

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 (Flett; 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 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)		
1	14-Oct-16	Surface	RDL	0.01*	0.01*	0.05	0.0000019	0.0000025	2	0.05	0.03	0.4	0.05	0.05	0.03	0.002	0.5	0.5	5	0.1	0.1	1	1	NA	NA	NA	NA	NA	NA	NA	*Method Detection Limit (MDL)		
2	14-Oct-16	Surface	16X148846		0.031				<2	<0.05	<0.05	<0.4			<0.03		5.1	5.0	<5	1.2													
3	14-Oct-16	Surface	16X148846		0.016				<2	<0.05	<0.05	<0.4			<0.03		6.6	6.1	<5	3.5													
4	14-Oct-16	Surface	16X148846	0.010	0.018				<2	<0.05	<0.05	<0.4			<0.03		5.3	5.1	7	4.0													
4	14-Oct-16	Mid	16X148846	0.025	0.018				<2	<0.05	<0.05	<0.4			<0.03		5.2	5.2	<5	1.7													
4	14-Oct-16	Bottom	16X148846	0.011	0.024				<2	<0.05	<0.05	<0.4			<0.03		5.2	5.0	<5	1.8													
5	14-Oct-16	Surface	16X148846		0.021				<2	<0.05	<0.05	<0.4			<0.03		5.4	5.3	<5	2.2													
6	14-Oct-16	Surface	16X148846		0.023				<2	<0.05	<0.05	<0.4			2.92		5.4	5.1	571	12.5													
7	14-Oct-16	Surface	16X148846		0.037				<2	<0.05	<0.05	<0.4			<0.03		5.3	5.1	8	3.9													
8	14-Oct-16	Surface	16X148846		0.022				123	<0.05	<0.05	<0.4			<0.03		12.3	7.3	13	3.8													
9	14-Oct-16	Surface	16X148846		0.058				777	<0.05	<0.05	<0.4			<0.03		5.7	5.0	50	12.6													
10	14-Oct-16	Surface	16X148846	<MDL	<MDL				1250	<0.05	<0.05	<0.4			<0.03		3.3	3.1	8	1.2													
10	14-Oct-16	Nephloid	16X148846	<MDL	<MDL				1550	<0.05	<0.05	<0.4			<0.03		2.8	2.6	9	0.9													
10	14-Oct-16	Below Nephloid	16X148846	<MDL	<MDL				1770	<0.05	<0.05	<0.4			<0.03		2.3	2.4	7	0.9													
11	14-Oct-16	Surface	16X148846	<MDL	<MDL				1970	<0.05	<0.05	<0.4			<0.03		2.4	2.0	15	1.2													
1	16-Oct-16	Surface	16X149139	<MDL	0.013				<2	<0.05	<0.05	<0.4			<0.03		4.8	5.3	<5	1.1					0.02		22						
2	16-Oct-16	Surface	16X149139	0.018	0.018				<2	<0.05	<0.05	<0.4			<0.03		6.5	6.0	<5	1.8				0.02		18							
3	16-Oct-16	Surface	16X149139	<MDL	0.017				<2	<0.05	<0.05	<0.4			<0.03		5.1	5.0	<5	2.5				0.02		21							
4	16-Oct-16	Surface	16X149139	<MDL	0.011				<2	<0.05	<0.05	<0.4			<0.03		5.0	4.9	<5	1.1				0.02		21							
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				0.02		21							
4	16-Oct-16	Bottom	16X149139	<MDL	<MDL				<2	<0.05	<0.05	<0.4			0.26		5.1	4.9	<5	1.7				0.02		22							
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				0.02		21							
6	16-Oct-16	Surface	16X149139	<MDL	<MDL				<2	<0.05	<0.05	<0.4			0.28		5.1	4.9	<5	2.6				0.02		21							
7	16-Oct-16	Surface	16X149139	<MDL	<MDL				<2	<0.05	<0.05	<0.4			<0.03		5.3	5.1	7	4.1				0.02		23							
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			0.60		1080								
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			3.56		5820								
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			5.71		9150								
10	16-Oct-16	Nephloid	16X149139	<MDL	<MDL				1840	<0.05	<0.05	<0.4			0.05		2.4	2.2	15	1.4			6.03		9750								
10	16-Oct-16	Below Nephloid	16X149139	<MDL	<MDL				1770	<0.05	<0.05	<0.4			0.4		2.3	2.1	13	1.5			5.66		9090								
11	16-Oct-16	Surface	16X149139	<MDL	<MDL				2070	<0.05	<0.05	<0.4			0.26		2.3	2.2	25	5.6			5.87		9330								
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		0.01	2.37	19	22.13	5.66	0.013				
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		0.01	4.30	20	24.4	6.12	0.013				
4	5-Nov-16	Mid	16X157359	<MDL	0.010										<0.03		5.2	5.5	7	1.8		12.8		0.01	4.22	19	16.45	5.81	0.013				
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		0.01	4.22	19	17.21	5.77	0.012				
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		0.01	3.97	20	20.1	6.12	0.013				
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		0.01	3.51	24	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	<0.05	<0.05	0.11		8.4	8.1	<5	3.0		14.4		0.03	-0.06	60	22.3	6.32	0.032				
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		13.0		15.62	2.44	26166	18.95	6.89	17.02				
10	5-Nov-16	Nephloid	16X157359	<MDL	<MDL										0.18		3.4	3.6	10	1.4		12.5		15.70	2.62	26276	17.78	6.91	17.07				
10	5-Nov-16	Below Nephloid	16X157359	<MDL	<MDL		0.0000169		1170	<0.05	<0.05	0.4	<0.05	<0.05	0.18		3.4	3.6	10	1.4		12.5		15.73	2.67	26374	21.82	6.84	17.12				
11	5-Nov-16	Surface	16X157359	<MDL	<MDL		0.0000192		2130	<0.05	<0.05	0.8	<0.05	<0.05	0.29		2.0	2.2	<5	0.7		13.4		29.05	3.46	46010	14.5	6.67	29.92				
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		0.01	-0.04	21	19	5.78	0.013				
4	7-Nov-16	Surface	16X157937	0.017	0.025		0.000026		<2	<0.05	<0.05	1	0.06	<0.05	<0.03		5.6	5.3	<5	1.5		11.7		0.01	3.01	20	17.21	6.14	0.013				
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	2.0		11.8		0.01	3.04	19	16.74	6.12	0.013				
4	7-Nov-16	Bottom	16X157937	0.013	0.021				<2	<0.05	<																						

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				Dissolved MeHg (ng/L)	Total MeHg (ng/L)	Low Level THg (Flett; 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 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)
11	11-Dec-16	Surface	16X16939	0.01*	0.01*	0.05	0.0000019	0.0000025	2	0.05	0.03	0.4	0.05	0.05	0.05	0.03	0.002	0.5	0.5	0.1	0.1	1	NA	NA	NA	NA	NA	NA	NA	*Method Detection Limit (MDL)
N10	20-Dec-16	Surface	16X173490	0.025	0.041	<MDL	<0.0000019		2360	<0.05	<MDL	<0.4	<0.05	9.52	<0.03		2.7	3.3	11	0.8	15.5	32.01	-1.07	51582	17.5	8.49	33.36			
N11	20-Dec-16	Surface	16X173490	0.012	0.018	<MDL	<0.0000019		70	<0.05	0.08	0.4	0.07	<0.05	<0.03		9.7	7.2	13	3.9	11.4	0.01	0.01	35	17.86	6.63	0.022			
N12	20-Dec-16	Surface	16X173490	<MDL	<MDL	<MDL	<0.0000019		1870	<0.05	<0.05	0.4	<0.05	<0.05	<0.03		4.4	4.6	13	0.9	11.4	17.95	-0.43	30239	15.3	7.39	19.66			
N13	20-Dec-16	Surface	16X173490	<MDL	0.012	<MDL	<0.0000019		1030	<0.05	<0.05	0.4	0.76	<0.05	<0.03		11.6	12.0	11	1.2	11.7	16.80		28425	15.5	7.55	18.53			
N4	20-Dec-16	Surface	16X173490	<MDL	0.018	<MDL	<0.0000019		314	<0.05	0.08	0.5	<0.05	<0.05	<0.03		6.7	6.4	7	2.2	11.5	26.94	-1.23	44197	12.6	7.97	28.76			
N5	20-Dec-16	Surface	16X173490	<MDL	0.015	<MDL	0.0000027		<2	<0.05	0.08	<0.4	<0.05	<0.05	<0.03		6.0	5.7	13	9.6	11.1	0.01	0.00	23	17.9	8.13	0.015			
N6	20-Dec-16	Surface	16X173490	<MDL	0.013	<MDL	<0.0000019		<2	<0.05	0.09	0.8	<0.05	<0.05	0.29		5.3	5.2	13	11.7	11.3	0.01	0.00	26	16.6	7.73	0.017			
N7	20-Dec-16	Surface	16X173490	<MDL	0.015	<MDL	<0.0000019		<2	<0.05	0.09	0.8	<0.05	<0.05	0.09		5.7	5.5	13	6.9	11.4	0.01	0.00	27	18.6	7.61	0.018			
N8	20-Dec-16	Surface	16X173490	0.010	0.016	<MDL	<0.0000019		7	<0.05	0.1	<0.4	<0.05	<0.05	<0.03		5.6	5.3	8	2.6	11.4	0.12	0.01	23	17.2	7.2	0.166			
N9	20-Dec-16	Surface	16X173490	0.012	0.021	<MDL	<0.0000019		105	<0.05	0.09	0.6	<0.05	<0.05	<0.03		5.3	5.1	8	2.5	11.5	4.32	0.31	6257	16.9	6.96	4.653			
N11	20-Jan-17	Surface	17X180270	<MDL	<MDL	<MDL	<0.0000019		133	<0.05	<0.05	<0.4	<0.05	0.72	<0.03		4.8	4.8	<5	3.8	14.1	1.88	-0.09	3665	23.2	7.86	2.382			
N11	20-Jan-17	Halocline	17X180270	<MDL	<MDL	<MDL	<0.0000019		1700	<0.05	<0.05	0.5	1.62	<1.25	<0.03		2.5	1.1	<5	1.1	13.1	19.63	0.14	32636	14.16	7.54	21.27	Nitrite RDL 1.25 mg/L		
N12	20-Jan-17	Surface	17X180270	<MDL	<MDL	<MDL	<0.0000019		155	<0.05	<0.05	<0.4	0.11	0.65	<0.03		5.6	5.5	<5	2.0	14.5								Probes on Hydrolab frozen, in situ measurements could not be collected	
N12	20-Jan-17	Halocline	17X180270	<MDL	<MDL	<MDL	<0.0000019		1870	<0.05	<0.05	<0.4	<0.05	<1.25	<0.03		4.7	4.6	<5	1.1	12.6								Probes on Hydrolab frozen, in situ measurements could not be collected; Nitrite RDL 1.25 mg/L	
N6	20-Jan-17	Surface	17X180270	0.010	0.019	<MDL	<0.0000019		<2	<0.05	<0.05	1	<0.05	<0.05	<0.03		4.6	4.7	21	28.2	13.5			0.01	0.02	26	21.2	8.6	0.017	
N8	20-Jan-17	Surface	17X180270	<MDL	<MDL	<MDL	<0.0000019		11	<0.05	<0.05	0.5	<0.05	<0.05	0.14		4.7	4.4	7	16.2	13.4	0.18	0.00	377	13.5	8.41	0.246			
N8	20-Jan-17	Halocline	17X180270	<MDL	<MDL	<MDL	<0.0000019		1080	<0.05	<0.05	0.5	0.49	6.37	<0.03		9.4	9.3	11	5.1	12.7	15.31	1.30	25876	12.5	7.4	16.8			
N9	20-Jan-17	Surface	17X180270	<MDL	<MDL	<MDL	<0.0000019		118	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03		5.0	4.8	6	11.2	13.8	1.62	-0.01	3166	18.18	7.9	2.063			
N9	20-Jan-17	Halocline	17X180270	<MDL	<MDL	<MDL	<0.0000019		1820	<0.05	<0.05	1.6	<0.05	7.76	<0.03		4.6	5.1	<5	0.9	12.7	12.66	0.68	21782	13.85	7.35	14.13			
N1	6-Feb-17	Surface	17X184860	0.035	0.033	<MDL	<0.0000019		<2	<0.05	<0.05	0.33	0.07	<0.05	<0.03		6.4	6.1	<5	1.9	11.3	0.01	0.00	137	18.6	7.45	0.087			
N10	6-Feb-17	Surface	17X184860	<MDL	0.011	<MDL	<0.0000019		56	<0.05	<0.05	0.4	<0.05	0.45	<0.03		6.0	5.6	<5	11.8	11.4	1.29	-0.02	2400	18.8	7.68	1.583			
N10	6-Feb-17	Halocline	17X184860	<MDL	0.014	<MDL	<0.0000019		50	<0.05	<0.05	0.5	<0.05	0.42	<0.03		4.9	4.7	<5	10.1	11.3	13.85	0.35	24186	14.37	7.37	15.7			
N11	6-Feb-17	Surface	17X184860	<MDL	0.013	<MDL	<0.0000019		90	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03		5.1	4.8	11	9.1	11.6	1.52	-0.07	2965	20.49	7.72	1.937			
N11	6-Feb-17	Halocline	17X184860	<MDL	<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	16.13	0.24	26361	23	7.35	17.65			
N12	6-Feb-17	Surface	17X184860	<MDL	0.015	<MDL	<0.0000019		105	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03		4.8	4.8	<5	4.6	11.4	1.64	-0.19	3386	32.12*	8.3	2.117			
N12	6-Feb-17	Halocline	17X184860	<MDL	<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	14.58	-0.12	21142	32.17*	7.69	15.66			
N13	6-Feb-17	Surface	17X184860	<MDL	<MDL	<MDL	<0.0000019		1740	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03		4.3	4.1	<5	1.0	11.5	24.88	-1.13	40880	33.79*	7.66	26.64			
N4	6-Feb-17	Surface	17X184860	0.010	0.025	<MDL	<0.0000019		<2	<0.05	<0.05	0.25	<0.05	<0.05	0.1		4.7	4.5	389	17.8	11.3	0.01	0.03	25	22.1	7.75	0.017			
N5	6-Feb-17	Surface	17X184860	<MDL	0.019	<MDL	<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.06		4.6	4.4	50	17.5	11.4	0.01	0.00	26	23.42	7.84	0.017			
N6	6-Feb-17	Surface	17X184860	<MDL	0.013	<MDL	<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.03		4.8	4.6	33	27.6	11.5	0.01	0.03	27	23.2	7.76	0.017			
N7	6-Feb-17	Surface	17X184860	<MDL	0.010	<MDL	<0.0000019		<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			
N8	7-Feb-17	Surface	17X185400	0.010	0.013	<MDL	0.0000035		8	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03		4.6	4.4	<5	14.6	13.4	0.13	0.10	306	30.3*	8.19	0.186			
N8	7-Feb-17	Halocline	17X185400	0.010	0.013	<MDL	<0.0000019		8	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03		4.8	4.6	6	14.2	13.5	2.63	0.03	5877	16.26	7.26	3.5			
N9	7-Feb-17	Surface	17X185400	<MDL	0.011	<MDL	<0.0000019		75	<0.05	<0.05	<0.4	<0.05	<0.05	0.06		4.6	4.5	6	11.6	13.0	0.91	-0.12	1833	22.1	7.61	1.196			
N9	7-Feb-17	Halocline	17X185400	<MDL	0.010	<MDL	<0.0000019		80	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03		4.9	4.5	6	13.1	13.0	11.90	-0.05	18680	18.6	7.2	13.06			
N1	14-Feb-17	Surface	17X187415	0.010	0.015	<MDL	<0.0000019		<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			
N10	14-Feb-17	Surface	17X187415	0.010	0.013	<MDL	<0.0000019		66	<0.05	<0.05	0.5	<0.05	<0.05	<0.03		5.3	5.1	<5	6.2	14.2	1.10	-0.06	2170	22.3	7.03	1.429			
N10	14-Feb-17	Halocline	17X187415	0.013	0.014	<MDL	<0.0000019		78	<0.05	<0.05	1	<0.05	<0.05	<0.03		5.4	5.2	<5	6.0	14.0	1.46	-0.07	2847	14.8	7.16	1.865			
N11	14-Feb-17	Surface	17X187415	0.010	0.010	<MDL	<0.0000019		78	<0.05	<0.05	0.5	<0.05	0.45	<0.03		4.6	4.7	<5	9.1	13.9	1.								

Sample Site	Sample Date	Sample Depth	AGAT Work Order #	Laboratory Analysis											In Situ																	
				Dissolved MeHg (ng/L)	Total MeHg (ng/L)	Low Level THg (Flett; 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 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)	Notes	
N11	22-Mar-17	Surface	RDL	0.01*	0.01*	0.05	0.0000019	0.0000025	2	0.05	0.03	0.4	0.05	0.05	0.05	0.03	0.002	0.5	0.5	5	0.1	0.1	1		NA	NA	NA	NA	NA	NA	NA	*Method Detection Limit (MDL)
N11	22-Mar-17	Surface	17X198584	0.010	0.012		<0.0000019		100	<0.05	<0.03	<0.4	<0.05	<0.05	0.16		4.5	4.2	<5	7.3	14.1			0.77	-0.01	1582	17.6	8.39	1.014			
N12	22-Mar-17	Surface	17X198584	<MDL	<MDL		<0.0000019		1470	<0.05	<0.03	<0.4	<0.05	<0.05	0.48		4.1	3.9	8	1.9	13.1			13.70	0.86	24142	15.28	7.55	15.46		Nitrate/Nitrite MDL = 5.0 mg/L	
N12	22-Mar-17	Surface	17X198584	<MDL	0.010		<0.0000019		140	<0.05	<0.03	0.5	<0.50	<0.50	<0.03		3.8	3.5	<5	3.8	13.8			1.62	-0.11	3171	19.8	8.26	1.62		Nitrate/Nitrite MDL = 5.0 mg/L	
N12	22-Mar-17	Halocline	17X198584	<MDL	0.010		<0.0000019		1160	<0.05	<0.03	<0.4	<0.5	<0.5	<0.03		4.1	4.6	<5	2.5	13.2			14.44	0.45	24652	14.46	7.44	14.44		Nitrate/Nitrite MDL = 5.0 mg/L	
N13	22-Mar-17	Surface	17X198584	<MDL	0.010		<0.0000019		2160	<0.05	<0.03	<0.4	<10	<10	0.72		3.5	2.4	11	1.4	13.7			24.13	-1.15	39960	16.7	8.06	25.97		Nitrate/Nitrite RDL = 10 mg/L	
N4	22-Mar-17	Surface	17X198584	0.011	0.021		<0.0000019		<2	<0.05	0.05	<0.4	<0.05	<0.05	0.75		3.1	2.7	388	119.0	12.2			0.00	0.01	8	15.2	8.3	0.005			
N4	22-Mar-17	Mid	17X198584	0.010	0.016		<0.0000019		<2	<0.05	0.07	<0.4	<0.05	<0.05	<0.03		3.4	3.3	12	10.6	13.6			0.00	0.02	8	11.6	8.3	0.005			
N4	22-Mar-17	Bottom	17X198584				<0.0000019		<2	<0.05	<0.03	<0.4	<0.05	<0.05	0.8		3.2	3.0	700	674.0	13.9			0.00	0.03	13	17.7	8.1	0.008			
N5	22-Mar-17	Surface	17X198584	0.010	0.083		<0.0000019		<2	<0.05	<0.03	<0.4	<0.05	<0.05	0.21		5.2	5.1	8	8.8	14.3			0.00	0.05	4	17.6	7.25	0.002			
N6	22-Mar-17	Surface	17X198584	0.020	0.030		<0.0000019		3	<0.05	<0.03	<0.4	<0.05	<0.05	1.21		3.8	3.2	1570	695.0	13.1			0.00	0.02	82	11.69	7.28			Meter freezing (no conductivity/TDS value obtained)	
N7	23-Mar-17	Surface	17X198994	0.013	0.148		<0.0000019		<2	<0.05	<0.03	<0.4	<0.05	<0.05	1.07		3.8	3.5	<5	7.6	10.4			0.01	0.07	20	14.7	7.76	0.013			
N8	23-Mar-17	Surface	17X198994	0.010	0.010		<0.0000019		2	<0.05	<0.03	<0.4	<0.05	<0.05	1.07		3.8	3.5	<5	7.6	10.4			0.04	-0.05	82	15.3	8.47	0.054		Ammonia RDL = 0.03mg/L	
N8	23-Mar-17	Halocline	17X198994	0.015	0.013		<0.0000019		50	<0.05	<0.03	<0.4	<0.05	<0.05	1.13		3.6	3.3	8	8.8	11.3			12.19	1.24	20430	13.43	7.55	13.58		Ammonia RDL = 0.03mg/L	
N9	23-Mar-17	Surface	17X198994	<MDL	0.013		<0.0000019		74	<0.05	<0.03	<0.4	<0.05	<0.05	0.91		3.8	3.5	<5	7.7	11.3			0.59	-0.08	1217	13.12	8.44	0.79		Ammonia RDL = 0.03mg/L	
N9	23-Mar-17	Halocline	17X198994	<MDL	0.010		<0.0000019		1250	<0.05	<0.03	<0.4	<0.05	<0.05	1.08		<0.5	<0.5	<5	2.9	10.4			12.17	-0.90	20600	10.96	7.45	13.55		Ammonia RDL = 0.03mg/L	
N1	27-Mar-17	Surface	17X199860	0.010	0.010		<0.0000019		<2	<0.05	<0.03	0.6	<0.05	<0.05	0.04		3.5	3.0	<5	2.0	12.2			0.00	-0.03	14	12.62	8.2	0.008			
N4	27-Mar-17	Surface	17X199860	0.013	0.010		<0.0000019		<2	<0.05	<0.03	0.9	<0.05	<0.05	0.06		3.1	3.0	9	18.4	12.3			0.01	-0.01	19	14.7	7.8	0.013			
N4	27-Mar-17	Mid	17X199860				<0.0000019																	0.01	-0.02	20	11.25	7.51	0.013			
N4	27-Mar-17	Bottom	17X199860	0.010	0.010		<0.0000019		<2	<0.05	<0.03	0.7	<0.05	<0.05	0.04		3.8	3.7	10	8.6	11.7			0.01	-0.02	20	11.29	7.41	0.012			
N5	27-Mar-17	Surface	17X199860	0.012	0.185		<0.0000019		<2	<0.05	<0.03	1.3	<0.05	<0.05	0.96		3.9	3.6	962	3610.0	12.7			0.00	0.00	4	18.7	7.66	0.003			
N6	27-Mar-17	Surface	17X199860	0.017	0.032		<0.0000019		3	<0.05	<0.03	0.9	0.12	<0.05	0.22		5.8	5.6	<5	79.9	12.9			0.01	-0.05	13	11.41	7.57	0.01			
N7	27-Mar-17	Surface	17X199860	0.011	0.024		<0.0000019		<2	<0.05	<0.03	0.8	<0.05	<0.05	<0.03		3.8	3.6	84	64.8	13.1			0.01	0.15	22	10.98	7.44	0.014			
N8	27-Mar-17	Surface	17X199860	0.010	<MDL		<0.0000019		17	<0.05	<0.03	0.9	<0.05	0.24	<0.03		3.7	3.4	<5	8.5	12.5			0.11	-0.03	231	15.3	7.19	0.151			
N8	27-Mar-17	Halocline	17X199860	0.010	0.010		<0.0000019		18	<0.05	0.08	0.8	<0.05	0.23	0.8		3.6	3.7	<5	8.8	12.3			4.39	0.56	7402	11.1	6.73	5.155			
N10	28-Mar-17	Surface	17X200351	0.010	0.014		<0.0000019		64	<0.05	<0.03	0.6	<0.05	<0.05	<0.03		5.1	4.8	<5	2.6	13.4			0.54	-0.09	983	16.3	8.6	0.627			
N10	28-Mar-17	Halocline	17X200351	<MDL	0.014		<0.0000019		59	<0.05	0.08	0.7	<0.05	<0.05	<0.03		4.7	5.1	<5	3.6	13.0			16.32	1.16	27172	9.92	8	17.78			
N11	28-Mar-17	Surface	17X200351	<MDL	<MDL		<0.0000019		88	<0.05	0.08	0.4	<0.05	<0.05	<0.03		4.3	4.0	<5	6.8	13.4			0.80	-0.13	1612	15.9	8.9	1.047			
N11	28-Mar-17	Halocline	17X200351	<MDL	<MDL		<0.0000019		1300	<0.05	<0.03	0.7	<0.5	<0.5	0.21		1.6	1.8	<5	2.1	12.5			18.17	0.96	30393	9.35	8.4	19.78			Nitrate/Nitrite MDL = 5.0 mg/L
N12	28-Mar-17	Surface	17X200351	<MDL	<MDL		<0.0000019		113	<0.05	0.14	0.6	<0.05	<0.05	<0.03		4.4	4.2	<5	4.2	13.3			1.26	-0.07	2495	15.56	8.2	1.622			
N12	28-Mar-17	Halocline	17X200351	<MDL	<MDL		<0.0000019		1290	<0.05	0.05	1	<0.5	<0.5	0.09		3.4	4.4	<5	1.5	12.3			15.48	0.93	26126	10.38	8.02	17.01			Nitrate/Nitrite MDL = 5.0 mg/L
N13	28-Mar-17	Surface	17X200351	<MDL	<MDL		<0.0000019		1920	<0.05	0.06	0.7	<0.05	<0.05	<0.03		2.4	2.4	14	0.9	12.3			23.81	-0.35	39425	11.71	8.12	25.57			Nitrate/Nitrite RDL = 10 mg/L
N9	28-Mar-17	Surface	17X200351	0.011	0.010		<0.0000019		141	<0.05	<0.03	0.8	<0.05	<0.05	0.07		5.0	4.7	<5	7.1	13.4			1.47	-0.05	2886	14.1	8.2	1.88			
N9	28-Mar-17	Halocline	17X200351	<MDL	<MDL		<0.0000019		1480	<0.05	<0.03	0.7	<0.5	<0.5	0.28		3.5	3.7	8	2.3	12.1			10.04	0.78	17417	11.33	7.91	11.38			Nitrate/Nitrite MDL = 5.0 mg/L
N1	6-Apr-17	Surface	17X203307	0.015	0.013		<0.0000019		<2	<0.05	<0.03	0.7	<0.05	<0.05	<0.03		3.8	3.7	<5	1.3	11.8			0.00	0.41	20	11.22	8.7	0.0128			
N10	6-Apr-17	Surface	17X203307	0.010	0.012		<0.0000019		51	<0.05	<0.03	0.5	<0.05	<0.05	<0.03		4.9	4.6	<5	3.7	11.8			0.73	-0.15	1382	11.7	7.38	0.884			
N10	6-Apr-17	Halocline	17X203307	0.010	0.011		<0.0000019		77	<0.05	<0.03	0.6	<0.50	<0.50	<0.03		5.1	5.1	<5	3.8	11.9			8.75	0.07	14750	10.87	6.33	9.649			Nitrate/Nitrite MDL = 0.5 mg/L
N11	6-Apr-17	Surface	17X203307	0.010	0.010		<0.0000019		97	<0.05	<0.03	0.7	<0.50	<0.50	0.03		4.1	3.8	10	4.6	12.2			1.11	-0.19	2070	12.28	7.7	1.326			Nitrate/Nitrite MDL = 0.5 mg/L
N11	6-Apr-17	Halocline	17X203307	<MDL	0.010		<0.0000019		1090	<0.05	<0																					

Sample Site	Sample Date	Sample Depth	AGAT Work Order #	Laboratory Analysis													In Situ																											
				Dissolved MeHg (ng/L)	Total MeHg (ng/L)	Low level THg (Flett; 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 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)	Notes													
N8	2-May-17	Surface	RDL	0.01*	0.01*	0.05	0.0000019	0.0000025	2	0.05	0.03	0.4	0.05	0.05	0.05	0.03	0.002	0.5	0.5	0.1	0.1	1	6.81	56	120	6.81	1	NA	NA	NA	NA	NA	NA	*Method Detection Limit (MDL)										
N8	2-May-17	Halocline	17X211188	<MDL	0.010		<0.0000019		4	<0.05	<0.03	<0.4	<0.05	<0.05	<0.05	0.08	4.1	4.1	<3	3.0	11.5	120	6.81	56	120	6.81	1	NA	NA	NA	NA	NA	NA											
N9	2-May-17	Surface	17X211188	0.013	0.010		<0.0000019		45	<0.05	<0.03	0.4	<0.05	<0.05	<0.03	0.08	4.4	4.4	<3	6.7	11.5	1220	7.18	626	6.39	0.55																		
N9	2-May-17	Halocline	17X211188	0.010	0.025		<0.0000019		147	<0.05	<0.03	1.2	<0.05	<0.05	0.05	0.05	4.3	3.9	4	4.1	10.9	3980	7.33	2210	2.52	-0.08									Nitrate/Nitrite RDL = 5.0 mg/L									
N10	2-May-17	Surface	17X211188	0.010	0.010		<0.0000019		894	<0.05	<0.03	0.4	<5.00	<5.00	0.16	0.16	2.3	2.2	6	2.4	10.9	21000	7.74	13300	7.63	0.59									Nitrate/Nitrite RDL = 5.0 mg/L									
N10	2-May-17	Halocline	17X211188	0.012	0.013		<0.0000019		78	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03	0.03	5.3	5.2	<3	3.0	11.0	1990	7.39	1040	1.03	-0.08										Nitrate/Nitrite RDL = 10 mg/L								
N11	2-May-17	Surface	17X211188	<MDL	<MDL		<0.0000019		1180	<0.05	<0.03	0.5	<10.0	<10.0	0.07	0.07	2.4	2.3	<3	0.7	10.4	27200	7.80	17700	8.73	0.24										Nitrate/Nitrite RDL = 10 mg/L								
N11	2-May-17	Halocline	17X211188	<MDL	<MDL		<0.0000019		145	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03	0.03	5.1	4.9	46	4.1	11.0	3910	7.53	2160	2.09	-0.17											Nitrate/Nitrite RDL = 10 mg/L							
N12	2-May-17	Surface	17X211188	<MDL	<MDL		<0.0000019		1020	<0.05	<0.03	0.8	<10.0	<10.0	<0.03	0.03	2.5	2.3	4	1.3	10.5	23400	7.81	14700	14.39	0.90													Nitrate/Nitrite RDL = 10 mg/L					
N12	2-May-17	Halocline	17X211188	0.010	<MDL		<0.0000019		1020	<0.05	<0.03	0.8	<0.05	<0.05	<0.03	0.03	4.7	4.6	<3	2.3	11.2	2940	7.50	1540	1.54	-0.14													Nitrate/Nitrite RDL = 10 mg/L					
N13	2-May-17	Surface	17X211188	<MDL	<MDL		<0.0000019		1120	<0.05	<0.03	<0.4	<10.0	<10.0	0.07	0.07	2.3	2.1	5	1.4	11.0	25600	7.84	16900	15.23	0.80													Nitrate/Nitrite RDL = 10 mg/L					
N11	11-May-17	Surface	17X214418	<MDL	0.021	0.020	<0.0000019		1740	<0.05	<0.03	<0.4	<10.0	<10.0	0.08	0.08	1.7	1.7	6	0.7	11.6	38600	8.11	25800	25.04	1.19													Nitrate/Nitrite RDL = 10 mg/L					
N4	11-May-17	Surface	17X214418	0.010	0.029		<0.0000019		<2	<0.05	<0.03	0.4	<0.05	<0.05	<0.03	0.03	7.1	6.7	<5	1.2	10.5	19	6.84	9	0.00	1.98																		
N4	11-May-17	Mid	17X214418	0.023	0.029		<0.0000019		<2	<0.05	<0.03	0.4	<0.05	<0.05	0.03	0.03	4.6	4.5	9	11.8	10.8	14	6.68	5	0.00	-0.06																		
N4	11-May-17	Bottom	17X214418	0.014	0.030		<0.0000019		<2	<0.05	<0.03	1	<0.05	<0.05	<0.03	0.03	6.9	6.6	14	19.1	10.6	21	6.82	11	0.00	-0.06																		
N5	11-May-17	Surface	17X214418	0.022	0.017		<0.0000019		<2	<0.05	0.03	0.7	<0.05	<0.05	0.04	0.04	5.1	4.8	41	44.8	11.1	18	6.86	13	0.00	0.12																		
N6	11-May-17	Surface	17X214418	0.016	0.021		<0.0000019		<2	<0.05	<0.03	0.5	<0.05	<0.05	0.06	0.06	5.3	5.1	32	55.6	11.0	21	6.81	15	0.00	-0.06																		
N7	11-May-17	Surface	17X214418	0.020	0.041		<0.0000019		<2	<0.05	0.03	0.5	<0.05	<0.05	0.37	0.37	4.1	3.6	127	246.0	11.1	16	6.72	20	0.00	-0.09																		
N10	11-May-17	Surface	17X214418	0.064	0.180		<0.0000019		62	<0.05	0.07	1	<0.05	<0.05	<0.03	0.03	4.3	4.1	<5	2.5	10.8	1550	7.10	798	0.97	0.32																		
N10	11-May-17	Halocline	17X214418	0.010	<MDL		<0.0000019		901	<0.05	<0.03	0.6	0.09	<5.0	0.12	0.12	3.0	2.9	5	2.0	10.1	21800	7.57	13100	18.02	1.10																		
N11	11-May-17	Surface	17X214418	<MDL	<MDL		<0.0000019		4	<0.05	0.04	<0.4	<0.05	<0.05	<0.03	0.03	0.8	0.7	<5	0.6	10.8	142	6.29	65	1.62	0.13																		
N11	11-May-17	Halocline	17X214418	<MDL	<MDL		<0.0000019		1260	<0.05	<0.03	<0.5	<5.0	<5.0	0.04	0.04	2.4	2.3	5	1.4	10.2	29300	7.70	18500	18.12	0.87																		
N12	11-May-17	Surface	17X214418	0.010	<MDL		<0.0000019		11	<0.05	0.04	0.4	0.08	<0.05	0.08	0.08	0.8	0.7	<5	0.9	10.9	347	6.45	169	1.84	-0.12																		
N12	11-May-17	Halocline	17X214418	0.010	<MDL		<0.0000019		1190	<0.05	<0.03	0.4	<0.05	<5.0	0.67	0.67	2.6	2.6	<5	0.9	10.8	28300	7.71	17700	18.55	0.87																		
N13	11-May-17	Surface	17X214418	0.015	0.032		0.0000038		732	<0.05	<0.03	0.9	<0.05	<5.0	0.08	0.08	15.0	14.5	10	5.8	10.6	18300	7.41	10700	24.16	1.25																		
N8	12-May-17	Surface	17X214754	0.010	0.024		<0.0000019		<2	<0.05	0.06	0.5	<0.05	<0.05	<0.03	0.03	1.2	0.9	<5	5.1	9.9	32	6.19	13	2.07	0.61																		
N8	12-May-17	Halocline	17X214754	0.010	0.011		0.0000028		667	<0.05	0.04	0.7	<0.05	<2.50	<0.03	0.03	4.1	4.1	10	8.6	9.9	16500	7.55	7080	14.69	1.07																		
N9	12-May-17	Surface	17X214754	0.012	0.025		<0.0000019		184	<0.05	0.03	0.5	<0.05	<0.05	<0.03	0.03	5.3	5.1	6	13.2	10.1	3630	7.24	2020	0.14	-0.03																		
N9	12-May-17	Halocline	17X214754	<MDL	0.017		0.0000023		510	<0.05	0.04	1	<0.05	<2.50	0.09	0.09	4.3	4.2	10	6.0	10.1	12700	7.53	6890	11.73	1.26																		
N1	16-May-17	Surface	17X215940	<MDL	0.024		<0.0000019		<2	<0.05	<0.03	0.4	<0.05	<0.05	<0.03	0.03	6.5	6.1	<5	1.7	10.4	18	7.34	9	0.00	1.58																		
N4	16-May-17	Surface	17X215940	0.010	0.025		<0.0000019		<2	<0.05	<0.03	0.4	<0.05	<0.05	0.09	0.09	8.2	7.7	30	27.7	10.4	15	6.95	7	0.00	0.90																		
N4	16-May-17	Mid	17X215940	0.010	0.027		<0.0000019		<2	<0.05	<0.03	0.4	<0.05	<0.05	0.07	0.07	8.1	7.7	37	27.4	11.1	15	6.86	8	0.00	0.88																		
N4	16-May-17	Bottom	17X215940	<MDL	0.024		<0.0000019		<2	<0.05	<0.03	0.5	<0.05	<0.05	0.05	0.05	8.0	7.8	39	30.1	10.5	15	6.84	8	0.00	0.89																		
N5	16-May-17	Surface	17X215940	0.010	0.018		<0.0000019		<2	<0.05	<0.03	0.4	<0.05	<0.05	0.09	0.09	7.3	7.1	94	71.6																								

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 (Flett; 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 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)	
			RDL	0.01*	0.01*	0.05	0.0000019	0.0000025	2	0.05	0.03	0.4	0.05	0.05	0.05	0.03	0.002	0.5	0.5	5	0.1	0.1	1	NA	NA	NA	NA	NA	NA	NA	*Method Detection Limit (MDL)	
N4	10-Jul-17	Surface	17X235481	0.028	0.041	1.91			<2	<0.05	<0.03	<0.4	<0.05	<0.05	0.11		6.4	6.4	7	9.0	10.1	19	6.91	10	0.00	13.86						
N4	10-Jul-17	Mid	17X235481	0.024	0.035	1.96			<2	<0.05	<0.03	<0.4	<0.05	<0.05	0.04		5.9	5.5	8	8.6	10.4	18	6.89	10	0.00	13.86						
N4	10-Jul-17	Bottom	17X235481	0.030	0.039	1.91			<2	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		5.9	5.5	5	9.1	10.3	18	6.89	10	0.00	13.86						
N5	10-Jul-17	Surface	17X235481	0.023	0.027	1.83			<2	<0.05	<0.03	0.4	<0.05	<0.05	0.16		5.6	5.3	7	6.8	10.4	19	7.02	11	0.01	14.41						
N6	10-Jul-17	Surface	17X235481	0.024	0.029	1.94			<2	<0.05	<0.03	<0.4	<0.05	<0.05	0.08		5.6	5.4	<5	8.8	11.0	18	6.91	9	0.01	13.82						
N7	10-Jul-17	Surface	17X235481	0.024	0.031	2.67			<2	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		7.0	6.6	15	23.2	10.4	21	6.87	11	0.00	13.56						
N8	10-Jul-17	Surface	17X235481	0.025	0.030	1.98			11	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		5.9	5.7	5	7.9	9.8	298	6.88	138	0.14	13.46						
N8	10-Jul-17	Halocline	17X235481	<MDL	0.014	1.40			687	<0.05	<0.03	<0.4	<5.0	<5.0	<0.03		4.0	4.0	<5	4.4	10.1	15200	7.55	8810	9.29	7.81						
N9	10-Jul-17	Surface	17X235481	0.014	0.031	1.98			145	<0.05	<0.03	<0.4	<0.05	<0.05	0.1		6.4	6.1	<5	7.2	9.9	3510	7.26	1980	1.77	13.80						
N9	10-Jul-17	Halocline	17X235481	<MDL	<MDL	0.64			1230	<0.05	<0.03	<0.4	<10	<10	0.07		1.8	1.8	<5	2.2	11.1	25100	7.75	16900	15.01	4.03						
N10	10-Jul-17	Surface	17X235481	<MDL	0.018	1.57			228	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		6.4	6.0	8	3.1	10.4	5220	7.44	3100	2.73	13.34						
N10	10-Jul-17	Halocline	17X235481	<MDL	0.011	1.53			356	<0.05	<0.03	1.1	<5.0	<5.0	<0.03		5.9	5.7	8	2.6	10.5	8110	7.47	4820	10.43	7.88						
N11	10-Jul-17	Surface	17X235481	<MDL	0.010	1.13			399	<0.05	<0.03	<0.4	<5.0	<5.0	0.11		5.8	5.4	<5	2.0	10.5	8820	7.53	5380	4.67	13.80						
N11	10-Jul-17	Halocline	17X235481	<MDL	0.010	1.76			401	<0.05	<0.03	<0.4	<5.0	<5.0	<0.03		5.5	5.4	<5	1.9	10.9	8920	7.57	5390	4.88	12.26						
N12	10-Jul-17	Surface	17X235481	<MDL	<MDL	0.96			754	<0.05	<0.03	<0.4	<5.0	<5.0	<0.03		4.0	3.5	<5	1.6	10.6	15700	7.74	10100	9.07	11.28						
N12	10-Jul-17	Halocline	17X235481	<MDL	<MDL	0.84			916	<0.05	<0.03	0.9	<5.0	<5.0	0.05		3.4	3.3	<5	1.3	10.5	18600	7.76	12300	13.21	6.89						
N13	10-Jul-17	Surface	17X235481	0.010	0.020	0.82			1850	<0.05	<0.03	6.6	<10	<10	0.06		1.8	1.5	<5	2.7	10.8	35700	8.01	25500	23.04	14.12						
N1	19-Jul-17	Surface	17X239306	0.024	0.027	1.62			<2	<0.05	0.04	0.27	0.06	<0.05	<0.03		6.5	5.4	<5	1.3	9.8	19	6.79	10	0.00	15.88						
N4	19-Jul-17	Surface	17X239306	0.027	0.030	1.55			<2	<0.05	0.05	0.5	<0.05	<0.05	<0.03		5.9	5.6	<5	2.1	9.4	18	6.80	9	0.00	16.80						
N4	19-Jul-17	Mid	17X239306	0.025	0.024	1.52			<2	<0.05	<0.03	0.4	<0.05	<0.05	<0.03		5.9	5.5	<5	2.5	9.9	19	6.82	9	0.00	16.80						
N4	19-Jul-17	Bottom	17X239306	0.021	0.026	1.56			<2	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		5.8	5.6	<5	2.2	9.7	18	6.85	9	0.00	16.79						
N5	19-Jul-17	Surface	17X239306	0.024	0.029	1.64			<2	<0.05	<0.03	0.4	<0.05	<0.05	<0.03		5.9	5.7	<5	4.1	10.2	18	6.85	9	0.00	16.39						
N6	19-Jul-17	Surface	17X239306	0.020	0.028	1.67			<2	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		5.9	5.6	6	6.1	10.4	18	6.86	10	0.00	16.16						
N7	19-Jul-17	Surface	17X239306	0.022	0.029	1.62			<2	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		6.0	5.7	6	5.6	9.3	19	6.88	10	0.00	16.97						
N8	19-Jul-17	Surface	17X239306	0.020	0.027	1.66			12	<0.05	<0.03	0.4	<0.05	<0.05	<0.03		6.2	5.9	<5	5.1	9.4	335	6.85	166	0.31	17.25						
N8	19-Jul-17	Halocline	17X239306	<MDL	<MDL	1.03			298	<0.05	<0.03	1.4	<5.0	<5.0	<0.03		4.1	3.9	<5	3.3	10.0	16600	7.50	10700	9.47	10.09						
N9	19-Jul-17	Surface	17X239306	0.010	0.016	1.56			301	<0.05	<0.03	0.4	<5.0	<5.0	<0.03		6.2	5.9	<5	4.6	10.1	6340	7.35	4020	3.72	16.07						
N9	19-Jul-17	Halocline	17X239306	<MDL	<MDL	0.74			1160	<0.05	<0.03	0.4	<5.0	<5.0	<0.03		2.4	2.4	<5	2.1	10.1	20800	7.69	15700	13.40	7.60						
N10	19-Jul-17	Surface	17X239306	<MDL	0.010	0.88			923	<0.05	0.03	<0.4	<5.0	<5.0	<0.03		3.9	3.6	<5	1.7	10.4	17200	7.82	12500	11.00	13.41						
N10	19-Jul-17	Halocline	17X239306	<MDL	<MDL	0.75			937	<0.05	<0.03	0.7	<5.0	<5.0	<0.03		4.0	3.6	<5	2.0	10.2	17500	7.75	12800	16.02	5.27						
N11	19-Jul-17	Surface	17X239306	<MDL	<MDL	1.10			528	<0.05	<0.03	0.6	<0.05	<0.05	<0.03		4.7	4.4	<5	2.6	10.1	10600	7.60	7210	6.22	16.49						
N11	19-Jul-17	Halocline	17X239306	<MDL	<MDL	1.09			548	<0.05	<0.03	0.6	0.05	<0.05	<0.03		4.6	4.4	<5	3.0	9.9	10800	7.49	7500	6.37	15.67						
N12	19-Jul-17	Surface	17X239306	<MDL	<MDL	0.91			497	<0.05	<0.03	0.6	0.06	<0.05	<0.03		4.5	4.2	<5	2.6	10.2	10100	7.53	6850	5.97	15.82						
N12	19-Jul-17	Halocline	17X239306	<MDL	<MDL	0.59			1370	<0.05	<0.03	0.6	<10	<10	<0.03		1.9	1.9	5	0.9	9.9	24400	7.75	18300	17.57	4.20						
N13	19-Jul-17	Surface	17X239306	<MDL	<MDL	1.43			1270	<0.05	<0.03	0.8	<5.0	<5.0	<0.03		2.3	2.3	<5	1.5	9.8	22700	7.87	17200	14.98	9.79						
N1	26-Jul-17	Surface	17X242132	0.021	0.021	1.43			<2	<0.02	<0.03	<0.4	<0.05	<0.05	<0.03		6.0	5.3	<5	1.3	9.7	20	7.18	9	0.01	15.45						
N6	26-Jul-17	Surface	17X242132	0.024	0.026	1.64			<2	<0.02	<0.03	0.4	<0.05	<0.05	0.04		5.7	5.4	32	9.1	9.6	20	7.07	10	0.01	15.96						
N4	27-Jul-17	Surface	17X242547	0.022	0.034	1.48			<2	<0.02	0.06	<0.4	<0.05	<0.05	<0.03		5.9	5.8	<5	2.0	9.1	19	7.02	9	0.01	15.00						
N4	27-Jul-17	Mid	17X242547	0.026	0.037	1.51			<2	<0.02	<0.03	<0.4	<0.05	<0.05	<0.03		6.1	5.8	<5	3.4	9.1	19	6.92	9	0.01	11.93						
N4	27-Jul-17	Bottom	17X242547	0.026	0.039																											

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 (Flett; 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 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)
			RDL	0.01*	0.01*	0.05	0.0000019	0.0000025	2	0.05	0.03	0.4	0.05	0.05	0.03	0.002	0.5	0.5	5	0.1	0.1	1	7.14	1	NA	NA	NA	NA	NA	*Method Detection Limit (MDL)	
N8	7-Nov-17	Surface	17X280254	0.014	0.029	1.54			187	<0.05	<0.03	0.5	0.18	<0.05	0.023	5.3	4.9	19.8	7.6	14.4	4690	7.14	2530	2.69	-0.25						
N9	7-Nov-17	Surface	17X280254	0.010	0.014	1.18			709	<0.05	<0.03	<0.4	<5	<5	0.025	1.7	1.4	13.8	1.1	14.5	16000	7.51	9580	9.16	-0.60						
N10	7-Nov-17	Surface	17X280254	<MDL	<MDL	0.34			1670	<0.05	0.1	<0.4	<10	<10	0.012	1.2	1.5	2.6	11.3	14.2	33600	7.94	22200	20.85	2.27						
N11	7-Nov-17	Surface	17X280254	<MDL	0.021	0.66			1420	<0.05	<0.03	<0.4	<10	<10	0.024	1.7	1.6	8.6	3.4	13.6	28400	7.91	19100	18.07	1.76						
N12	7-Nov-17	Surface	17X280254	0.021	0.034	0.93			1110	<0.05	0.29	1	<10	<10	0.022	3.6	3.3	3.2	2.2	14.3	23500	7.74	14900	14.22	-0.90						
N13	7-Nov-17	Surface	17X280254	<MDL	<MDL	0.40			1800	<0.05	0.15	<0.4	<10	<10	0.021	1.0	0.9	3.2	2.7	13.7	37500	7.79	24200	23.60	1.12						
N1	14-Nov-17	Surface	17X283934	0.019	0.025	1.61			0.9	<0.05	<0.03	<0.4	<0.05	<0.05	0.009	3.8	3.7	2	3.5	11.5	21	7.15	12	0.01	3.28						
N5	14-Nov-17	Surface	17X283934	0.021	0.019	1.64			0.8	<0.05	<0.03	0.4	<0.05	<0.05	0.016	4.0	3.9	13	18.7	11.9	20	6.97	13	0.01	1.09						
N6	14-Nov-17	Surface	17X283934	0.021	0.025	1.74			0.9	<0.05	<0.03	<0.4	<0.05	<0.05	0.021	4.0	4.0	17	18.3	12.4	20	6.95	13	0.01	1.40						
N7	14-Nov-17	Surface	17X283934	0.020	0.025	1.71			0.9	<0.05	<0.03	<0.4	<0.05	<0.05	0.025	4.0	3.9	18	18.5	12.6	20	6.95	14	0.01	0.49						
N8	14-Nov-17	Surface	17X283934	0.010	0.045	1.99			313	<0.05	<0.03	<0.4	<1.5	<1.5	0.045	4.1	3.8	46	17.5	12.2	7660	7.31	4410	4.28	-0.35						
N9	14-Nov-17	Surface	17X283934	<MDL	0.560	1.80			763	<0.05	0.03	9.9	<5	<5	0.231	16.4	4.4	322	126.0	10.0	17500	7.14	5000	6.93	-0.67						
N10	14-Nov-17	Surface	17X283934	<MDL	0.032	0.64			1380	<0.05	0.04	0.5	<10	<10	0.038	3.2	2.9	11	1.9	12.2	30400	7.87	19400	8.25	1.43						
N11	14-Nov-17	Surface	17X283934	<MDL	0.010	2.51			1450	<0.05	<0.03	0.6	<10	<10	0.096	2.3	2.1	63	43.1	11.7	32000	7.74	20200	20.07	-1.17						
N12	14-Nov-17	Surface	17X283934	<MDL	0.016	0.86			1480	<0.05	<0.03	0.5	<10	<10	0.032	2.0	2.1	66	6.8	12.3	32100	7.87	20500	19.85	-0.11						
N13	14-Nov-17	Surface	17X283934	<MDL	0.010	0.47			1900	<0.05	<0.03	<0.4	<10	<10	0.013	1.9	1.6	5	1.1	11.9	39900	7.90	26500	26.58	2.91						
N6	20-Nov-17	Surface	17X286136	0.020	0.023	1.43			1.1	<0.05	0.05	<0.4	<0.05	<0.05	0.024	3.9	4.0	8	13.6	11.0	20	6.98	14	0.00	2.97						
N4	20-Nov-17	Surface	17X286136	0.022	0.030	1.34			0.9	<0.05	0.07	<0.4	<0.05	<0.05	0.034	4.1	4.0	10	11.9	11.0	29	6.92	18	0.00	2.39						
N1	21-Nov-17	Surface	17X286635	0.019	0.024	1.15			1	<0.05	0.08	<0.4	0.07	<0.05	0.006	4.2	4.1	17	1.0	12.1	20	6.96	12	0.00	2.27						
N5	21-Nov-17	Surface	17X286635	0.019	0.028	1.76			0.8	<0.05	0.06	<0.4	<0.05	<0.05	0.343	4.3	4.3	201	18.1	11.9	20	7.00	16	0.00	2.63						
N7	21-Nov-17	Surface	17X286635	0.018	0.028	1.54			0.9	<0.05	0.06	<0.4	<0.05	<0.05	0.068	4.2	4.2	19	10.8	11.9	20	7.02	13	0.00	2.27						
N8	21-Nov-17	Surface	17X286635	0.022	0.043	2.31			72	<0.05	0.05	<0.4	<0.05	<0.05	0.096	4.4	4.1	85	17.6	12.3	1840	7.09	964	0.31	1.69						
N9	21-Nov-17	Surface	17X286635	0.013	0.022	1.35			451	<0.05	0.04	<0.4	<5	<5	0.067	3.5	3.6	43	20.3	11.8	10100	7.46	6000	5.55	0.70						
N10	22-Nov-17	Surface	17X287192	<MDL	<MDL	0.44			1570	<0.05	<0.03	<0.4	<10	<10	0.019	3.4	3.1	5	3.0	12.2	31900	7.75	21400	19.90	-1.09						
N11	22-Nov-17	Surface	17X287192	<MDL	0.010	0.48			1300	<0.05	<0.03	<0.4	<10	<10	0.017	2.3	4.9	3	2.3	11.7	27100	7.73	17900	16.69	-0.39						
N12	22-Nov-17	Surface	17X287192	<MDL	<MDL	0.41			1510	<0.05	<0.03	<0.4	<10	<10	0.014	2.1	4.8	2	1.1	11.4	31700	7.85	20700	19.79	-0.85						
N13	22-Nov-17	Surface	17X287192	0.012	0.016	2.39			1010	<0.05	0.04	<0.4	<10	<10	0.021	14.3	14.4	3	1.8	11.4	21600	7.58	13400	13.89	-0.64						
N1	28-Nov-17	Surface	17X289657	0.014	0.021	1.05			5	<0.05	0.05	0.6	<0.05	<0.05	0.008	3	1.7	12.4	141	11.7	7.77	46	0.00	0.24							
N4	28-Nov-17	Surface	17X289657	0.021	0.035	1.84			1	<0.05	0.05	0.7	<0.05	<0.05	0.011	16	3.3	12.2	22	7.18	11	0.00	-0.05								
N5	28-Nov-17	Surface	17X289657	0.017	0.022	1.62			0.9	<0.05	<0.03	<0.4	<0.05	<0.05	0.365	5.7	6.3	12.7	23	7.24	14	0.00	-0.11								
N6	28-Nov-17	Surface	17X289657	0.017	0.023	1.20			1	<0.05	0.05	0.6	<0.05	<0.05	0.029	5	6.7	13.2	20	7.17	10	0.00	-0.11								
N7	28-Nov-17	Surface	17X289657	0.021	0.025	1.17			1	<0.05	0.03	0.7	<0.05	<0.05	0.017	4	3.7	13.3	23	7.23	12	0.00	-0.11								
N8	28-Nov-17	Surface	17X289657	0.016	0.030	1.28			92	<0.05	0.05	0.6	<0.05	<0.05	0.028	25	10.5	13.2	2350	7.51	1260	0.89	-0.19								
N10	28-Nov-17	Surface	17X289657	<MDL	<MDL	0.41			1700	<0.05	0.03	0.6	<10	<10	0.018	5	2.4	12.9	32600	7.84	21800	20.53	-0.23								Nitrate and Nitrite RDL changed from 0.05 to 10
N12	28-Nov-17	Surface	17X289657	<MDL	<MDL	0.42			1580	<0.05	0.05	0.6	<10	<10	0.017	7	2.1	12.5	31700	7.91	21100	19.64	-1.11								
N13	28-Nov-17	Surface	17X289657	<MDL	<MDL	0.34			1930	<0.05	<0.03	0.4	<10	<10	0.018	5	0.8	12.5	37800	7.92	25500	23.88	0.45								
N1	5-Dec-17	Surface	17X291821	0.015	0.023	1.03			1.1	<0.05	0.05	0.7	<0.05	<0.05	<0.002	<2	1.5	11.8	21	7.22	11	0.00	-0.09								
N5	5-Dec-17	Surface	17X291821	0.016	0.025	1.07			1	<0.05	<0.03	0.5	<0.05	<0.05	0.004	8	3.7	11.7	21	7.11	11	0.00	-0.06								
N6	5-Dec-17	Surface	17X291821	0.020	0.034	1.30			0.9	<0.05	<0.03	0.4	<0.05	<0.05	0.024	53	10.4	12.0	26	7.16	13	0.00	-0.05								
N7	5-Dec-17	Surface	17X291821	0.017	0.025	1.12			1.2	<0.05	<0.03	2.1	<0.05	<0.05	0.004	4	2.9	12.3	29	7.13	16	0.00	-0.70								
N8	5-Dec-17	Surface	17X291821	0.016	0.022	1.21			81	<0.05	<0.03	<0.4	<0.50	<0.50	0.012	13	2.8	12.3	1940	7.28	969	0.86	-0.18								
N9																															