189629	0.010	0.015	<0.000019	<0.000025	54	<0.05	<0.05	<0.4	<0.05	0.46	<0.03	5.5	5.4	<5	6.0	12.2	0.01	0.56	19400	12.35	6.75	13.15	Nitrite RDL = 1.5mg/L					
N11	22-Feb-17	Surface	17X189629	<MDL	<MDL	<0.000019	<0.000025	95	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.9	4.7	6	6.8	12.3	0.01	-0.06	2304	18.72	8.05	1.498						
N11	22-Feb-17	Halocline	17X189629	<MDL	<MDL	<0.000019	<0.000025	912	<0.05	<0.05	<0.4	1.44	9.81	<0.03	9.2	9.4	<5	3.1	11.9	0.01	0.00	1.16	-0.06	15798	16.06	7.5	10.29	Nitrite RDL = 1.5mg/L			
N12	22-Feb-17	Surface	17X189629	0.010	<MDL	<0.000019	<0.000025	150	<0.05	<0.05	<0.4	0.15	0.7	<0.03	5.0	4.9	5	4.6	12.5	0.01	0.00	1.57	-0.10	3032	22.3	7.44	1.997				
N12	22-Feb-17	Halocline	17X189629	0.010	0.011	<0.000019	<0.000025	151	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.2	4.0	5	4.5	12.2	0.01	0.00	1.16	-0.06	2304	18.72	8.05	1.498	Nitrite RDL = 1.5mg/L			
N13	22-Feb-17	Surface	17X189629	<MDL	0.010	<0.000019	<0.000025	1590	<0.05	<0.05	<0.4	1.64	18.6	<0.03	6.1	5.8	8	0.7	12.6	0.01	0.00	21.20	-1.06	35482	18.02	8.12	23.03				
N4	22-Feb-17	Surface	17X189629	0.010	0.021	<0.000019	<0.000025	<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.2	4.1	5	7.0	11.5	0.01	0.00	19	20.2	6.9	0.013	Nitrite RDL = 1.5mg/L					
N4	22-Feb-17	Mid	17X189629	0.012	0.014	<0.000019	<0.000025	5																							











Methylmercury Monitoring Plan Analytics - Water 16-July-2019

Table with 30 columns: Sample Site, Sample Date, Sample Depth, MeHg Work Order Number, AGAT Work Order #, Dissolved MeHg (mg/L), Total MeHg (mg/L), Low level THg (Flett, ng/L), Low Level THg (ng/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 Phosphorus (Low Level, mg/L), Total Organic Carbon (mg/L), Dissolved Organic Carbon (mg/L), Total Suspended Solids (mg/L), Turbidity (NTU), Dissolved Oxygen (mg/L), Conductivity uhm/cm, pH, Total Dissolved Solids (mg/L), Salinity (ppt), Temperature (°C), Conductivity (uS/cm), Dissolved Oxygen (mg/L), pH, Total Dissolved Solids (mg/L), Notes. The table contains multiple rows of data points for various sample sites and dates from 2018 to 2019.

Methylmercury Monitoring Plan Analytics - Water 16-July-2019

Sample Site	Sample Date	Sample Depth	MeHg Work Order Number	AGAT Work Order #	Laboratory Analysis														In Situ					Notes								
					Dissolved MeHg (mg/L)	Total MeHg (mg/L)	Low level THg (Flett; ng/L)	Low Level THg (ng/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 Phosphorus as P (mg/L)	Total Phosphorus (Low Level; mg/L)	Total Organic Carbon (mg/L)	Dissolved Organic Carbon (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Conductivity uhm/cm		pH	Total Dissolved Solids (mg/L)	Salinity (ppt)	Temperature (°C)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH	Total Dissolved Solids (mg/L)
					RD L	RD L	0.05	0.01	0.000025	0.2	0.05	0.03	0.4	0.05	0.05	0.03	0.002	0.02	0.5	0.002	0.5	0.01	0.1		1			NA	NA	NA	NA	NA
N10	29-Jun-18	Halocline	18X356355	18X356324	0.010	0.010	1.09	125	<0.05	<0.03	<0.4	<0.05	<0.05	0.018	6.5	6.1	3	4.3			1		9.95	9.70					12.63			
N11	29-Jun-18	Surface	18X356355	18X356324	0.014	0.021	1.85	123	<0.05	<0.03	2.6	<0.05	<0.05	0.020	6.1	5.8	5	6.1			1		1.30	9.80					11.99			
N11	29-Jun-18	Halocline	18X356355	18X356324	0.013	0.018	1.84	92.3	<0.05	<0.03	1.7	<0.05	<0.05	0.020	6.0	5.7	6	8.4			1		1.30	9.60					11.82			
N12	29-Jun-18	Surface	18X356355	18X356324	0.017	0.016	1.60	114	<0.05	<0.03	0.8	<0.05	<0.05	0.013	5.4	5.2	1	3.9			1		1.64	9.70					12.4			
N12	29-Jun-18	Halocline	18X356355	18X356324	0.015	0.013	1.56	111	<0.05	<0.03	<0.4	<0.05	<0.05	0.011	5.8	5.2	2	3.9			1		1.67	9.20					12.31			
N13	29-Jun-18	Surface	18X356355	18X356324	0.010	0.010	1.03	97.7	<0.05	0.03	0.8	<0.10	<0.10	0.016	2.9	2.9	2	2.2			1		14.73	5.50					12.91			
N9	2-Jul-18	Surface	18X357390	18X357380	0.015	0.021	1.99	12.9	<0.05	<0.03	0.8	<0.05	0.15	0.018	4.6	4.1	6	11.1				374	6.83			176						
N10	2-Jul-18	Surface	18X357390	18X357380	0.015	0.020	1.89	91.6	<0.05	<0.03	0.6	<0.05	0.98	0.012	6.4	5.9	1	3.6				2530	7.12			1300						
N11	2-Jul-18	Surface	18X357390	18X357380	0.013	0.015	1.68	90.6	<0.05	<0.03	<0.4	<0.05	0.97	0.014	5.8	5.3	2	5.4				2520	7.17			1320						
N12	2-Jul-18	Surface	18X357390	18X357380	0.011	0.016	1.69	127	<0.05	<0.03	0.4	<0.05	1.13	0.011	6.1	5.6	2	4.4				3100	7.22			1610						
N13	2-Jul-18	Surface	18X357390	18X357380	0.010	0.011	0.98	91.1	<0.05	0.03	1.1	<0.10	1.4	0.016	6.2	5.6	3	2.0				22000	7.78			12500						
N1	3-Jul-18	Surface	18X357601	18X357600	0.020	0.021	1.98	0.7	<0.05	<0.03	<0.4	<0.05	<0.05	0.007	5.9	5.4	42	1.0				17	6.84			7						
N4	3-Jul-18	Surface	18X357601	18X357600	0.031	0.036	2.08	0.6	<0.05	<0.03	<0.4	<0.05	<0.05	0.009	6.3	5.6	2	2.9				16	6.82			8						
N4	3-Jul-18	Mid	18X357601	18X357600	0.030	0.040	2.14	0.6	<0.05	<0.03	<0.4	<0.05	<0.05	0.009	6.0	5.5	6	2.7				16	6.85			7						
N4	3-Jul-18	Bottom	18X357601	18X357600	0.030	0.036	2.12	0.6	<0.05	<0.03	<0.4	<0.05	<0.05	0.010	6.0	5.6	2	3.8				15	6.81			4						
N5	3-Jul-18	Surface	18X357601	18X357600	0.026	0.031	2.04	0.6	<0.05	<0.03	<0.4	<0.05	<0.05	0.009	5.9	5.6	5	4.3				16	6.87			7						
N6	3-Jul-18	Surface	18X357601	18X357600	0.030	0.036	2.45	0.7	<0.05	<0.03	<0.4	<0.05	<0.05	0.045	6.0	5.4	44	19.6				16	6.83			12						
N7	3-Jul-18	Surface	18X357601	18X357600	0.025	0.031	2.33	0.6	<0.05	<0.03	<0.4	<0.05	<0.05	0.021	6.0	5.5	5	6.5				17	7.12			8						
N1	11-Jul-18	Surface	18X361009	18X357600	0.023	0.033	1.58	0.7	<0.05	<0.03	<0.4	<0.05	<0.05	0.007	5.9	5.4	42	1.0				17	6.84			7						
N4	11-Jul-18	Surface	18X361009	18X357600	0.029	0.042	1.91	0.6	<0.05	<0.03	<0.4	<0.05	<0.05	0.009	6.3	5.6	2	2.9				16	6.86			8						
N4	11-Jul-18	Mid	18X361009	18X357600	0.030	0.040	1.73	0.6	<0.05	<0.03	<0.4	<0.05	<0.05	0.009	6.0	5.5	6	2.7				16	6.85			7						
N4	11-Jul-18	Bottom	18X361009	18X357600	0.028	0.035	1.76	0.6	<0.05	<0.03	<0.4	<0.05	<0.05	0.010	6.0	5.6	2	3.8				15	6.81			4						
N5	11-Jul-18	Surface	18X361009	18X357600	0.025	0.031	1.89	0.6	<0.05	<0.03	<0.4	<0.05	<0.05	0.009	5.9	5.6	5	4.3				16	6.87			7						
N6	11-Jul-18	Surface	18X361009	18X357600	0.023	0.037	1.86	0.7	<0.05	<0.03	<0.4	<0.05	<0.05	0.045	6.0	5.4	44	19.6				16	6.83			12						
N7	11-Jul-18	Surface	18X361009	18X357600	0.025	0.036	2.07	0.6	<0.05	<0.03	<0.4	<0.05	<0.05	0.021	6.0	5.5	5	6.5				17	7.12			8						
N1	19-Jul-18	Surface	18X364255	18X364249	0.023	0.021	1.38	0.8	<0.05	<0.03	<0.4	<0.05	<0.05	0.006	6.2	6.3	-1	1.0				22	7.28			10	0.01	14.50		10.43		
N4	19-Jul-18	Surface	18X364255	18X364249	0.012	0.019	1.20	0.7	<0.05	<0.03	<0.4	<0.05	<0.05	0.007	6.3	5.6	2	2.9				18	6.96			9	0.01	15.60		10.15		
N4	19-Jul-18	Mid	18X364255	18X364249	0.035	0.044	1.60	0.6	<0.05	<0.03	<0.4	<0.05	<0.05	0.006	6.3	5.7	2	1.5				18	6.90			9	0.01	15.60		10.15		
N4	19-Jul-18	Bottom	18X364255	18X364249	0.037	0.042	1.53	0.9	<0.05	<0.03	<0.4	<0.05	<0.05	0.013	6.4	5.9	4	11.2				18	6.88			8	0.01	15.50		9.91		
N5	19-Jul-18	Surface	18X364255	18X364249	0.028	0.034	1.59	0.8	<0.05	<0.03	<0.4	<0.05	<0.05	0.007	6.3	5.8	2	2.7				20	6.90			9	0.01	15.20		11.88		
N6	19-Jul-18	Surface	18X364255	18X364249	0.029	0.032	1.52	0.8	<0.05	<0.03	<0.4	<0.05	<0.05	0.009	6.5	5.7	4	3.9				18	6.86			9	0.01	14.80		11.66		
N7	19-Jul-18	Surface	18X364255	18X364249	0.025	0.033	1.62	0.6	<0.05	<0.03	<0.4	<0.05	<0.05	0.012	6.6	5.9	5	4.1				20	6.87			8	0.01	15.20		11.17		
N8	19-Jul-18	Surface	18X364255	18X364249	0.021	0.031	1.56	9	<0.05	<0.03	<0.4	<0.05	0.14	0.009	6.5	6.1	2	2.9				316	6.94			131	0.14	16.00		10.78		
N8	19-Jul-18	Halocline	18X364255	18X364249	<MDL	<MDL	1.16	752	<0.05	<0.03	<0.4	<0.05	<0.05	0.007	6.2	5.9	2	2.9				6.92	7.34			10	0.01	15.90		11.07		
N10	20-Jul-18	Surface	18X364787	18X364769	<MDL	<MDL	0.99	537	<0.05	<0.03	<0.4	<0.05	<0.05	0.009	3.1	2.9	1	1.9				12100	7.53			7060	6.63	15.60		10.41		
N10	20-Jul-18	Halocline	18X364787	18X364769	<MDL	<MDL	0.99	694	<0.05	<0.03	<0.4	<0.05	<0.05	0.009	2.3	1.9	2	2.0				17900	7.61			9960	10.38	7.90		11.04		
N11	20-Jul-18	Surface	18X364787	18X364769	<MDL	<MDL	1.28	192	<0.05	<0.03	0.4	<0.05	1.88	0.009	6.9	6.5	2	2.2				5260	7.31			2730	2.75	18.10		9.73		
N12	20-Jul-18	Surface	18X364787	18X364769	<MDL	<MDL	1.33	164	<0.05	<0.03	0.8	<0.05	1.33	0.016	7.1	6.1	3	3.1				4750	7.32			2420	2.46	19.10		11.03		
N13	20-Jul-18	Surface	18X364787	18X364769	<MDL	<MDL	0.90	932	<0.05	<0.03	<0.4	12	<0.05	0.023	3.0	2.6	4	1.5				24200	7.83			13600	14.52	14.40		12.16		
N1	24-Jul-18	Surface	18X365972	18X365971	0.020	0.027	1.58	0.7	<0.05	0.03	<0.4	<0.05	<0.05	0.005	6.2	5.9	-1	1.2				20	7.08			9	0.01	15.50		10.21		
N4	24-Jul-18	Surface	18X365972	18X365971	0.021	0.028	1.68	0.6	<0.05	0.03	<0.4	<0.05	<0.05	0.005	6.3	5.6	1	2.6				19	6.86			9	0.01	17.30		9.84		
N4	24-Jul-18	Mid	18X365972	18X365971	0.025	0.046	1.72	0.6	<0.05	0.04	<0.4	<0.05	<0.05	0.005	6.3	5.7	2	1.7				19	6.96			10	0.01	17.50		9.87		
N4	24-Jul-18	Bottom	18X365972	18X365971	0.026	0.041	1.51	0.6	<0.05	0.05	<0.4	<0.05	<0.05	0.004	6.0	5.5	1	2.4				19	6.96			9	0.01	17.20		9.88		
N5	24-Jul-18	Surface	18X365972	18X365971	0.025	0.035	1.50	0.6	<0.05	0.04	<0.4	<0.05	<0.05	0.008	6.3	5.6	3	4.0				19	6.96			10	0.01	16.90		11.53		
N6	24-Jul-18	Surface	18X365972	18X365971	0.022	0.037	1.58	0.6	<0.05	0.03	<0.4	<0.05	<0.05	0.010	6.2	5.5	4	5.3				19	6.96			10	0.01	16.70		11.33		
N7	24-Jul-18	Surface	18X365972	18X365971	0.026	0.040	2.22	0.6	<0.05	0.03	<0.4	<0.05	<0.05	0.021	7.2	5.4	14	21.3				23	6.97			12	0.01	17.30	</			



Methylmercury Monitoring Plan Analytics - Water 16-July-2019

Table with columns for Sample Site, Sample Date, Sample Depth, MeHg Work Order Number, A/GAT Work Order #, Dissolved MeHg, Total MeHg, Low level THg, Low Level THg, Low Level DHg, Sulphate, Sulphide, Ammonia as N, Total Kjeldahl Nitrogen as N, Nitrate as N, Nitrite as N, Total Phosphorous as P, Total Phosphorus, Total Organic Carbon, Dissolved Organic Carbon, Total Suspended Solids, Turbidity, Dissolved Oxygen, Conductivity, pH, Total Dissolved Solids, Salinity, Temperature, Conductivity, Dissolved Oxygen, pH, Total Dissolved Solids, and Notes.

Methylmercury Monitoring Plan Analytics - Water 16-July-2019

Table with columns: Sample Site, Sample Date, Sample Depth, MeHg Work Order Number, AGAT Work Order #, Dissolved MeHg (mg/L), Total MeHg (mg/L), Low level THg (Flett; ng/L), Low level THg (ng/L), Low Level DGHg (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 Phosphorous (Low Level; mg/L), Total Organic Carbon (mg/L), Dissolved Organic Carbon (mg/L), Total Suspended Solids (mg/L), Turbidity (NTU), Dissolved Oxygen (mg/L), Conductivity uhm/cm, pH, Total Dissolved Solids (mg/L), Salinity (ppt), Temperature (°C), Conductivity (uS/cm), Dissolved Oxygen (mg/L), pH, Total Dissolved Solids (mg/L), Notes. The table contains approximately 500 rows of data for various sample sites and dates from February to May 2019.

