Methylmercury Monitoring Plan Analytics - Water April 2019

Sample Site	Sample Date	Sample Depth	Flett Work Order Number	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	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 uhmo/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	0.2	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	*Method Detection Limit (MDL)
1	14-Oct-16	Surface		16X148846		0.031				<2	<0.05	<0.05	<0.4			<0.03		5.1	5.0	<5	1.2								12.7			
2	14-Oct-16	Surface		16X148846		0.032				<2	<0.05	<0.05	<0.4			<0.03		6.6	6.1	<5	3.5								12			
3	14-Oct-16	Surface		16X148846		0.016				<2	<0.05	<0.05	<0.4			<0.03		5.3	5.1	7	4.0								12.3			
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								12.3			
4	14-Oct-16	Mid		16X148846	0.025	0.018				<2	<0.05	<0.05	<0.4			<0.03		5.2	5.0	<5	1.8								12.4			
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								12.3			
5	14-Oct-16	Surface		16X148846		0.021				<2	<0.05	<0.05	<0.4			<0.03		5.5	5.2	17	3.7								12.8			
6	14-Oct-16	Surface		16X148846		0.023				<2	<0.05	<0.05	<0.4			2.92		5.4	5.1	571	12.5								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								12.4			
8	14-Oct-16	Surface		16X148846		0.022				123	<0.05	<0.05	<0.4			<0.03		6.7	7.3	13	3.8								12.3			
9	14-Oct-16	Surface		16X148846		0.058				777	<0.05	<0.05	<0.4			<0.03		5.7	5.0	50	12.6								12.3			
10	14-Oct-16	Surface		16X148846	<MDL	<MDL				1250	<0.05	<0.05	<0.4			<0.03		3.3	3.1	8	1.2								12.3			
10	14-Oct-16	Nephloid		16X148846	<MDL	<MDL				1550	<0.05	<0.05	<0.4			<0.03		2.8	2.6	9	0.9								12.4			
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								12.5			
11	14-Oct-16	Surface		16X148846		<MDL				1970	<0.05	<0.05	<0.4			<0.03		2.4	2.0	15	1.2								13.4			
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					0.02		22	12			
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	12.5			
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	12.3			
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	11.9			
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	11.8			
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	12			
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	12.6			
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	12.4			
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	12.2			
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	12.4			
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	12.4			
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	11.9			
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	11.9			
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	12.1			
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	15.7			
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																								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																								15.70	2.62	26276	17.78	6.91	17.07	
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				15.73	2.67	26374	21.82	6.84	17.12	
11	5-Nov-16	Surface		16X157359	<MDL	<MDL		0.0000169		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	<0.05	0.9	<0.05	<0.05	0.04		5.5	5.4	<5	1.4	11.8				0.01	3.01	19	18.5	6.09	0.013	
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				0.01	2.80	21	19.5	6.36	0.013	
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		5.0	4.7	6	5.1	11.8				0.01	2.85	23	17.44	7.05	0.013	
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	235.0	11.7				0.06	0.11	128	20.75	6.5	0.081	
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	1.0	11.0				21.93	3.46	35568	14.3	7.18	23.1	Nitrate/Nitrite RDL = 1 mg/L
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				22.77	3.82	36701	13.52	7.18	23.92	Nitrate/Nitrite RDL = 1 mg/L
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				22.88	3.68	36852	13.77	7.17	21.9	Nitrate/Nitrite RDL = 1 mg/L
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				24.88	0.03	40716	17.2	6.82	26.46	Nitrate/Nitrite RDL = 1 mg/L
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	5.0	<5	1.2	12.2				0.01	3.70	21	19	5.78	0.013	
4	10-Nov-16	Surface		16X159468	0.022	0.025		0.0000049		<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.03		5.1	4.9	<5	2.6	12.5				0.01	3.94	20	16.76	6.32	0.012	
4	10-Nov-16	Mid		16X159468	0.014	0.023				<2	<0.05	<0.05	0.5	<0.05	<0.05	<0.03		5.1	4.9	<5	2.0	12.1				0.01	3.95	20	16.22	6.37	0.012	
4	10-Nov-16	Bottom		16X159468	0.014	0.030				<2	<0.05	<0.05	0.8	<0.05	<0.05	<0.03		5.0	5.0	<5	2.0	12.2				0.01	3.95	20	18.16	6.34	0.012	
5	10-Nov-16	Surface		16X159468	0.022	0.028		0.0000045		<2	<0.05	<0.05	0.6	<0.05	<0.05	0.03		5.3	5.0	<5	4.3	12.5				0.01	3.70	25	19.20	6.43	0.016	
1	14-Nov-16	Surface		16X160266	0.037	0.045		0.00001		<2	<0.05	<0.05	<0.4	0.78	<0.05	0.26		9.4	9.4	<5	1.6	12.6				0.01	-0.08	19	22.70	5.68	0.013	
4	14-Nov-16	Surface		16X160266	0.026	0.024				<2	<0.05	<0.05	0.5	<0.05	<0.05	<0.03		5.3	5.1	<5	3.1	12.1				0.01	2.27	21	19.20	5.97	0.012	
4	14-Nov-16	Mid		16X160266	0.019	0.022				<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.97		5.3	5.0	<5	2.2	12.1				0.01	2.29	21	16.90	5.96	0.012	
4	14-Nov-16	Bottom		16X160266	0.020	0.018				<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.03		5.1	5.0	<5	2.3	12.1				0.01	2.32	20	20.00	5.9	0.012	
5	14-Nov-16	Surface		16X160266	0.015	0.019		0.0000052		<2	<0.05	<0.05	0.7	<0.05	<0.05	<0.03		5.0	5.1	7	18.9	12.5				0.01	2.15	21	21.90	6.15	0.014	
7	14-Nov-16	Surface		16X160266	0.016	0.027		0.0000027		<2	<0.05	<0.05	0.4	<0.05	<0.05	<0.03		5.3	5.0	<5	9.5	12.7				0.01	2.15	22	19.70	7.14	0.014	
8	14-Nov-16	Surface		16X160266	0.024	0.032		0.0000081		34	<0.05	0.06	<0.4	<0.05	<0.05	<0.03		7.4	7.4	<5	3.8	12.6				0.49	-0.11	1015	23.50	6.25	0.660	
10	14-Nov-16	Surface		16X160266	<MDL	0.015		0.0000035		1010	<0.05	<0.05	<0.4	<0.05	<1	0.17		4.4	4.2	<5	3.5	12.2				13.64	1.08	23262	20.44	7.02	15.120	Nitrate/Nitrite RDL = 1 mg/L
10	14-Nov-16	Nephloid		16X160266	<MDL	<MDL				1060	<0.05	<0.05	<0.4	0.23	<1	1.3		4.3	4.2	<5	2.3	12.1				14.26	1.12	24089	18.59	7.00	15.740	Nitrate/Nitrite RDL = 1 mg/L
10	14-Nov-16	Below Nephloid		16X160266	<MDL	0.010				1080	<0.05	<0.05	0.7	0.25	<1	0.29		4.8	4.6	<5	1.7	12.1				14.85	1.20	24845	20.20	6.96	16.330	Nitrate/Nitrite RDL = 1 mg/L
11	14-Nov-16	Surface		16X160266	<MDL	0.010		0.0000035		2200	<0.05	<0.05	<0.4	<2.5	<2.5	0.42		2.5	2.3	10	2.0	12.3				29.11	2.29	46448	18.50	6.43	30.150	Nitrate/Nitrite RDL = 2.5 mg/L
1	17-Nov-16	Surface		16X161644	0.017	0.027		<0.0000019		<2	<0.05	<0.05	0.6	<0.05	<0.05	<0.03		8.0	6.5	11	0.9	12.4				0.01	1.65	22	19.70	6.58	0.012	
4	17-Nov-16	Surface		16X161644	0.017	0.021		<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03		6.0	5.8	<5	1.4	11.9				0.01	0.79	20	18.80	6.16	0.012	
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				0.01	0.80	20	17.76	6.16	0.013	
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	5.0	<5	1.8	12.1				0.01	0.80	22	18.30	6.11	0.014	
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				0.01	1.03	27	21.09		0.016	
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	12.0	8	3.3	12.4				0.01	0.15	17	18.9	6.41	0.011	
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	4.0	12.1				0.01	2.39	22	19.28	6.18	0.014	
4	22-Nov-16	Mid		16X163271	0.019	0.017				<2	<0.05	0.06	<0.4	<0.05	<0.05	<0.03		5.0	4.8	<5	4.1	11.9				0.01	2.39	21	17.05	6.11	0.013	
4	22-Nov-16	Bottom		16X163271	0.019	0.023				<2	<0.05	<0.05	0.5	<0.05	<0.05	<0.03		5.0	5.0	6	2.7	12.0				0.01	2.42	22	23	6.08	0.014	
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	5.0	35	7.0	12.6				0.01	2.03	26	20.32	6.51	0.016	
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				0.01	1.98	100	19.22		0.066	
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				0.41	0.21	846	20.09		0.548	
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				13.16	1.17	22656	17.68		14.61	
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				16.14	1.05	27326	16.74		17.71	
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	12.0				16.75	1.05	28642	22.3		18.43	
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				21.43	1.69	35184	22.7		22.84	Nitrate/Nitrite RDL = 1 mg/L
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	13.0				0.01	0.02	15	24.8	6.78	0.011	
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				0.01	1.41	20	18.21	6.97	0.014	
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				0.01	1.41	22	17.09	6.96	0.014	
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	12.0				0.01	1.40	21	20.68	7.1	0.013	
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				0.01	1.57	22	25.2	7.04	0.015	
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				0.01	-0.09	16	24.3	6.91	0.01	
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				0.01	0.51	21	19.2	6.95	0.014	
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				0.01	0.51	22	18.48	6.95	0.014	
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				0.01	0.55	22	25.3	6.98	0.014	
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				0.01	0.96	21	25.4	6.94	0.014	
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				0.01	1.10	23	23.3	7.13	0.015	
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				0.02	0.12	55	20.13	7.02	0.035	
10	26-Nov-16	Surface		16X164670	<MDL	<MDL		<0.0000019	<0.0000025	1190	<0.05	<0.05	<0.4	2.49	<1	0.11		2.0	1.8	5	1.5	11.9				0.01	-0.26	25926	19.88	7.33	16.71	Nitrate/Nitrite RDL = 1 mg/L
10	26-Nov-16	Nephloid		16X164670	<MDL	<MDL				1350	<0.05	<0.05	<0.4	4.6	<1	0.08		1.6	2.0	<5	1.0	11.9				0.01	1.30	30457	17.42	7.28	19.81	Nitrate/Nitrite RDL = 1 mg/L
10	26-Nov-16	Below Nephloid		16X164670	<MDL	<MDL				1530	<0.05	<0.05	<0.4	<1	<1	0.06		0.9	1.0	11	1.0	12.2				0.01	1.20	29650	22.3	7.1	24.63	Nitrate/Nitrite RDL = 1 mg/L
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				28.91	0.42	46588	23.5	7.12	30.28	Nitrate/Nitrite RDL = 2.5 mg/L
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	1.0	11.5				0.01	-0.08	18	19.15	6.67		
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				0.01	0.00	23	19.01	7.44	0.015	
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	4.0	<5	2.9	12.3				0.01	-0.11	23	21.3	7.13	0.014	
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				0.01	-0.10	21	22.15	6.74	0.015	
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	5.0	<5	1.9	12.1				0.01	-0.06	20	20.76	7.1	0.016	
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	3.0	12.8				0.01	-0.06	21	24.36	7.31		
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				0.01	0.05	25	16.62	8.19	0.016	
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				0.01	0.02	24	19.67	8.07	0.016	
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				0.01	0.00	25	21.2	7.78	0.016	
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				0.01	0.00	26	19.12	7.72	0.017	
8	11-Dec-16	Surface		16X169939	0.028	0.029		<0.0000019		17	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03		9.5	9.0	<5	1.6	13.0				0.19	-0.01	404	16.6	7.97	0.263	
10	11-Dec-16	Surface		16X169939	<MDL	0.017		<0.0000019		227	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03		6.4	6.7	<5	2.2	14.0				3.28	-0.11	6192	18.3	7.93	4.032	
11	11-Dec-16	Surface		16X169939	<MDL	<MDL		<0.0000019		2360	<0.05	<0.05	<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	
N1	20-Dec-16	Surface		16X173490	0.025	0.041		0.0000049		<2	<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	
N10	20-Dec-16	Surface		16X173490	0.012	0.018		<0.0000019		70	<0.05	0.05	1	<0.05	<0.05	<0.03		6.4	6.2	8	2.1	11.5				1.09	-0.03	2171	17.72	7.86	1.415	
N11	20-Dec-16	Surface		16X173490	<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	
N12	20-Dec-16	Surface		16X173490	<MDL	<MDL		<0.0000019		1030	<0.05	<0.05	0.4	0.76	<0.05	0.28		11.6	12.0	11	1.2	11.7				16.80		28425	15.5	7.55	18.53	
N13	20-Dec-16	Surface		16X173490	<MDL	0.012		<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	
N4	20-Dec-16	Surface		16X173490	0.011	0.018		<0.0000019		<2	<0.05	0.08	<0.4	<0.05	<0.05	<0.03		5.6	5.5	9	3.1	11.5				0.01	0.06	27	18.7	7.92	0.017	
N5	20-Dec-16	Surface		16X173490	<MDL	0.015		0.0000027		<2	<0.05	0.08	<0.4	<0.05	<0.05	<0.03		6.0	5.7	13	9.6	11.7				0.01	0.00	23	17.9	8.13	0.015	
N6	20-Dec-16	Surface		16X173490	<MDL	0.013		<0.0000019		<2	<0.05	0.09	0.5	<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		<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		<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	252	17.2	7.2	0.166	
N9	20-Dec-16	Surface		16X173490	0.012	0.021		<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		<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		<0.0000019		1700	<0.05	<0.05	0.5	1.62	<1.25	<0.03		2.5	2.2	<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		<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* measurments could not be collected
N12	20-Jan-17	Halocline		17X180270	<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* measurments could not be collected; Nitrite RDL 1.25 mg/L
N6	20-Jan-17	Surface		17X180270	0.010	0.019		<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		<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	18.5	8.41	0.246	
N8	20-Jan-17	Halocline		17X180270	<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	

Methylmercury Monitoring Plan Analytics - Water April 2019

					Laboratory Analysis																					In Situ						
Sample Site	Sample Date	Sample Depth	Flett Work Order Number	AGAT Work Order #	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	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 uhmo/cm	pH	Total Dissolved Solids (mg/L)	Salinity (ppt)	Temperature (^{o}C)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH	Total Dissolved Solids (mg/L)	Notes
				RDL	0.01*	0.01*	0.05	0.0000019	0.0000025	0.2	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	*Method Detection Limit (MDL)
N9	20-Jan-17	Surface		17X180270	<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		<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		<0.0000019		<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	137	18.6	7.45	0.087	
N10	6-Feb-17	Surface		17X184860	<MDL	0.011		<0.0000019		56	<0.05	<0.05	0.4	<0.05	0.45	<0.03		6.0	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		<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		<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		<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		<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	DO meter maybe freezing and leading to erroneous results
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				14.58	-0.12	21142	32.17*	7.69	15.66	Nitrite RDL = 1.5mg/L; DO meter maybe freezing and leading to erroneous results
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	1.0	11.5				24.88	-1.13	40880	33.79*	7.66	26.64	DO meter maybe freezing and leading to erroneous results
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				0.01	0.03	25	22.1	7.75	0.017	
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				0.01	0.00	26	23.42	7.84	0.017	
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				0.01	0.03	27	23.2	7.76	0.017	
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				0.01	-0.03	33	14.35	8.3	0.021	
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				0.13	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		<0.0000019		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		<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		<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		<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	<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				1.10	-0.06	2170	22.3	7.03	1.429	
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	6.0	14.0				1.46	-0.07	2847	14.8	7.16	1.865	
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				1.91	-0.06	3853	21.27	8	2.403	
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				19.28	0.58	31857	15.2	7.71	20.85	
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				1.68	-0.06	3293	21.7	7.9	2.132	
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				19.52	0.82	32440	12.31	7.8	21.08	Nitrite RDL = 1mg/L
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				30.24	-1.15	49077	16.57	7.79	31.91	Nitrite RDL = 2.5mg/L
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				0.01	0.01	24	20.4	7.45	0.016	
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				0.01	0.01	27	18.7	7.4	0.017	
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				0.01	0.01	28	17.9	7.3	0.018	
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	12.0				0.01	0.00	16	22.7	8.78	0.01	
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				0.19	-0.01	392	22.8	8.2	0.257	
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	5.0	9	9.1	11.5				5.85	0.76	8636	15.4	7.17	6.506	Nitrite RDL = 1mg/L
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				1.65	-0.02	3230	20.2	7.77	2.097	
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				13.54	0.88	23041	15.22	7.43	15.06	Nitrite RDL = 1.5mg/L
N1	22-Feb-17	Surface		17X189629	0.050	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				0.01	0.01	28	17.7	6.9	0.018	
N10	22-Feb-17	Surface		17X189629	<MDL	0.012		<0.0000019		50	<0.05	<0.05	<0.4	<0.05	0.37	<0.03		5.2	4.9	<5	6.0	11.6				1.02	-0.01	2100	15.7	7.04	1.338	
N10	22-Feb-17	Halocline		17X189629	0.010	0.015		<0.0000019		54	<0.05	<0.05	<0.4	<0.05	0.46	<0.03		5.5	5.4	<5	6.0	12.2				11.79	0.56	19400	12.35	6.75	13.15	
N11	22-Feb-17	Surface		17X189629	<MDL	<MDL		<0.0000019		95	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03		4.9	4.7	6	6.8	12.3				1.16	-0.06	2304	18.72	8.05	1.498	
N11	22-Feb-17	Halocline		17X189629	<MDL	<MDL		<0.0000019		912	<0.05	<0.05	<0.4	1.44	9.81	<0.03		9.2	9.4	<5	3.1	11.9				8.99	0.00	15798	16.06	7.5	10.29	
N12	22-Feb-17	Surface		17X189629	0.010	<MDL		<0.0000019		150	<0.05	<0.05	<0.4	0.15	0.7	<0.03		5.0	4.9	<5	4.6	12.5				1.57	-0.10	3032	22.3	7.44	1.997	
N12	22-Feb-17	Halocline		17X189629	0.010	0.010		<0.0000019		153	<0.05	<0.05	<0.4	0.15	0.72	<0.03		5.0	4.8	5	4.5	12.2				13.68	0.66	23191	15.76	7.18	15.3	
N13	22-Feb-17	Surface		17X189629	<MDL	0.010		<0.0000019		1590	<0.05	<0.05	<0.4	1.64	18.6	<0.03		6.1	5.8	8	0.7	12.6				21.20	-1.06	35482	18.02	8.12	23.03	
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	7.0	11.5				0.01	0.00	19	20.2	6.9	0.013	
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				0.01	0.00	19	16.1	6.47	0.013	
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				0.01	0.00	19	16.73	6.45	0.013	
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	4.0	227	66.9	11.8				0.01	0.00	20	22.4	7.08	0.013	
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				0.01	0.00	19	20.2	6.8	0.013	
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	4.0	<5	14.7	11.3				0.01	0.00	19	19.92	7.38	0.013	
N8	22-Feb-17	Surface		17X189629	0.011	0.010		0.0000034		8	<0.05	<0.05	<0.4	<0.05	0.07	<0.03		3.9	3.8	9	9.7	12.2				0.10	0.00	208	18.43	7.97	0.135	
N8	22-Feb-17	Halocline		17X189629	<MDL	0.010		0.000021		9	<0.05	<0.05	<0.4	<0.05	0.09	<0.03		4.0	4.0	<5	9.7	11.9				8.79	1.12	15343	14.13	6.99	10.02	
N9	22-Feb-17	Surface		17X189629	<MDL	<MDL		<0.0000019		51	<0.05	0.05	<0.4	<0.05	0.47	<0.03		4.2	4.2	<5	9.0	11.6				0.59	0.03	1209	18.14	7.55	0.786	
N9	22-Feb-17	Halocline		17X189629	<MDL	0.010		<0.0000019		844	<0.05	<0.05	<0.4	0.19	<0.05	<0.03		3.7	3.1	<5	2.5	11.4				11.46	0.95	19910	14.52	7	12.88	
N1	28-Feb-17	Surface		17X191581	<MDL	0.018		<0.0000019		<2	<0.05	<0.03	0.6	<0.05	<0.05	<0.03		3.8	2.8	39	4.9	11.3				0.01	0.00	18	19.2	7.16	0.012	Ammonia RDL = 0.03mg/L
N10	28-Feb-17	Surface		17X191581	0.011	0.015		<0.0000019		63	<0.05	<0.03	1.1	<0.05	<0.05	<0.03		4.3	4.0	<5	5.3	12.1				0.69	-0.03	1405	13.46	7.12	0.914	Ammonia RDL = 0.03mg/L
N10	28-Feb-17	Halocline		17X191581	0.010	0.020		<0.0000019		64	<0.05	<0.03	0.4	0.13	0.53	<0.03		4.3	4.0	6	5.5	12.6				11.06	0.38	19122	12.44	6.68	12.5	Ammonia RDL = 0.03mg/L
N4	28-Feb-17	Surface		17X191581	0.010	0.015		<0.0000019		<2	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		3.0	3.0	7	4.8	12.1				0.01	0.00	17	19.2	7.02	0.011	Ammonia RDL = 0.03mg/L
N4	28-Feb-17	Mid		17X191581	0.010	0.011		<0.0000019		<2	<0.05	<0.03	0.4	<0.05	<0.05	<0.03		3.1	3.3	<5	5.2	11.4				0.01	0.01	18	14.5	6.99	0.011	Ammonia RDL = 0.03mg/L
N4	28-Feb-17	Bottom		17X191581	0.010	0.018		<0.0000019		<2	<0.05	<0.03	0.5	<0.05	<0.05	<0.03		3.2	3.3	<5	5.2	11.8				0.01	0.01	18	15.2	7.04	0.012	Ammonia RDL = 0.03mg/L
N5	28-Feb-17	Surface		17X191581	0.013	0.142		<0.0000019		<2	<0.05	<0.03	0.7	<0.05	<0.05	<0.03		3.8	2.8	1230	635.0	12.7				0.01	0.00	21	14.41	7.78	0.014	Ammonia RDL = 0.03mg/L
N6	1-Mar-17	Surface		17X192017	0.012	0.019		<0.0000019		<2	<0.05	<0.03	0.6	<0.05	<0.05	<0.03		4.3	3.7	9	9.8	11.7				0.01	0.01	23	22.01	7.46	0.015	Ammonia RDL = 0.03mg/L
N1	7-Mar-17	Surface		17X193881	0.017	0.026		<0.0000019	<0.0000025	<2	<0.05	<0.03	0.5	<0.05	<0.05	<0.03		3.2	3.1	<5	3.2	11.6				0.01	-0.01	16		7.34	0.01	Ammonia RDL = 0.03mg/L
N10	7-Mar-17	Surface		17X193881	0.010	0.011		<0.0000019	<0.0000025	52	<0.05	<0.03	0.6	<0.05	0.5	<0.03		4.3	4.1	6	7.6	11.9				0.58	-0.04	1205	16.9	6.79	0.794	Ammonia RDL = 0.03mg/L
N10	7-Mar-17	Halocline		17X193881	0.012	0.018		<0.0000019	<0.0000025	53	<0.05	<0.03	<0.4	<0.05	0.51	<0.03		4.2	4.3	<5	7.8	12.1				16.88	1.18	26522	12.37	6.87	17.29	Ammonia RDL = 0.03mg/L
N11	7-Mar-17	Surface		17X193881	0.010	0.012		<0.0000019	<0.0000025	126	<0.05	<0.03	0.8	<0.05	<0.05	<0.03		4.2	4.0	<5	7.5	12.3				1.01	-0.10	2040	13.33	8.3	1.316	Ammonia RDL = 0.03mg/L
N11	7-Mar-17	Halocline		17X193881	<MDL	<MDL		0.0000083	<0.0000025	1300	<0.05	<0.03	0.5	<5.0	<5.0	<0.03		5.7	5.2	5	2.2	11.7				16.03	1.36	26480	11.7	7.67	17.44	Ammonia RDL = 0.03mg/L; Nitrate/Nitrite RDL = 5.0 mg/L
N12	7-Mar-17	Surface		17X193881	0.010	0.010		<0.0000019	<0.0000025	118	<0.05	<0.03	1.3	<0.05	<0.05	<0.03		4.0	4.1	<5	5.6	13.0				1.39	-0.07	2746	18.41	8	1.784	Ammonia RDL = 0.03mg/L
N12	7-Mar-17	Halocline		17X193881	<MDL	0.010		<0.0000019	<0.0000025	479	<0.05	<0.03	0.8	<2.5	<2.5	0.1		7.7	4.9	<5	3.5	12.2				16.35	0.95	27313	14.42	7.37	17.82	Ammonia RDL = 0.03mg/L; Nitrate/Nitrite RDL = 2.5 mg/L
N13	7-Mar-17	Surface		17X193881	<MDL	<MDL		<0.0000019	<0.0000025	1700	<0.05	<0.03	1	<5.0	<5.0	0.06		3.1	3.3	<5	1.7	13.0				22.31	0.37	36805	16.22	8.16	23.89	Ammonia RDL = 0.03mg/L; Nitrate/Nitrite RDL = 5.0 mg/L
N4	7-Mar-17	Surface		17X193881	0.016	0.140		0.0000049	<0.0000025	<2	<0.05	<0.03	0.4	<0.05	<0.05	1.12		3.4	3.3	1170	1510.0	12.6				0.01	0.00	6		7.46	0.004	Ammonia RDL = 0.03mg/L
N5	7-Mar-17	Surface		17X193881	0.011	0.064		<0.0000019	<0.0000025	<2	<0.05	<0.03	<0.4	<0.05	<0.05	0.88		3.3	3.6	594	462.0	12.7				0.01	0.00	4	13.77	7.34	0.003	Ammonia RDL = 0.03mg/L
N6	7-Mar-17	Surface		17X193881	0.012	0.014		<0.0000019	<0.0000025	<2	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		3.7	3.5	<5	11.4	12.0				0.01	0.02	20	17.46	7.33	0.013	Ammonia RDL = 0.03mg/L
N7	7-Mar-17	Surface		17X193881	0.010	0.029		0.0000054	<0.0000025	<2	<0.05	<0.03	0.4	0.06	<0.05	0.08		3.4	3.2	58	52.5	11.9				0.01	0.01	22	16.22	7.17	0.014	Ammonia RDL = 0.03mg/L
N8	8-Mar-17	Surface		17X194190	<MDL	0.014		0.0000031		15	<0.05	0.06	1	<0.05	<0.05	<0.03		4.0	3.7	<5	8.1	12.4				0.18	-0.01	385	16.19	8.25	0.246	Ammonia RDL = 0.03mg/L
N8	8-Mar-17	Halocline		17X194190	0.011	0.010		0.0000033		87	<0.05	<0.05	0.7	<0.05	0.71	<0.03		3.5	3.3	6	9.4	11.9				12.84	1.51	22126	10.51	7.47	14.57	Ammonia RDL = 0.03mg/L
N9	8-Mar-17	Surface		17X194190	0.010	0.016		<0.0000019		88	<0.05	<0.05	1	<0.05	<0.05	<0.03		3.5	3.0	<5	9.0	11.7				1.01	-0.08	2006	20.17	7.69	1.308	Ammonia RDL = 0.03mg/L
N9	8-Mar-17	Halocline		17X194190	<MDL	<MDL		0.0000044		1490	<0.05	<0.05	0.8	4.91	<0.05	<0.03		9.2	9.6	9	1.6	11.3				19.70	1.93	32612	10.54	7.8	21.19	Ammonia RDL = 0.03mg/L
N1	17-Mar-17	Surface		17X197298	0.011	0.018		<0.0000019		<2	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		3.7	3.4	<5	2.8	11.9				0.01	0.01	19	15.4	8.6	0.013	Ammonia RDL = 0.03mg/L
N10	17-Mar-17	Surface		17X197298	<MDL	0.022		<0.0000019		62	<0.05	<0.03	<0.4	<0.05	0.61	<0.03		4.6	4.5	<5	5.8	12.7				0.49	-0.05	887	18.85	7.07	0.65	Ammonia RDL = 0.03mg/L
N10	17-Mar-17	Halocline		17X197298	<MDL	<MDL		<0.0000019		860	<0.05	<0.03	<0.4	0.09	<5.0	<0.03		2.3	2.5	<5	2.5	12.6				17.20	1.25	27988	12.35	7.22	18.35	Ammonia RDL = 0.03mg/L
N11	17-Mar-17	Surface		17X197298	<MDL	0.023		<0.0000019		76	<0.05	<0.03	<0.4	0.12	0.56	<0.03		3.8	3.7	<5	8.9	13.0				0.75	-0.07	1531	16.03	7.73	0.995	Ammonia RDL = 0.03mg/L
N11	17-Mar-17	Halocline		17X197298	<MDL	<MDL		<0.0000019		1120	<0.05	<0.03	<0.4	0.12	<5.0	0.11		1.1	1.6	7	3.1	12.2				19.14	1.70	31576	10.78	7.22	20.58	Ammonia RDL = 0.03mg/L
N12	17-Mar-17	Surface		17X197298	<MDL	<MDL		<0.0000019		158	<0.05	<0.03	<0.4	<0.05	<0.05	0.08		4.5	4.3	<5	4.0	12.6				1.58	-0.08	3100	18.37	8.37	2.018	Ammonia RDL = 0.03mg/L
N12	17-Mar-17	Halocline		17X197298	<MDL	0.012		<0.0000019		1230	<0.05	<0.03	<0.4	0.23	<5.0	0.04		1.6	1.5	<5	2.5	12.5				20.54	1.94	33831	12.68	7.67	21.99	Ammonia RDL = 0.03mg/L
N13	17-Mar-17	Surface		17X197298	<MDL	0.010		<0.0000019		1900	<0.05	<0.03	<0.4	<0.05	<5.0	0.07		<0.5	<0.5	7	1.2	12.1				23.98	-1.11	39562	9.85	7.36	25.77	Ammonia RDL = 0.03mg/L
N4	17-Mar-17	Surface		17X197298	0.015	0.023		<0.0000019		<2	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		3.9	4.1	6	13.6	12.7				0.01	0.01	20	13.2	7.62	0.012	Ammonia RDL = 0.03mg/L
N4	17-Mar-17	Mid		17X197298	0.011	0.016		<0.0000019		<2	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		3.9	3.7	<5	9.6	12.2				0.01	0.00	20	13.24	7.7	0.013	Ammonia RDL = 0.03mg/L
N4	17-Mar-17	Bottom		17X197298	0.010	0.022		<0.0000019		<2	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		4.0	3.8	<5	10.4	12.7				0.01	0.00	24	14.31	7.9	0.016	Ammonia RDL = 0.03mg/L
N5	17-Mar-17	Surface		17X197298	<MDL	0.016		<0.0000019		<2	<0.05	<0.03	<0.4	<0.05	<0.05	0.08		3.8	3.6	28	55.2	13.1				0.01	0.00	3	29.32	6.89	0.002	Ammonia RDL = 0.03mg/L
N6	17-Mar-17	Surface		17X197298	0.015	0.031		<0.0000019		<2	<0.05	<0.03	0.5	<0.05	<0.05	0.09		4.3	4.4	5	10.0	13.0				0.01	0.01	17	26.13	8.66	0.011	Ammonia RDL = 0.03mg/L
N7	17-Mar-17	Surface		17X197298	0.012	0.021		<0.0000019		<2	<0.05	<0.03	<0.4	<0.05	<0.05	0.1		3.9	3.6	21	13.4	13.1				0.00	0.01	13	22.5	7.36	0.008	Ammonia RDL = 0.03mg/L
N1	22-Mar-17	Surface		17X198584	0.010	0.014		<0.0000019		<2	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		3.4	3.1	14	2.9	13.8				0.01	0.08	20	19.7	9.1	0.013	
N10	22-Mar-17	Surface		17X198584	0.010	0.013		<0.0000019		64	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		4.5	4.6	<5	4.1	14.0				0.68	0.01	1389	15.25	7.1	0.904	
N10	22-Mar-17	Halocline		17X198584	<MDL	<MDL		<0.0000019		1120	<0.05	<0.03	<0.4	<2.50	<2.50	0.31		4.5	4.6	<5	2.2	13.4				9.96	0.32	17201	12.39	6.66	11.31	Nitrate/Nitrite RDL = 2.5 mg/L
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	
N11	22-Mar-17	Halocline		17X198584	<MDL	<MDL		<0.0000019		1470	<0.05	<0.03	<0.4	<5.0	<5.0	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		3.5	3.6	<5	3.8	13.8				1.62	-0.11	3171	19.8	8.26	1.62	Nitrate/Nitrite MDL = 0.5 mg/L
N12	22-Mar-17	Halocline		17X198584	<MDL	0.010		<0.0000019		1160	<0.05	<0.03	<0.4	<5.0	<5.0	<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																						0.00	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	0.8		3.2	3.0	700	674.0	13.9				0.00	0.05	4	17.6	7.75	0.002	
N6	22-Mar-17	Surface		17X198584	0.020	0.030		<0.0000019		3	<0.05	<0.03	<0.4	0.08	<0.05	0.21		5.2	5.1	8	8.8	14.3				0.00	0.02		11.69	7.28		Meter freezing (no conductivity/TDS value obtained)
N7	22-Mar-17	Surface		17X198584	0.013	0.148		<0.0000019		<2	<0.05	<0.03	<0.4	<0.05	<0.05	1.21		3.6	3.2	1570	695.0	13.1				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	<5.0	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																						0.01	-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	<5.0	<5.0	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	<5.0	<5.0	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	<10.0	<10.0	<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	<5.0	<5.0	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	<0.03	0.8	<5.0	<5.0	<0.03		1.1	1.1	6	2.8	11.2				5.36	-0.32	12030	10.79	6.99	7.944	Nitrate/Nitrite MDL = 5.0 mg/L

Methylmercury Monitoring Plan Analytics - Water April 2019

					Laboratory Analysis																					In Situ						
Sample Site	Sample Date	Sample Depth	Flett Work Order Number	AGAT Work Order #	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	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 uhmo/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
				RDL	0.01*	0.01*	0.05	0.0000019	0.0000025	0.2	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	*Method Detection Limit (MDL)
N12	6-Apr-17	Surface		17X203307	<MDL	<MDL		<0.0000019		109	<0.05	<0.03	0.5	<0.05	<0.05	<0.03		3.7	3.6	8	3.3	11.5				1.65	-0.19	3053	12.16	8.6	1.955	
N12	6-Apr-17	Halocline		17X203307	<MDL	<MDL		<0.0000019		1330	<0.05	<0.03	0.6	<5.0	<5.0	0.05		1.1	1.1	10	1.5	10.4				10.57	0.51	17700	10.46	7.68	11.34	Nitrate/Nitrite MDL = 5.0 mg/L
N13	6-Apr-17	Surface		17X203307	<MDL	0.010		<0.0000019		1560	<0.05	<0.03	0.6	<5.0	<5.0	<0.03		1.1	0.8	<5	1.7	13.5				21.57	-0.54	34220		8.4	22.02	Nitrate/Nitrite MDL = 5.0 mg/L
N4	6-Apr-17	Surface		17X203307	0.020	0.030		<0.0000019		<2	<0.05	<0.03	0.6	<0.05	<0.05	0.08		4.5	4.2	6	9.0	11.7				0.00	-0.11	21	11.11	7.88	0.0136	
N4	6-Apr-17	Mid		17X203307	0.013	0.013		<0.0000019		<2	<0.05	<0.03	0.4	<0.05	<0.05	<0.03		3.8	3.7	5	4.1	11.7				0.00	-0.11	19	11.15	7.95	0.0113	
N4	6-Apr-17	Bottom		17X203307	0.013	0.010		<0.0000019		<2	<0.05	<0.03	0.6	0.07	<0.05	0.03		4.1	3.8	<5	4.8	11.3				0.00	-0.11	19	11.08	8.05	0.0122	
N5	6-Apr-17	Surface		17X203307	0.010	0.018		<0.0000019		<2	<0.05	<0.03	0.6	0.07	<0.05	0.11		4.0	3.7	50	31.4	11.5				0.00	-0.12	18	12.51	7.85	0.0113	
N6	6-Apr-17	Surface		17X203307	0.014	0.017		<0.0000019		<2	<0.05	<0.03	0.8	0.06	<0.05	0.21		3.8	4.2	12	13.6	12.4				0.00	-0.11	14	12.66	7.87	0.0091	
N7	6-Apr-17	Surface		17X203307	0.011	0.014		<0.0000019		<2	<0.05	<0.03	0.4	0.08	<0.05	0.16		4.1	4.0	88	16.9	12.2				0.00	-0.11	18	12.54	7.8	0.0117	
N8	7-Apr-17	Surface		17X203938	0.013	0.018		<0.0000019		17	<0.05	<0.03	0.5	<0.05	<0.05	0.19		4.1	3.8	7	7.7	10.9				0.19	-0.13	387	12.6	7.92	0.2474	
N8	7-Apr-17	Halocline		17X203938	0.010	0.016		<0.0000019		61	<0.05	<0.03	1.1	<0.05	<0.05	0.37		4.0	4.0	5	8.9	11.5				0.56	-0.14	1038	12.68	7.51	0.668	
N9	7-Apr-17	Surface		17X203938	0.010	0.013		<0.0000019		156	<0.05	<0.03	0.5	<0.05	<0.05	<0.03		5.1	4.6	8	6.7	11.6				1.38	-0.07	2606	12.24	7.65	1.643	
N9	7-Apr-17	Halocline		17X203938	0.010	0.010		<0.0000019		766	<0.05	<0.03	0.5	<5.0	<5.0	0.04		3.0	3.5	7	4.4	11.7				5.43	0.39	9618	11.5	7.04	6.153	Nitrate/Nitrite MDL = 5.0 mg/L
N1	11-Apr-17	Surface		17X204687	0.010	0.019		<0.0000019		<2	<0.05	<0.03	0.8	<0.05	<0.05	0.14		4.9	4.1	<5	1.1	11.6				0.01	3.66	44	16.02	8.66	0.027	
N4	11-Apr-17	Surface		17X204687	0.040	0.076		<0.0000019		<2	<0.05	0.04	1.7	0.09	<0.05	0.09		4.1	3.7	<5	3.4	12.3				0.01	-0.08	20	13.58	7.27	0.013	
N4	11-Apr-17	Mid		17X204687	0.012	0.022		<0.0000019		<2	<0.05	<0.03	2.4	0.07	<0.05	0.15		4.1	4.2	<5	5.1	11.4				0.01	-0.08	20	13.56	7.29	0.013	
N4	11-Apr-17	Bottom		17X204687	0.011	0.017		<0.0000019		<2	<0.05	<0.03	<0.4	<0.05	<0.05	0.13		4.2	4.3	<5	5.0	11.5				0.01	-0.07	19	20.22	7.97	0.013	
N5	11-Apr-17	Surface		17X204687	0.020	0.037		<0.0000019		<2	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		3.4	3.3	67	40.2	12.5				0.01	-0.07	20	19.55	7.96	0.013	
N6	11-Apr-17	Surface		17X204687	0.012	0.019		<0.0000019		<2	<0.05	<0.03	<0.4	0.07	<0.05	0.13		3.9	3.8	<5	10.8	12.2				0.01	-0.07	23	17.74	8.47	0.015	
N7	11-Apr-17	Surface		17X204687	0.021	0.036		<0.0000019		<2	<0.05	<0.03	<0.4	<0.05	<0.05	0.04		3.5	3.1	14	11.6	12.1				0.01	-0.09	22	11.33	7.66	0.014	
N10	12-Apr-17	Surface		17X205156	<MDL	0.014		<0.0000019		65	<0.05	<0.03	1.2	<0.05	<0.05	<0.03		5.7	5.5	<5	4.4	11.4				0.82	-0.11	1659	16.25	7.95	1.077	
N10	12-Apr-17	Halocline		17X205156	<MDL	<MDL		<0.0000019		1060	<0.05	<0.03	0.6	<0.05	<5.00	0.2		3.0	2.3	<5	1.3	11.4				14.66	0.84	24740	12.53	7.31	16.2	
N11	12-Apr-17	Surface		17X205156	<MDL	0.011		<0.0000019		80	<0.05	<0.03	0.9	<0.05	<0.05	<0.03		4.5	5.0	<5	6.3	12.1				0.95	-0.12	1905	18.45	8.21	1.238	
N11	12-Apr-17	Halocline		17X205156	<MDL	<MDL		<0.0000019		740	<0.05	<0.03	0.8	<0.05	<5.00	<0.03		3.5	3.6	<5	3.6	11.2				16.44	1.31	27653	11.9	7.46	18.01	
N12	12-Apr-17	Surface		17X205156	<MDL	0.011		<0.0000019		105	<0.05	<0.03	1	<0.05	<0.05	0.15		5.2	5.1	<5	4.4	11.8				1.25	-0.12	2483	19.78	8.14	1.615	
N12	12-Apr-17	Halocline		17X205156	<MDL	<MDL		<0.0000019		1090	<0.05	<0.03	1.1	<0.05	<5.00	<0.03		2.4	2.4	<5	2.6	10.9				20.64	1.65	33965	13.11	7.57	22.08	
N13	12-Apr-17	Surface		17X205156	<MDL	<MDL		<0.0000019		1840	<0.05	<0.03	0.9	<5.00	<5.00	<0.03		1.3	1.1	12	0.8	11.2				23.30	-0.94	38618	16.52	7.64	25.09	Nitrate/Nitrite MDL = 5.0 mg/L
N8	12-Apr-17	Surface		17X205156	<MDL	0.010		<0.0000019		9	<0.05	<0.03	<0.4	<0.05	<0.05	0.08		4.4	4.2	11	20.5	12.5				0.12	-0.08	251	16.69	8.34	0.165	
N8	12-Apr-17	Halocline		17X205156	<MDL	0.010		<0.0000019		133	<0.05	<0.03	<0.4	0.12	<0.05	<0.03		4.6	4.5	<5	6.0	12.1				9.01	1.02	16580	13.22	7.22	10.32	
N9	12-Apr-17	Surface		17X205156	0.017	0.051		<0.0000019		68	<0.05	<0.03	0.6	0.06	<0.05	0.19		2.9	2.8	<5	1.7	12.2				1.76	-0.07	3443	16.85	7.72	2.237	
N9	12-Apr-17	Halocline		17X205156	<MDL	<MDL		<0.0000019		985	<0.05	<0.03	0.4	<0.05	<5.00	0.2		10.2	6.3	8	3.2	11.9				12.97	1.08	22198	12.81	7.24	14.44	
N1	18-Apr-17	Surface		17X206489	0.010	0.015		<0.0000019		<2	<0.05	<0.03	0.5	<0.05	<0.05	<0.03		4.5	4.4	<3	0.6	12.2				0.00	-0.04	21	16.2	8.72	0.014	TSS MDL = 3.0mg/L
N10	18-Apr-17	Surface		17X206489	<MDL	0.020		<0.0000019		61	<0.05	<0.03	0.6	<0.05	<0.05	<0.03		5.4	5.1	<3	5.5	12.9				0.55	-0.16	1134	11.02	7.3	0.739	TSS MDL = 3.0mg/L
N10	18-Apr-17	Halocline		17X206489	<MDL	<MDL		<0.0000019		67	<0.05	<0.03	0.5	<0.05	<0.05	<0.03		5.6	5.3	<3	4.3	12.8				17.81	1.16	29874	9.93	6.56	19.35	TSS MDL = 3.0mg/L
N11	18-Apr-17	Surface		17X206489	0.010	<MDL		<0.0000019		79	<0.05	<0.03	0.5	<0.05	<0.05	<0.03		4.7	4.4	<3	5.5	13.0				0.88	-0.17	1778	15.98	8.2	1.156	TSS MDL = 3.0mg/L
N11	18-Apr-17	Halocline		17X206489	0.010	<MDL		<0.0000019		303	<0.05	<0.03	0.4	<0.05	<0.05	<0.03		4.8	4.8	4	4.3	12.7				16.11	1.21	27078	12.22	7.36	17.62	TSS MDL = 3.0mg/L
N12	18-Apr-17	Surface		17X206489	<MDL	0.041		<0.0000019		103	<0.05	<0.03	0.5	<0.05	<0.05	<0.03		4.8	4.6	<3	3.6	12.7				1.32	-0.18	2622	15.03	8.23	1.703	TSS MDL = 3.0mg/L
N12	18-Apr-17	Halocline		17X206489	<MDL	<MDL		<0.0000019		1430	<0.05	<0.03	0.4	<5.00	<5.00	<0.03		9.4	4.6	8	2.0	12.2				16.48	0.91	27618	11.39	7.51	17.98	TSS MDL = 3.0mg/L; Nitrate/Nitrite MDL = 5.0 mg/L
N13	18-Apr-17	Surface		17X206489	<MDL	<MDL		<0.0000019		1760	<0.05	<0.03	0.5	<5.00	<5.00	<0.03		4.6	2.6	5	1.5	13.0				20.87	0.34	34425	10.71	8.15	22.52	TSS MDL = 3.0mg/L; Nitrate/Nitrite MDL = 5.0 mg/L
N4	18-Apr-17	Surface		17X206489	0.018	0.019		<0.0000019		<2	<0.05	<0.03	0.5	<0.05	<0.05	<0.03		4.8	5.0	<3	8.0	12.4				0.00	-0.09	32	14.62	7.8	0.021	TSS MDL = 3.0mg/L
N4	18-Apr-17	Mid		17X206489	0.014	0.010		<0.0000019		<2	<0.05	<0.03	0.8	<0.05	<0.05	<0.03		4.6	4.4	4	5.8	12.3				0.00	-0.10	19	13.02	7.54	0.013	TSS MDL = 3.0mg/L
N4	18-Apr-17	Bottom		17X206489	0.010	0.014		<0.0000019		<2	<0.05	<0.03	0.4	<0.05	<0.05	<0.03		4.6	4.5	3	5.3	12.5				0.00	-0.10	19	13.27	7.53	0.013	TSS MDL = 3.0mg/L
N5	18-Apr-17	Surface		17X206489	0.018	0.031		<0.0000019		<2	<0.05	<0.03	<0.4	<0.05	<0.05	0.22		4.4	4.2	4	117.0	13.1				0.00	-0.09	14	17.3	7.3	0.011	TSS MDL = 3.0mg/L
N6	18-Apr-17	Surface		17X206489	0.011	0.011		<0.0000019		<2	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		4.3	4.4	24	15.2	12.3				0.00	-0.06	35	13.23	7.47	0.023	TSS MDL = 3.0mg/L
N7	18-Apr-17	Surface		17X206489	0.015	0.011		<0.0000019		<2	<0.05	<0.03	0.6	<0.05	<0.05	0.05		4.3	4.3	39	29.7	12.9				0.00	-0.09	23	15.72	7.59	0.015	TSS MDL = 3.0mg/L
N8	19-Apr-17	Surface		17X206885	0.010	0.020		<0.0000019		10	<0.05	<0.03	<0.4	<0.05	<0.05	0.04		5.9	4.4	15	11.8	11.9				0.12	-0.11	266	16.96	8.55	0.172	TSS MDL = 3.0mg/L
N8	19-Apr-17	Halocline		17X206885	<MDL	0.018		<0.0000019		1210	<0.05	<0.03	<0.4	<5.00	<5.00	0.17		3.1	3.6	<3	3.0	11.4				9.06	0.95	15822	13.17	7.2	10.33	TSS MDL = 3.0mg/L; Nitrate/Nitrite MDL = 5.0 mg/L
N9	19-Apr-17	Surface		17X206885	0.010	0.020		<0.0000019		130	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		4.7	4.6	<3	4.9	11.8				1.59	-0.13	3123	14.03	7.52	2.032	TSS MDL = 3.0mg/L
N9	19-Apr-17	Halocline		17X206885	<MDL	0.010		<0.0000019		1120	<0.05	<0.03	<0.4	<0.05	<5.00	0.04		5.8	3.3	4	1.9	11.5				11.02	0.85	19108	11.1	6.96	12.43	TSS MDL = 3.0mg/L
N1	25-Apr-17	Surface		17X208598	0.020	0.019		<0.0000019		<2	<0.05	<0.03	0.5	0.05	<0.05	0.04		4.3	3.5	<3	1.2	11.3				0.00	-0.06	20	12.53	8.11	0.013	TSS MDL = 3.0mg/L
N10	25-Apr-17	Surface		17X208598	<MDL	<MDL		<0.0000019		1320	<0.05	<0.03	0.9	<0.05	<5.00	0.13		0.9	0.8	<3	1.2	11.2				0.86	-0.16	1729	14.98	7.16	1.125	TSS MDL = 3.0mg/L
N10	25-Apr-17	Halocline		17X208598	0.010	0.010		<0.0000019		70	<0.05	<0.03	0.8	<0.05	<0.05	<0.03		4.6	4.4	<3	3.2	11.0				13.78	0.64	23415	11.15	6.94	15.28	TSS MDL = 3.0mg/L
N11	25-Apr-17	Surface		17X208598	0.010	0.010		<0.0000019		83	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		3.8	3.7	<3	4.0	12.3				1.03	-0.23	2071	15.12		1.346	ph Probe malfunction; TSS MDL = 3.0mg/L
N11	25-Apr-17	Halocline		17X208598	<MDL	<MDL		<0.0000019		1450	<0.05	<0.03	0.5	<5.00	<5.00	0.03		0.8	0.5	4	1.2	10.7				12.56	0.67	21732	12.64		14.06	ph Probe malfunction; TSS MDL = 3.0mg/L; Nitrate/Nitrite MDL = 10.0 mg/L
N12	25-Apr-17	Surface		17X208598	0.022	0.048		<0.0000019		121	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		4.0	3.8	<3	3.2	12.0				1.56	0.03	3060	14.83		1.99	ph Probe malfunction; TSS MDL = 3.0mg/L
N12	25-Apr-17	Halocline		17X208598	<MDL	<MDL		<0.0000019		1550	<0.05	<0.03	<0.4	<10.0	<10.0	0.13		0.8	0.5	<3	1.0	11.1				18.29	1.22	31050	11.35		19.9	ph Probe malfunction; TSS MDL = 3.0mg/L; Nitrate/Nitrite MDL = 10.0 mg/L
N13	25-Apr-17	Surface		17X208598	<MDL	0.010		<0.0000019		1810	<0.05	0.18	0.5	<10.0	<10.0	0.24		1.4	0.8	11	1.8	11.6				23.67	7.00	37725	12.75	7.82	24.52	TSS MDL = 3.0mg/L; Nitrate/Nitrite MDL = 10.0 mg/L
N4	25-Apr-17	Surface		17X208598	0.010	0.027		<0.0000019		<2	<0.05	<0.03	0.7	0.11	<0.05	<0.03		3.5	3.6	4	7.5	11.8				0.00	-0.16	19	13.58	7.89	0.012	TSS MDL = 3.0mg/L
N4	25-Apr-17	Mid		17X208598																						0.00	-0.17	19	11.76	7.55	0.012	TSS MDL = 3.0mg/L
N4	25-Apr-17	Bottom		17X208598	0.015	0.015		<0.0000019		<2	<0.05	<0.03	<0.4	<0.05	<0.05	0.06		3.6	3.4	5	8.1	11.8				0.00	-0.17	18	12.02	7.6	0.012	TSS MDL = 3.0mg/L
N5	25-Apr-17	Surface		17X208598	0.010	0.024		<0.0000019		<2	<0.05	<0.03	0.5	<0.05	<0.05	<0.03		2.8	2.6	28	19.8	11.7				0.00	-0.14	25	13.23	7.7	0.016	TSS MDL = 3.0mg/L
N6	25-Apr-17	Surface		17X208598	0.010	0.016		<0.0000019		<2	<0.05	<0.03	<0.4	<0.05	<0.05	0.12		3.3	3.6	19	14.1	12.5				0.00	-0.15	21	14.93	7.61	0.013	TSS MDL = 3.0mg/L
N7	25-Apr-17	Surface		17X208598	<MDL	0.018		<0.0000019		<2	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		3.7	3.5	6	10.9	12.1				0.00	-0.15	22	14.43	7.44	0.014	TSS MDL = 3.0mg/L
N8	26-Apr-17	Surface		17X209074	0.012	0.016		<0.0000019		10	<0.05	<0.03	0.8	<0.05	<0.05	<0.03		4.2	4.2	7	8.2	11.8				0.13	-0.15	267	15.7		0.174	ph Probe malfunction; TSS MDL = 3.0mg/L
N8	26-Apr-17	Halocline		17X209074	0.011	0.016		<0.0000019		165	<0.05	<0.03	<0.4	<0.05	<0.05	0.05		4.8	4.7	5	6.7	11.9				10.02	0.74	17157	12.83		11.32	ph Probe malfunction; TSS MDL = 3.0mg/L
N9	26-Apr-17	Surface		17X209074	0.012	0.017		<0.0000019		114	<0.05	<0.03	<0.4	<0.05	<0.05	0.04		4.5	4.4	<3	3.8	11.6				1.68	-0.22	3260	16.3		2.138	ph Probe malfunction; TSS MDL = 3.0mg/L
N9	26-Apr-17	Halocline		17X209074	<MDL	0.010		<0.0000019		663	<0.05	<0.03	<0.4	<0.05	<5.00	0.12		3.8	3.8	7	3.7	11.0				10.35	0.67	16742	12.93		9.476	ph Probe malfunction; TSS MDL = 3.0mg/L
N1	2-May-17	Surface		17X211188	0.010	0.010		<0.0000019		<2	<0.05	<0.03	0.5	<0.05	<0.05	0.04		4.6	4.3	<3	0.6	11.3	22	7.25	10	0.00	3.90					
N4	2-May-17	Surface		17X211188	0.015	0.031		<0.0000019		<2	<0.05	<0.03	0.4	0.09	<0.05	<0.03		3.9	3.7	7	9.1	11.4	19	7.03	9	0.00	-0.08					
N4	2-May-17	Mid		17X211188	0.010	0.017		<0.0000019		<2	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		4.5	4.3	3	9.8	11.4	22	7.12	10	0.00	-0.10					
N4	2-May-17	Bottom		17X211188	0.010	0.012		<0.0000019		<2	<0.05	<0.03	<0.4	<0.05	<0.05	0.05		4.5	4.3	5	9.0	11.0	22	7.12	10	0.00	-0.09					
N5	2-May-17	Surface		17X211188	0.010	0.017		<0.0000019		<2	<0.05	<0.03	0.7	0.06	<0.05	<0.03		3.5	3.4	10	13.0	11.4	19	7.05	9	0.00	-0.07					
N6	3-May-17	Surface		17X211188	0.012	0.010		<0.0000019		<2	<0.05	<0.03	0.4	<0.05	<0.05	0.2		4.0	3.8	17	21.5	10.9	23	7.30	12	0.00	-0.10					
N7	2-May-17	Surface		17X211188	0.023	0.016		<0.0000019		<2	<0.05	<0.03	<0.4	<0.05	<0.05	0.06		4.0	4.0	4	9.6	11.5	23	7.11	11	0.00	-0.10					
N8	2-May-17	Surface		17X211188	<MDL	0.010		<0.0000019		4	<0.05	<0.03	<0.4	<0.05	<0.05	0.08		4.1	4.1	<3	3.0	11.5	120	6.81	56	0.06	0.10					
N8	2-May-17	Halocline		17X211188	0.013	0.010		<0.0000019		45	<0.05	<0.03	0.4	<0.05	<0.05	<0.03		4.4	4.4	<3	6.7	11.5	1220	7.18	626	6.39	0.55					
N9	2-May-17	Surface		17X211188	0.010	0.025		<0.0000019		147	<0.05	<0.03	1.2	<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
N9	2-May-17	Halocline		17X211188	0.010	0.010		<0.0000019		894	<0.05	<0.03	0.4	<5.00	<5.00	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	Surface		17X211188	0.012	0.013		<0.0000019		78	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		5.3	5.2	<3	3.0	11.0	1990	7.39	1040	1.03	-0.08					Nitrate/Nitrite RDL = 10 mg/
N10	2-May-17	Halocline		17X211188	<MDL	<MDL		<0.0000019		1180	<0.05	<0.03	0.5	<10.0	<10.0	0.07		2.4	2.3	<3	0.7	10.4	27200	7.80	17700	8.73	0.24					Nitrate/Nitrite RDL = 10 mg/
N11	2-May-17	Surface		17X211188	<MDL	<MDL		<0.0000019		145	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		5.1	4.9	46	4.1	11.0	3910	7.53	2160	2.09	-0.17					Nitrate/Nitrite RDL = 10 mg/
N11	2-May-17	Halocline		17X211188	<MDL	<MDL		<0.0000019		1020	<0.05	<0.03	0.8	<10.0	<10.0	<0.03		2.5	2.3	4	1.3	10.5	23400	7.81	14700	14.39	0.90					Nitrate/Nitrite RDL = 10 mg/
N12	2-May-17	Surface		17X211188	0.010	<MDL		<0.0000019		104	<0.05	<0.03	0.8	<0.05	<0.05	<0.03		4.7	4.6	<3	2.3	11.2	2940	7.50	1540	1.54	-0.14					Nitrate/Nitrite RDL = 10 mg/
N12	2-May-17	Halocline		17X211188	<MDL	<MDL		<0.0000019		1120	<0.05	<0.03	<0.4	<10.0	<10.0	0.07		2.3	2.1	5	1.4	11.0	25600	7.84	16900	15.23	0.80					Nitrate/Nitrite RDL = 10 mg/
N13	2-May-17	Surface		17X211188	<MDL	<MDL		<0.0000019		1740	<0.05	<0.03	<0.4	<10.0	<10.0	0.08		1.7	1.7	6	0.7	11.6	38600	8.11	25800	25.04	1.19					Nitrate/Nitrite RDL = 10 mg/
N1	11-May-17	Surface		17X214418	0.021	0.020		<0.0000019		<2	<0.05	<0.03	0.9	<0.05	<0.05	<0.03		7.1	6.7	<5	1.2	10.5	19	6.84	9	0.00	1.98					
N4	11-May-17	Surface		17X214418	0.010	0.029		<0.0000019		<2	<0.05	<0.03	0.4	<0.05	<0.05	0.07		4.6	4.5	9	11.8	10.8	14	6.68	5	0.00	-0.06					
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		6.9	6.6	14	19.1	10.6	21	6.82	11	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		6.9	6.5	14	20.8	10.6	21	6.84	11	0.00	-0.04					
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		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		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		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		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		3.0	2.9	5	2.0	10.1	21800	7.57	13100	18.02	1.10					Nitrate/Nitrite RDL = 5.0 mg/L
N11	11-May-17	Surface		17X214418	<MDL	<MDL		<0.0000019		4	<0.05	0.04	<0.4	<0.05	<0.05	<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		2.4	2.3	5	1.4	10.2	29300	7.70	18500	18.12	0.87					Nitrate/Nitrite RDL = 5.0 mg/L
N12	11-May-17	Surface		17X214418	0.010	<MDL		<0.0000019		11	<0.05	0.04	0.4	0.08	<0.05	0.08		0.8	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		2.6	2.6	<5	0.9	10.8	28300	7.71	17700	18.55	0.87					Nitrate/Nitrite RDL = 5.0 mg/L
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		15.0	14.5	10	5.8	10.6	18300	7.41	10700	24.16	1.25					Nitrate/Nitrite RDL = 5.0 mg/L
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		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		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		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		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	0.1	<0.05	<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		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		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		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		7.3	7.1	94	71.6	10.6	16	6.86	17	0.00	0.46					
N6	16-May-17	Surface		17X215940	<MDL	0.021		<0.0000019		<2	<0.05	<0.03	0.5	<0.05	<0.05	0.06		7.6	7.3	77	77.7	10.0	17	6.94	16	0.00	0.01					
N7	16-May-17	Surface		17X215940	<MDL	0.018		<0.0000019		<2	<0.05	<0.03	<0.4	<0.05	<0.05	0.18		7.4	6.9	128	61.2	10.7	17	6.85	19	0.00	-0.08					
N8	16-May-17	Surface		17X215940	<MDL	0.023		<0.0000019		3	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		7.3	6.8	10	28.9	11.2	92	6.64	47	0.04	0.15					
N8	16-May-17	Halocline		17X215940	0.010	0.010		<0.0000019		77	<0.05	<0.03	0.4	<0.05	0.44	0.05		7.7	7.4	27	38.5	11.2	1970	6.84	1020	7.93	0.66					
N9	16-May-17	Surface		17X215940	<MDL	0.015		<0.0000019		47	<0.05	<0.03	<0.4	<0.05	<0.05	0.04		7.7	6.8	<5	4.7	10.9	1240	6.94	644	0.60	1.06					
N9	16-May-17	Halocline		17X215940	<MDL	0.010		<0.0000019		744	<0.05	<0.03	0.4	<0.05	<2.50	<0.03		6.2	6.0	16	18.6	11.0	15700	7.49	8990	10.30	0.71					
N10	16-May-17	Surface		17X215940	<MDL	0.014		<0.0000019		70	<0.05	<0.03	0.5	<0.05	<0.05	<0.03		5.4	4.9	<5	3.0	11.0	1750	7.20	937	0.85	0.48					
N10	16-May-17	Halocline		17X215940	<MDL	<MDL		<0.0000019		1110	<0.05	<0.03	<0.4	<0.05	<5.00	<0.03		2.9	2.8	<5	1.6	10.4	24400	7.65	15300	12.38	0.62					
N11	16-May-17	Surface		17X215940	<MDL	<MDL		<0.0000019		8	<0.05	<0.03	0.4	<0.05	0.09	0.56		0.9	0.7	<5	0.9	11.0	268	6.50	551	0.22	0.26					
N11	16-May-17	Halocline		17X215940	<MDL	<MDL		<0.0000019		1010	<0.05	<0.03	0.5	0.06	<5.00	<0.03		2.5	2.6	<5	1.7	10.6	22200	7.63	14100	12.28	0.99					
N12	16-May-17	Surface		17X215940	<MDL	0.010		<0.0000019		40	<0.05	<0.03	<0.4	<0.05	<0.05	0.3		1.6	1.5	<5	2.1	11.0	1020	6.96	548	0.05	0.01					
N12	16-May-17	Halocline		17X215940	<MDL	<MDL		<0.0000019		136	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		4.6	4.4	<5	2.2	11.3	3460	7.24	1870	15.22	0.86					
N13	16-May-17	Surface		17X215940	<MDL	0.020		<0.0000019		1520	<0.05	<0.03	0.4	<10.0	<10.0	0.16		3.9	3.8	10	4.3	11.0	31900	7.83	10500	19.75	1.96					
N1	7-Jun-17	Surface		17X223684	<MDL	0.021		<0.0000019	<0.0000025	<2	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		7.3	7.4	<5	1.3	11.6	16	6.95	7	0.00	8.35					
N4	7-Jun-17	Surface		17X223684	0.017	0.064		0.0000021	0.0000026	<2	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		9.3	8.4	<5	5.7	11.8	18	6.74	6	0.00	6.39					
N4	7-Jun-17	Mid		17X223684	<MDL	0.025		<0.0000019	<0.0000025	<2	<0.05	<0.03	<0.4	<0.05	<0.05	0.12		9.0	8.9	<5	5.6	11.5	15	6.74	4	0.00	6.32					
N4	7-Jun-17	Bottom		17X223684	<MDL	0.027		0.0000048	<0.0000025	<2	<0.05	<0.03	<0.4	<0.05	<0.05	0.07		8.7	7.0	<5	5.6	11.6	15	6.80	4	0.00	6.31					
N5	7-Jun-17	Surface		17X223684	0.010	0.020		<0.0000019	<0.0000025	<2	<0.05	<0.03	<0.4	<0.05	<0.05	0.04		9.1	8.2	26	27.2	12.0	15	6.75	6	0.00	5.75					
N6	7-Jun-17	Surface		17X223684	0.010	0.028		0.0000026	0.000003	<2	<0.05	0.03	<0.4	<0.05	<0.05	<0.03		7.2	7.4	11	12.8	12.0	15	6.82	5	0.00	6.81					
N7	7-Jun-17	Surface		17X223684	<MDL	0.019		0.0000073	<0.0000025	<2	<0.05	<0.03	0.4	<0.05	<0.05	<0.03		8.4	8.1	13	13.4	12.0	21	6.81	7	0.00	6.00					
N13	7-Jun-17	Surface		17X223684	<MDL	0.010		0.0000026	<0.0000025	1650	<0.05	<0.03	0.6	<5.00	<5.00	0.03		5.0	3.9	8	1.8	11.6	30100	8.00	22100	18.69	12.04					
N1	14-Jun-17	Surface		17X226322	0.010	0.028		<0.0000019		<2	<0.05	<0.03	<0.4	<0.05	<0.05	0.13		8.4	8.1	<5	1.6	11.4	19	6.92	8	0.00	5.73					
N4	14-Jun-17	Surface		17X226322	0.021	0.020		<0.0000019		<2	<0.05	0.05	0.5	<0.05	<0.05	<0.03		8.3	7.7	5	7.5	11.1	17	6.83	8	0.00	6.64					

Methylmercury Monitoring Plan Analytics - Water April 2019

Sample Site	Sample Date	Sample Depth	Flett Work Order Number	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	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 uhmo/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	0.2	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	*Method Detection Limit (MDL)
N4	14-Jun-17	Mid		17X226322	0.024	0.024		<0.0000019		<2	<0.05	0.12	0.4	<0.05	<0.05	0.12		7.5	8.2	<5	6.2	11.1	17	6.97	8	0.00	6.36					
N4	14-Jun-17	Bottom		17X226322	0.020	0.019		<0.0000019		<2	<0.05	<0.03	0.5	<0.05	<0.05	0.16		7.9	8.3	6	6.9	11.2	16	6.84	7	0.00	6.42					
N5	14-Jun-17	Surface		17X226322	0.017	0.036		<0.0000019		<2	<0.05	<0.03	0.5	<0.05	<0.05	0.2		8.0	7.4	87	51.9	11.4	18	6.85	12	0.00	7.50					
N6	14-Jun-17	Surface		17X226322	0.020	0.019		<0.0000019		<2	<0.05	<0.03	0.8	<0.05	<0.05	0.12		8.3	7.5	7	14.6	11.1	17	6.84	8	0.00	6.52					
N7	14-Jun-17	Surface		17X226322	0.016	0.030		<0.0000019		<2	<0.05	<0.03	0.8	<0.05	<0.05	<0.03		8.3	8.2	16	15.8	11.2	18	6.83	5	0.00	7.06					
N8	14-Jun-17	Surface		17X226322	0.017	0.022		<0.0000019		26	<0.05	0.03	0.8	<0.05	<0.05	0.15		8.8	8.2	9	12.8	10.4	711	6.84	348	0.34	7.56					
N8	14-Jun-17	Halocline		17X226322	0.011	0.025		<0.0000019		27	<0.05	<0.03	0.9	<0.05	<0.05	0.04		8.4	7.9	11	13.4	11.0	737	6.88	359	17.02	3.64					
N9	14-Jun-17	Surface		17X226322	<MDL	0.013		<0.0000019		155	<0.05	<0.03	0.6	<0.05	<1.00	<0.03		4.9	4.4	8	13.7	11.1	3890	7.14	2170	1.95	7.32					
N9	14-Jun-17	Halocline		17X226322	<MDL	0.015		<0.0000019		185	<0.05	<0.03	1.6	0.05	<1.00	0.17		4.9	4.4	9	11.2	11.1	4310	7.19	2470	10.09	4.92					
N13	14-Jun-17	Surface		17X226322	0.010	0.028		<0.0000019		1250	<0.05	<0.03	0.9	<5.00	<5.00	0.38		5.1	4.0	10	3.4	11.4	25600	7.83	16800	15.26	8.88					
N10	15-Jun-17	Surface		17X226778	0.015	0.026		<0.0000019	<0.0000025	258	<0.05	<0.03	<0.4	0.08	<0.05	<0.03		4.2	4.3	<5	6.8	11.0	5660	7.27	3430	3.03	7.10					
N10	15-Jun-17	Halocline		17X226778	<MDL	0.014		<0.0000019	<0.0000025	311	<0.05	<0.03	<0.4	0.07	<0.05	0.23		3.6	3.6	<5	7.1	10.7	6610	7.34	3930	19.44	1.93					
N11	15-Jun-17	Surface		17X226778	<MDL	0.015		<0.0000019	<0.0000025	269	<0.05	<0.03	1.8	0.06	<0.05	0.27		3.4	3.5	6	9.5	11.4	5510	7.28	3360	2.96	7.19					
N11	15-Jun-17	Halocline		17X226778	<MDL	0.010		<0.0000019	<0.0000025	254	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		3.7	3.5	<5	7.9	11.4	5680	7.29	3410	3.03	7.02					
N1	21-Jun-17	Surface		17X228910	0.018	0.025		<0.0000019	<0.0000025	<2	<0.05	<0.03	0.5	<0.05	<0.05	0.07		6.8	6.1	15	3.9	10.9	16	6.72	7	0.00	8.15					
N6	21-Jun-17	Surface		17X228910	0.013	0.022		<0.0000019	<0.0000025	<2	<0.05	<0.03	0.5	<0.05	<0.05	0.16		8.7	8.7	21	32.5	11.3	17	6.80	9	0.00	8.82					
N7	21-Jun-17	Surface		17X228910	0.015	0.029		<0.0000019	<0.0000025	<2	<0.05	<0.03	1.2	<0.05	<0.05	0.17		5.2	5.0	6	12.8	11.1	18	6.80	8	0.00	9.27					
N5	22-Jun-17	Surface		17X229463	0.011	0.017		<0.0000019	<0.0000025	<2	<0.05	<0.03	0.6	<0.05	<0.05	0.07		8.6	7.9	32	28.9	11.7	18	6.98	10	0.00	8.74					
N1	28-Jun-17	Surface		17X231355	0.020	0.027	2.05			<2	<0.05	<0.03	0.5	<0.05	<0.05	0.04		7.0	5.7	<5	0.9	10.3	18	6.99	8	0.00	11.67					
N4	28-Jun-17	Surface		17X231355	0.022	0.033	2.23			<2	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		6.4	6.1	<5	4.4	10.6	18	6.88	7	0.00	10.74					
N4	28-Jun-17	Mid		17X231355	0.020	0.031	2.29			<2	<0.05	<0.03	0.4	<0.05	<0.05	<0.03		6.4	6.1	<5	5.0	10.6	15	6.88	7							
N4	28-Jun-17	Bottom		17X231355	0.025	0.037	2.27			<2	<0.05	<0.03	<0.4	<0.05	<0.05	0.07		6.3	6.0	<5	5.2	10.5	17	6.88	4							
N5	28-Jun-17	Surface		17X231355	0.018	0.029	2.71			<2	<0.05	<0.03	0.4	<0.05	<0.05	0.12		6.5	6.2	10	10.1	10.8	15	6.86	5	0.00	11.14					
N6	28-Jun-17	Surface		17X231355	0.021	0.031				<2	<0.05	<0.03	0.5	<0.05	<0.05	0.11		6.5	6.2	10	11.2	10.8	23	6.85	9	0.00	10.14					
N7	28-Jun-17	Surface		17X231355	0.025	0.029	2.65			<2	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		7.0	6.7	8	10.5	10.8	17	6.82	5	0.00	11.01					
N8	28-Jun-17	Surface		17X231355	0.020	0.030	2.65			3	<0.05	<0.03	<0.4	<0.05	<0.05	0.13		6.9	6.6	10	10.7	10.6	85	6.82	36	0.00	11.44					
N8	28-Jun-17	Halocline		17X231355	0.017	0.028	2.62			41	<0.05	<0.03	<0.4	<0.05	<0.05	0.09		6.7	6.5	6	12.2	10.3	1060	6.89	522	2.13	9.68					
N9	28-Jun-17	Surface		17X231355	0.020	0.024	3.07			68	<0.05	<0.03	0.5	<0.05	<0.05	0.04		7.8	7.4	7	12.6	9.9	1710	6.97	879	0.84	13.10					
N9	28-Jun-17	Halocline		17X231355	<MDL	0.015	1.36			1010	<0.05	<0.03	0.4	0.16	<1.0	<0.03		3.7	3.6	<5	5.2	10.4	15600	7.65	10600	10.94	5.90					
N10	28-Jun-17	Surface		17X231355	0.010	0.040	2.15			242	<0.05	<0.03	0.5	<0.05	<1.0	0.17		6.6	5.9	5	8.5	10.7	4490	7.40	2590	2.63	12.77					
N10	28-Jun-17	Halocline		17X231355	<MDL	0.010	1.36			707	<0.05	0.03	<0.4	<0.5	<0.5	0.13		3.5	3.3	<5	2.6	10.7	16600	7.70	10400	11.04	5.78					
N11	28-Jun-17	Surface		17X231355	<MDL	0.024	2.41			645	<0.05	<0.03	<0.4	0.2	<0.5	0.16		6.1	5.8	5	7.9	11.2	4600	7.44	2880	2.64	12.00					
N11	28-Jun-17	Halocline		17X231355	<MDL	0.010	1.63			337	<0.05	<0.03	0.4	<1.0	0.16	0.11		5.9	5.6	<5	4.3	10.6	5510	7.44	3570	3.20	10.42					
N12	28-Jun-17	Surface		17X231355	<MDL	<MDL	1.32			540	<0.05	<0.03	0.4	<0.50	<0.50	0.04		5.4	5.2	5	3.1	11.2	8950	7.60	7040	5.35	9.55					
N12	28-Jun-17	Halocline		17X231355	<MDL	<MDL	1.24			43	<0.05	<0.03	1.7	<0.50	<0.50	<0.03		4.0	3.8	<5	2.1	10.6	10500	7.66	7590	23.97	1.30					
N13	28-Jun-17	Surface		17X231355	<MDL	0.010	1.33			1640	<0.05	<0.03	0.7	0.32	<1.0	<0.03		3.1	3.1	6	2.7	11.0	24700	7.96	17100	16.83	13.75					
N1	5-Jul-17	Surface		17X233758	0.016	0.018	1.76			<2	<0.05	<0.03	<0.4	0.08	<0.05	<0.03		5.9	5.5	<5	1.6	10.4	20	7.05	10	0.00	11.70					
N4	5-Jul-17	Surface		17X233758	0.027	0.039	1.95			<2	<0.05	<0.03	0.4	<0.05	<0.05	0.13		6.1	5.9	<5	4.3	10.5	33	6.61	18	0.01	12.60					
N4	5-Jul-17	Mid		17X233758	0.021	0.024	1.86			<2	<0.05	<0.03	0.5	<0.05	<0.05	<0.03		6.2	5.8	<5	4.7	10.2	17	6.65	8	0.01	12.35					
N4	5-Jul-17	Bottom		17X233758	0.024	0.030	1.92			<2	<0.05	<0.03	<0.4	<0.05	<0.05	0.13		6.1	5.7	<5	4.7	10.5	17	6.66	9	0.01	12.32					
N5	5-Jul-17	Surface		17X233758	0.018	0.028				<2	<0.05	<0.03	<0.4	<0.05	<0.05	0.06		5.9	5.6	6	8.2	10.1	17	6.69	9	0.00	14.66					
N6	5-Jul-17	Surface		17X233758	0.022	0.028				<2	<0.05	<0.03	0.4	<0.05	<0.05	0.04		6.0	5.6	7	5.9	10.5	17	6.69	8	0.00	12.96					
N7	5-Jul-17	Surface		17X233758	0.026	0.024	2.12			<2	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		6.3	5.9	5	6.2	10.6	18	6.72	9	0.01	13.24					
N8	5-Jul-17	Surface		17X233758	0.019	0.023	2.07			5	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		6.5	6.2	<5	6.9	11.0	154	6.74	75	0.05	14.36					
N8	5-Jul-17	Halocline		17X233758	0.011	0.023	2.71			28	<0.05	<0.03	0.6	<0.05	<0.05	<0.03		6.7	6.5	<5	8.6	10.8	736	6.79	356	11.67	9.88					
N9	5-Jul-17	Surface		17X233758	0.015	0.026	2.37			70	<0.05	<0.03	0.4	<0.05	<0.05	0.04		7.0	6.7	5	7.6	10.8	1740	6.91	902	0.87	13.90					
N9	5-Jul-17	Halocline		17X233758	0.012	0.030	2.14			144	<0.05	<0.03	0.4	<0.50	<0.50	0.13		6.7	6.4	<5	7.4	10.3	3430	6.99	1960	9.26	7.91					
N10	5-Jul-17	Surface		17X233758	<MDL	0.015	1.67			279	<0.05	<0.03	<0.4	<5.0	<5.0	0.05		6.2	6.0	<5	4.2	10.4	6150	7.33	3840	3.36	13.14					
N10	5-Jul-17	Halocline		17X233758	<MDL	<MDL	1.10			514	<0.05	<0.03	<0.4	<5.0	<5.0	0.15		4.2	4.0	<5	1.9	11.0	11300	7.51	7160	13.04	4.50					
N11	5-Jul-17	Surface		17X233758	<MDL	0.033	1.47			284	<0.05	<0.03	0.5	<5.0	<5.0	0.06		6.1	5.9	<5	3.1	11.0	6270	7.45	3940	3.43	15.00					
N11	5-Jul-17	Halocline		17X233758	<MDL	0.013	1.43			279	<0.05	<0.03	0.5	<5.0	<5.0	0.05		6.3	5.9	<5	3.2	10.9	6350	7.48	3910	3.51	14.10					
N12	5-Jul-17	Surface		17X233758	<MDL	0.010	1.14			420	<0.05	<0.03	<0.4	<5.0	<5.0	0.16		5.3	5.2	<5	1.7	11.1	9040	7.55	5750	16.68	13.15					
N12	5-Jul-17	Halocline		17X233758	<MDL	0.010	1.11			473	<0.05	<0.03	<0.4	<5.0	<5.0	0.12		4.1	4.0	<5	1.9	11.0	10100	7.57	6280	5.09	4.50					
N13	5-Jul-17	Surface		17X233758	0.012	0.033	1.74			1160	<0.05	<0.03	0.5	<10	<10	0.29		3.7	3.4	5	2.3	11.0	22700	8.24	16100	13.72	17.80					
N1	10-Jul-17	Surface		17X235481	0.016	0.024	1.77			<2	<0.05	<0.03	<0.4	0.08	<0.05	<0.03		5.6	5.4	<5	1.8	9.8	17	6.95	9	0.01	13.56					
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		5.8	5.5	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	0.6	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				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	1.55			<2	<0.02	<0.03	<0.4	<0.05	<0.05	<0.03		6.1	5.7	<5	2.1	9.2	19	6.93	9	0.01	14.90					
N5	27-Jul-17	Surface		17X242547	0.015	0.027	1.57			<2	<0.02	<0.03	0.5	<0.05	<0.05	0.83		6.1	5.7	<5	4.4	9.1	19	6.95	8	0.01	14.92					
N7	27-Jul-17	Surface		17X242547	0.021	0.032	1.71			<2	<0.02	<0.03	1.3	0.06	<0.05	0.08		6.6	6.2	<5	6.7	9.0	21	6.94	10	0.01	15.32					
N8	27-Jul-17	Surface		17X242547	0.014	0.020	1.41			61	<0.02	<0.03	<0.4	<0.05	<0.05	0.12		6.1	5.8	<5	3.7	8.9	1610	6.95	853	0.79	15.82					
N8	27-Jul-17	Halocline		17X242547	0.010	0.016	1.19			190	<0.02	<0.03	0.4	<0.10	<0.10	0.05		6.1	5.8	<5	3.7	9.2	4290	7.14	2140	12.35	8.44					
N9	27-Jul-17	Surface		17X242547	0.010	0.021	1.74			244	<0.02	<0.03	2.2	<1.0	<1.0	<0.03		6.0	5.7	6	9.0	9.2	5400	7.19	3370	3.06	13.70					
N9	27-Jul-17	Halocline		17X242547	<MDL	<MDL	0.75			1180	<0.02	<0.03	2	<10	<10	0.05		3.3	3.1	<5	2.0	9.4	19400	7.53	14000	13.66	7.52					
N10	27-Jul-17	Surface		17X242547	<MDL	0.167	2.91			603	<0.02	<0.03	3.6	<5.0	<5.0	0.12		5.9	5.4	25	8.6	9.3	12200	7.46	7970	6.54	16.37					
N10	27-Jul-17	Halocline		17X242547	<MDL																					9.72	11.94					
N11	27-Jul-17	Surface		17X242547	<MDL	0.010	1.19			494	<0.02	<0.03	<0.4	<5.0	<5.0	0.21		5.1	4.8	<5	7.9	9.5	9950	7.43	6700	5.92	14.12					
N11	27-Jul-17	Halocline		17X242547	<MDL	0.010	0.54			1050	<0.02	<0.03	<0.4	<10	<10	0.29		4.1	4.0	<5	1.8	9.4	16900	7.54	13300	16.00	7.13					
N12	27-Jul-17	Surface		17X242547	<MDL	<MDL	0.89			602	<0.02	<0.03	1	<5.0	<5.0	0.2		4.7	4.4	<5	1.6	9.0	12000	7.50	8130	7.17	14.66					
N12	27-Jul-17	Halocline		17X242547	<MDL	<MDL	0.86			687	<0.02	<0.03	<0.4	<5.0	<5.0	0.05		4.5	4.3	<5	1.5	9.0	12300	7.51	9370	12.09	9.90					
N13	27-Jul-17	Surface		17X242547	<MDL	<MDL	0.42			1920	<0.02	<0.03	0.5	<10	<10	0.09		2.3	2.2	6	1.3	9.4	30300	7.73	24800	20.12	7.21					
N1	2-Aug-17	Surface		17X245211	0.021	0.029	1.58			<2	0.03	<0.03	<0.4	<0.05	<0.05	<0.03		6.5	6.2	<5	1.5	11.2	20	7.00	12	0.00	15.22					
N4	2-Aug-17	Surface		17X245211	0.038	0.044	1.64			<2	0.03	<0.03	0.4	<0.05	<0.05	<0.03		6.5	6.2	6	2.9	11.2	19	7.02	9	0.00	15.20					
N4	2-Aug-17	Mid		17X245211	0.036	0.038	1.73			<2	0.03	<0.03	<0.4	<0.05	<0.05	<0.03		6.5	6.1	<5	2.6	11.6	19	7.01	11	0.00	15.15					
N4	2-Aug-17	Bottom		17X245211	0.036	0.045	1.63			<2	0.03	<0.03	<0.4	<0.05	<0.05	<0.03		6.5	6.2	<5	3.8	11.2	19	7.01	9	0.00	15.14					
N5	2-Aug-17	Surface		17X245211	0.020	0.028	1.52			<2	0.03	<0.03	<0.4	<0.05	<0.05	<0.03		6.0	5.7	<5	3.9	11.5	19	7.07	9	0.00	16.14					
N6	2-Aug-17	Surface		17X245211	0.022	0.025	1.55			<2	0.03	<0.03	<0.4	<0.05	<0.05	<0.03		6.1	5.7	<5	5.5	11.9	19	7.07	10	0.00	15.39					
N7	2-Aug-17	Surface		17X245211	0.023	0.036	1.67			<2	0.03	<0.03	<0.4	<0.05	<0.05	<0.03		6.8	6.5	6	5.7	11.5	22	7.17	11	0.00	15.32					
N8	2-Aug-17	Surface		17X245211	0.012	0.023	1.60			73	0.03	<0.03	<0.4	<0.05	0.6	0.07		6.4	6.1	<5	3.9	12.9	1840	7.12	961	0.23	15.78					
N8	2-Aug-17	Halocline		17X245211	<MDL	0.022	1.37			91	0.03	<0.03	<0.4	<0.05	0.73	0.04		6.4	6.1	<5	3.4	11.3	2250	7.20	1230	3.40	13.94					
N9	2-Aug-17	Surface		17X245211	0.010	0.012	1.36			195	0.03	<0.03	<0.4	<0.05	1.06	<0.03		6.7	6.5	<5	3.1	10.9	3380	7.25	2090	1.82	15.87					
N9	2-Aug-17	Halocline		17X245211	<MDL	<MDL	1.05			635	0.03	<0.03	<0.4	0.17	3.03	0.08		4.7	4.6	<5	2.5	10.8	12300	7.54	7880	7.87	12.36					
N10	2-Aug-17	Surface		17X245211	<MDL	0.010	1.12			458	0.03	<0.03	<0.4	<0.05	2.49	<0.03		5.1	4.8	<5	1.9	11.3	9180	7.56	5930	5.30	16.98					
N10	2-Aug-17	Halocline		17X245211	<MDL	<MDL	1.13			474	0.03	<0.03	<0.4	<0.05	2.5	<0.03		5.1	4.9	<5	2.2	11.3	9420	7.58	6820	7.85	12.82					
N11	2-Aug-17	Surface		17X245211	<MDL	<MDL	1.06			488	0.03	<0.03	<0.4	0.05	2.66	<0.03		5.1	4.8	<5	2.2	11.2	9760	7.61	6370	5.84	15.87					
N11	2-Aug-17	Halocline		17X245211	<MDL	<MDL	0.94			682	0.03	<0.03	1.2	0.14	3.07	0.12		4.7	4.4	<5	1.8	11.3	13400	7.62	9050	10.42	10.93					
N12	2-Aug-17	Surface		17X245211	<MDL	<MDL	0.85			700	0.03	<0.03	<0.4	0.14	1.1	0.08		4.6	4.3	5	1.8	11.2	13300	7.66	9100	7.84	17.18					
N12	2-Aug-17	Halocline		17X245211	<MDL	<MDL	0.88			763	0.03	<0.03	<0.4	0.11	3.17	0.04		4.6	4.3	<5	1.5	10.7	14200	7.66	9770	17.14	5.49					
N13	2-Aug-17	Surface		17X245211	<MDL	0.010	0.58			1470	0.03	<0.03	<0.4	<10	25	0.1		3.2	3.1	5	2.1	11.5	24500	8.03	18800	17.07	12.38					
N1	7-Aug-17	Surface		17X246258	0.018	0.020	1.48			<2	<0.02	<0.03	<0.4	<0.05	<0.05	<0.03		5.5	5.1	<5	1.2	10.7	20	7.18	12	0.01	17.25					
N4	7-Aug-17	Surface		17X246258	0.029	0.026	1.46			<2	0.02	<0.03	<0.4	<0.05	<0.05	<0.03		5.7	5.4	<5	2.1	11.3	19	7.07	9	0.01	17.74					
N4	7-Aug-17	Mid		17X246258	0.030	0.026	1.48			<2	<0.02	<0.03	<0.4	<0.05	<0.05	<0.03		5.8	5.5	<5	2.1	11.0	20	7.07	11	0.01	17.54					
N4	7-Aug-17	Bottom		17X246258	0.028	0.034	1.47			<2	0.02	<0.03	<0.4	<0.05	<0.05	<0.03		5.8	5.6	<5	2.4	11.1	20	7.07	9	0.01	17.56					
N5	7-Aug-17	Surface		17X246258	0.024	0.031	4.16			<2	0.02	<0.03	<0.4	<0.05	<0.05	<0.03		5.8	5.6	<5	3.4	11.3	19	7.07	9	0.01	18.24					

Methylmercury Monitoring Plan Analytics - Water April 2019

					Laboratory Analysis																					In Situ						
Sample Site	Sample Date	Sample Depth	Flett Work Order Number	AGAT Work Order #	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	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 uhmo/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
				RDL	0.01*	0.01*	0.05	0.0000019	0.0000025	0.2	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	*Method Detection Limit (MDL)
N6	7-Aug-17	Surface		17X246258	0.025	0.022	1.59			<2	0.02	<0.03	<0.4	<0.05	<0.05	<0.03		5.8	5.5	<5	5.7	10.7	20	7.07	9	0.01	17.36					
N7	7-Aug-17	Surface		17X246258	0.024	0.026	1.71			<2	0.02	<0.03	<0.4	<0.05	<0.05	<0.03		6.0	5.7	<5	5.3	10.5	20	7.06	10	0.01	17.62					
N8	7-Aug-17	Surface		17X246258	0.020	0.016	1.55			112	0.02	<0.03	<0.4	<0.05	<0.05	<0.03		6.3	6.0	<5	2.8	10.5	2610	7.15	1470	1.37	18.11					
N8	7-Aug-17	Halocline		17X246258	<MDL	0.010	0.87			811	0.02	<0.03	<0.4	<5.0	<5.0	<0.03		4.2	4.1	<5	2.1	11.0	16900	7.53	11300	9.84	10.56					
N9	7-Aug-17	Surface		17X246258	0.010	0.012	1.13			535	0.02	<0.03	<0.4	<5.0	<5.0	<0.03		4.6	4.5	<5	2.7	10.6	11900	7.56	7640	6.82	14.65					
N9	7-Aug-17	Halocline		17X246258	0.010	0.013	1.06			642	0.02	<0.03	0.4	<5.0	<5.0	<0.03		4.4	4.2	<5	3.7	11.1	13800	7.61	8940	18.16	6.08					
N10	7-Aug-17	Surface		17X246258	<MDL	0.010	0.98			605	0.02	<0.03	<0.4	<5.0	<5.0	<0.03		4.6	4.4	<5	1.6	11.1	13400	7.63	8640	8.04	15.27					
N10	7-Aug-17	Halocline		17X246258	<MDL	0.010	0.73			1320	0.02	<0.03	0.5	<10	<10	<0.03		2.7	2.6	<5	0.7	10.6	26100	7.69	18400	13.48	9.11					
N11	7-Aug-17	Surface		17X246258	<MDL	0.010	0.99			516	0.02	<0.03	<0.4	<5.0	<5.0	<0.03		4.7	4.4	<5	3.6	10.8	11600	7.63	7260	6.64	17.11					
N11	7-Aug-17	Halocline		17X246258	<MDL	0.010	0.57			1530	0.02	<0.03	<0.4	<5.0	<5.0	<0.03		2.6	2.5	<5	1.2	11.1	28800	7.76	21400	15.92	9.74					
N12	7-Aug-17	Surface		17X246258	<MDL	<MDL	0.95			534	0.02	<0.03	<0.4	<5.0	<5.0	<0.03		4.7	4.5	<5	1.3	9.5	11800	7.69	7560	6.98	17.16					
N12	7-Aug-17	Halocline		17X246258	<MDL	<MDL	0.97			554	0.02	<0.03	1.8	<5.0	<5.0	<0.03		4.6	4.4	<5	1.2	10.7	11900	7.66	8090	19.46	5.76					
N13	7-Aug-17	Surface		17X246258	<MDL	<MDL	0.49			1660	0.02	<0.03	1.2	<10	<10	<0.03		2.4	2.3	<5	1.2	10.2	30800	7.83	23400	18.92	7.18					
N1	18-Aug-17	Surface		17X250327	0.024	0.029	2.12			<2	<0.02	<0.03	0.5	<0.05	<0.05	<0.03		9.0	7.7	<2	1.0	10.5	19	6.97	10	0.01	13.27					
N4	18-Aug-17	Surface		17X250327	0.023	0.030	1.35			<2	<0.02	<0.03	<0.4	<0.05	<0.05	0.27		5.9	5.5	<2	3.3	9.7	21	7.03	11	0.01	15.28					
N4	18-Aug-17	Mid		17X250327	0.027	0.029	1.34			<2	<0.02	<0.03	0.5	<0.05	<0.05	<0.03		5.7	5.4	3	4.2	10.9	21	7.04	10	0.01	15.27					
N4	18-Aug-17	Bottom		17X250327	0.017	0.028	1.36			<2	<0.02	<0.03	0.8	<0.05	<0.05	0.26		5.8	5.6	5	3.5	9.8	21	7.04	14	0.01	15.19					
N5	18-Aug-17	Surface		17X250327	0.023	0.030	1.33			<2	<0.02	<0.03	0.6	<0.05	<0.05	0.33		5.6	5.3	4	3.6	10.5	21	7.06	13	0.01	15.53					
N6	18-Aug-17	Surface		17X250327	0.017	0.031	1.36			<2	<0.02	<0.03	0.5	<0.05	<0.05	<0.03		5.5	5.2	4	6.2	11.3	22	7.07	13	0.01	15.37					
N7	18-Aug-17	Surface		17X250327	0.014	0.035	1.41			<2	<0.02	<0.03	1	<0.05	<0.05	0.04		5.8	5.5	6	6.3	10.5	23	7.06	13	0.01	15.17					
N8	18-Aug-17	Surface		17X250327	0.010	0.028	1.29			28	<0.02	<0.03	0.9	<0.05	<0.05	0.05		5.7	5.4	3	4.8	10.9	952	7.07	435	0.09	14.51					
N8	18-Aug-17	Halocline		17X250327	0.010	0.014	1.08			268	<0.02	<0.03	1.4	<0.05	<0.05	0.08		5.5	4.6	5	3.1	10.6	6540	7.37	3470	13.71	8.25					
N9	18-Aug-17	Surface		17X250327	<MDL	0.015	0.93			596	<0.02	<0.03	1.2	0.61	<5	0.06		4.8	4.4	9	3.4	10.6	12700	7.59	8970	7.55	13.43					
N9	18-Aug-17	Halocline		17X250327	<MDL	0.010	0.93			614	<0.02	<0.03	1.2	0.2	<5	<0.03		4.8	4.5	4	3.5	10.4	13600	7.64	9410	13.91	9.29					
N11	18-Aug-17	Surface		17X250327	<MDL	<MDL	0.77			772	<0.02	<0.03	<0.4	0.06	<5	0.04		4.6	4.3	3	0.9	10.4	15200	7.69	11600	10.61	13.24					
N11	18-Aug-17	Halocline		17X250327	<MDL	<MDL	0.78			786	<0.02	<0.03	<0.4	0.47	<5	0.05		4.5	4.3	4	1.2	10.7	15200	7.70	10000	13.61	10.64					
N12	18-Aug-17	Surface		17X250327	<MDL	<MDL	0.66			861	<0.02	<0.03	<0.4	3.14	<5	0.04		4.4	4.0	4	0.9	10.7	17100	7.74	11400	18.31	6.58					
N12	18-Aug-17	Halocline		17X250327	<MDL	<MDL	0.79			814	<0.02	<0.03	0.4	0.53	<5	0.31		3.7	4.0	6	1.0	11.3	18100	7.75	11400	20.54	4.08					
N10	18-Aug-17	Surface		17X250327	<MDL	<MDL	0.50			2260	<0.02	<0.03	<0.4	<10	<10	0.05		2.7	2.7	4	0.8	10.8	27400	7.83	21600	21.51	7.26					
N10	18-Aug-17	Halocline		17X250327	<MDL	<MDL	0.43			1670	<0.02	<0.03	<0.4	4.91	<10	0.38		2.7	2.5	7	0.9	10.5	28500	7.83	26700	9.21	15.23					
N13	18-Aug-17	Surface		17X250327	<MDL	<MDL	0.51			2370	<0.02	<0.03	1.2	<10	<10	0.67		2.5	2.2	9	1.4	11.0	32300	7.94	26200	14.86	10.23					
N1	21-Aug-17	Surface		17X251404	0.021	0.028	1.46			<2	<0.02	<0.03	<0.4	<0.05	<0.05	<0.03		6.7	6.0	<2	1.0	10.3	19	7.11	11	0.01	15.17					
N4	21-Aug-17	Surface		17X251404	0.030	0.035	1.73			<2	<0.02	<0.03	<0.4	<0.05	<0.05	<0.03		7.3	6.9	2	2.2	11.1	19	7.00	9	0.01	15.49					
N4	21-Aug-17	Mid		17X251404	0.030	0.024	1.71			<2	<0.02	<0.03	1.4	<0.05	<0.05	<0.03		7.2	6.9	3	2.3	10.4	19	7.00	11	0.01	15.52					
N4	21-Aug-17	Bottom		17X251404	0.029	0.030	1.73			<2	<0.02	<0.03	0.8	<0.05	<0.05	<0.03		7.2	6.9	3	2.5	10.5	19	7.03	11	0.01	15.52					
N5	21-Aug-17	Surface		17X251404	0.023	0.027	1.91			<2	<0.02	<0.03	0.6	<0.05	<0.05	<0.03		7.1	6.7	6	7.2	12.8	20	7.03	11	0.01	15.53					
N6	21-Aug-17	Surface		17X251404	0.025	0.025	1.89			<2	<0.02	<0.03	1.3	<0.05	<0.05	<0.03		7.1	6.7	7	8.2	11.6	22	7.17	12	0.01	15.81					
N7	21-Aug-17	Surface		17X251404	0.024	0.020	1.66			<2	<0.02	<0.03	1	<0.05	<0.05	<0.03		6.8	6.3	11	6.0	10.6	22	7.12	13	0.00	16.17					
N1	31-Aug-17	Surface		17X255542	0.027	0.028	1.61			<2	<0.05	<0.03	<0.4	0.06	<0.05	<0.03		6.2	6.1	<1.0	1.2	10.3	19	6.98	8	0.01	15.61					
N4	31-Aug-17	Surface		17X255542	0.028	0.033	1.65			<2	<0.05	<0.03	1.1	<0.05	<0.05	<0.03		6.6	6.2	1	1.7	10.1	19	6.90	8	0.01	15.83					
N4	31-Aug-17	Mid		17X255542	0.032	0.036	1.68			<2	<0.05	0.03	0.5	<0.05	0.07	<0.03		6.5	6.3	<1.0	1.7	10.0	19	6.90	6	0.01	15.87					
N4	31-Aug-17	Bottom		17X255542	0.029	0.034	1.65			<2	<0.05	<0.03	<0.4	<0.05	<0.05	<0.03		6.5	6.4	1.2	1.7	9.3	19	6.90	8	0.01	15.86					
N5	31-Aug-17	Surface		17X255542	0.025	0.026	1.75			<2	<0.05	<0.03	<0.4	0.05	<0.05	<0.03		6.7	6.6	3.4	4.8	10.8	19	6.88	8	0.01	15.18					
N6	31-Aug-17	Surface		17X255542	0.027	0.033	1.82			<2	<0.05	<0.03	0.5	<0.05	<0.05	0.06		6.7	6.4	2.2	4.9	10.8	19	6.87	8	0.01	15.42					
N7	31-Aug-17	Surface		17X255542	0.030	0.035	1.81			<2	<0.05	<0.03	0.6	<0.05	<0.05	0.03		6.4	6.5		7.6	NA	39	6.88	13	0.01	15.04					
N13	31-Aug-17	Surface		17X255542	0.014	0.019	0.85			1330	<0.05	<0.03	0.9	<2.5	<2.5	0.15		1.7	1.4	4.4	3.1	11.2	24900	7.69	18900	17.25	11.81					
N1	8-Sep-17	Surface		17X258240	0.028	0.033	1.93			<2	<0.02	<0.03	<0.4	<0.05	<0.05	<0.03		6.2	5.8	<1	0.8	12.0	19	6.89	11	0.01	13.79					
N6	8-Sep-17	Surface		17X258240	0.030	0.035	2.18			<2	<0.02	<0.03	0.5	<0.05	<0.05	<0.03		5.9	5.6	10	16.4	12.2	20	6.89	11	0.01	14.10					
N1	14-Sep-17	Surface		17X260415	0.029	0.017	1.59			0.8	<0.05	<0.03	0.9	<0.05	<0.05		0.009	5.4	5.3	0.6	1.5	10.2	19	6.95	8	0.01	13.47					
N4	14-Sep-17	Surface		17X260415	0.030	0.039	1.88			0.7	<0.05	<0.03	0.9	<0.05	<0.05		0.010	6.4	6.2	0.6	3.6	10.2	20	7.02	8	0.01	13.86					
N4	14-Sep-17	Mid		17X260415	0.042	0.044	1.84			0.7	<0.05	<0.03	<0.4	<0.05	<0.05		0.011	6.4	6.1	1.4	2.1	9.7	19	6.85	8	0.01	13.84					
N4	14-Sep-17	Bottom		17X260415	0.031	0.043	1.87			0.7	<0.05	<0.03	<0.4	<0.05	<0.05		0.008	6.4	6.1	0.8	1.9	10.0	18	6.85	7	0.01	13.84					
N5	14-Sep-17	Surface		17X260415	0.028	0.025	2.14			0.8	<0.05	<0.03	0.5	<0.05	<0.05		0.077	6.6	6.3	6.6	6.4	9.1	18	6.88	8	0.01	14.01					
N6	14-Sep-17	Surface		17X260415	0.024	0.029	2.02			0.8	<0.05	<0.03	<0.4	<0.05	<0.05		0.015	6.6	6.3	4.2	4.7	10.3	19	6.87	8	0.01	13.95					
N7	14-Sep-17	Surface		17X260415	0.027	0.031	2.17			0.8	<0.05	<0.03	<0.4	<0.05	<0.05		0.014	7.1	6.9	5.6	4.9	10.0	19	6.85	8	0.01	13.49					
N1	21-Sep-17	Surface		17X263073	0.024	0.023	1.44			<0.2	<0.05	<0.03	0.4	<0.05	<0.05		0.007	7.2	6.7	<2	2.9	10.5	20	6.76	8	0.00	12.50					
N4	21-Sep-17	Surface		17X263073	0.034	0.039	1.46			<0.2	<0.05	<0.03	<0.4	<0.05	<0.05		0.005	6.3	6.2	<2	0.4	9.6	20	6.80	8	0.00	12.59					
N4	21-Sep-17	Mid		17X263073	0.031	0.031	1.50			<0.2	<0.05	<0.03	<0.4	<0.05	<0.05		0.005	6.3	6.0	<2	0.6	10.2	20	6.82	8	0.00	12.57					
N4	21-Sep-17	Bottom		17X263073	0.036	0.035	1.45			<0.2	<0.05	<0.03	<0.4	<0.05	<0.05		0.006	6.2	6.0	<2	0.4	10.3	20	6.83	9	0.00	12.57					
N5	21-Sep-17	Surface		17X263073	0.027	0.025	1.52			<0.2	<0.05	<0.03	<0.4	<0.05	<0.05		0.006	6.2	6.0	<2	0.7	10.0	20	6.85	8	0.00	12.73					
N6	21-Sep-17	Surface		17X263073	0.023	0.022	1.63			<0.2	<0.05	<0.03	<0.4	<0.05	<0.05		0.008	6.1	5.8	3	0.8	9.6	20	6.86	8	0.00	12.43					
N7	21-Sep-17	Surface		17X263073	0.026	0.020	1.64			<0.2	<0.05	<0.03	<0.4	<0.05	<0.05		0.011	6.6	6.3	3	4.8	9.8	23	6.87	9	0.00	11.95					
N13	22-Sep-17	Surface		17X263720	<MDL	0.010	0.56			1570	<0.05	<0.03	<0.4	<10	<10		0.022	1.7	1.2	3.4	0.9	9.7	25900	7.82	20600	19.31	7.97					
N6	27-Sep-17	Surface		17X265126	0.022	0.029	1.48			<0.2	<0.05	<0.03	0.4	<0.05	<0.05		0.011	6.8	6.3	3.4	6.0	10.3	21	7.03	13	0.01	12.02					
N10	27-Sep-17	Surface		17X265126	<MDL	<MDL	0.57			165	<0.05	<0.03	<0.4	<0.05	<0.05		0.011	2.1	2.1	2	1.7	10.5	20400	7.67	13900	14.03	8.87					
N10	27-Sep-17	Halocline		17X265126	<MDL	<MDL	0.57			239	<0.05	<0.03	<0.4	<0.05	<0.05		0.009	2.0	1.8	0.8	2.3	10.6	20800	7.77	14200	18.31	7.44					
N13	27-Sep-17	Surface		17X265126	<MDL	0.010	0.51			229	<0.05	<0.03	<0.4	<0.05	<0.05		0.013	1.4	1.3	3.6	1.3	10.7	25300	7.88	18100	17.73	5.97					
N1	28-Sep-17	Surface		17X265685	0.021	0.020	1.38			<2	<0.05	<0.03	0.4	<0.05	<0.05		0.005	5.5	5.3	4.2	2.4	10.1	24	7.13	11	0.00	10.94					
N4	28-Sep-17	Surface		17X265685	0.030	0.035	1.44			<2	<0.05	<0.03	<0.4	<0.05	<0.05		0.009	5.6	5.3	<2	3.4	10.0	20	6.84	10	0.00	11.03					
N4	28-Sep-17	Mid		17X265685	0.027	0.030	1.50			<2	<0.05	<0.03	<0.4	<0.05	<0.05		0.007	5.6	5.4	<2	3.7	10.2	20	6.82	10	0.00	11.06					
N4	28-Sep-17	Bottom		17X265685	0.030	0.032	1.44			<2	<0.05	<0.03	<0.4	<0.05	<0.05		0.008	5.6	5.4	<2	3.6	10.2	20	6.84	9	0.00	11.06					
N5	28-Sep-17	Surface		17X265685	0.027	0.032	1.49			<2	<0.05	<0.03	<0.4	<0.05	<0.05		0.008	5.4	5.3	<2	6.2	10.4	20	6.84	9	0.00	11.25					
N7	28-Sep-17	Surface		17X265685	0.022	0.024	1.50			<2	<0.05	<0.03	<0.4	<0.05	<0.05		0.010	5.7	5.5	<2	4.6	10.4	21	6.82	10	0.00	11.04					
N8	28-Sep-17	Surface		17X265685	0.018	0.028	1.39			10	<0.05	<0.03	0.8	<0.05	<0.05		0.009	5.4	5.2	3	4.3	10.4	275	6.84	127	0.10	11.02					
N1	5-Oct-17	Surface		17X268710	0.018	0.042	1.24			1.4	<0.05	0.04		0.07	<0.05		0.004	3.2	3.2	<2	0.9	8.2	40	7.07	16	0.01	10.29					
N4	5-Oct-17	Surface		17X268710	0.027	0.033	1.46			0.7	<0.05	0.04		<0.05	<0.05		0.007	6.0	5.7	<2	3.0	8.2	24	7.02	10	0.01	9.09					
N4	5-Oct-17	Mid		17X268710	0.030	0.037	1.45			0.8	<0.05	<0.03		<0.05	<0.05		0.006	6.0	5.7	2	12.1	8.1	20	6.88	11	0.01	9.10					
N4	5-Oct-17	Bottom		17X268710	0.025	0.034	1.45			0.7	<0.05	0.04		<0.05	<0.05		<0.002	5.9	5.6	<2	3.6	8.0	20	6.88	11	0.01	9.11					
N5	5-Oct-17	Surface		17X268710	0.026	0.028	1.56			0.7	<0.05	<0.03		<0.05	<0.05		0.003	6.0	5.7	5	7.7	7.9	20	6.88	10	0.01	9.40					
N6	5-Oct-17	Surface		17X268710	0.024	0.033	1.59			0.8	<0.05	<0.03		<0.05	<0.05		0.003	5.9	5.6	7	7.1	8.0	20	6.90	11	0.01	9.36					
N7	5-Oct-17	Surface		17X268710	0.026	0.029	2.14			0.9	<0.05	0.04		<0.05	<0.05		12.300	6.6	6.0	824	39.6	7.9	26	6.89	12	0.01	8.90					
N13	5-Oct-17	Surface		17X268710	0.010	0.010	0.34			1750	<0.05	<0.03		<10	<10		0.013	0.7	0.6	10	1.4	6.8	36100	7.57	24400	24.55	6.09					
N1	11-Oct-17	Surface		17X270356	0.019	0.025	1.34			0.8	<0.05	0.03		0.08	<0.05		0.014	4.8	4.5	<2	1.5	10.2	21	6.78	11.0	0.01	9.01					
N5	11-Oct-17	Surface		17X270356	0.019	0.027	2.68			0.8	<0.05	<0.03		<0.05	<0.05		0.014	5.0	4.6	19	8.9	11.1	20	6.94	13.0	0.01	9.11					
N6	11-Oct-17	Surface		17X270356	0.020	0.026	1.33			0.8	<0.05	<0.03		<0.05	<0.05		0.016	5.0	4.7	8	6.3	11.2	20	6.94	11.0	0.01	9.17					
N7	11-Oct-17	Surface		17X270356	0.021	0.027	1.46			0.8	<0.05	0.03		<0.05	<0.05		0.014	5.1	4.8	7	5.9	11.0	21	6.93	11.0	0.01	8.55					
N13	11-Oct-17	Surface		17X270356	<MDL	<MDL	0.33			1910	<0.05	<0.03		<10	<10		0.018	<0.5	<0.5	4	1.9	10.2	37700	7.63	25000.0	19.20	4.97					
N4	12-Oct-17	Surface		17X271017	0.024	0.032	1.28			0.8	<0.05	<0.03		<0.05	<0.05		0.009	5.0	4.7	<2	2.5	10.1	21	7.19	11	0.01	8.88					
N4	12-Oct-17	Mid		17X271017	0.024	0.035	1.34			0.8	<0.05	0.03		<0.05	<0.05		0.007	4.9	4.7	<2	2.5	10.3	20	7.02	11	0.01	8.87					
N4	12-Oct-17	Bottom		17X271017	0.027	0.034	1.27			0.8	<0.05	<0.03		<0.05	<0.05		0.006	4.9	4.7	<2	3.0	10.9	21	7.05	10	0.01	8.86					
N8	12-Oct-17	Surface		17X271017	0.017	0.024	1.30			44.2	<0.05	<0.03		<0.05	<0.05		0.008	5.1	4.8	4	5.2	10.7	1140	7.06	610	0.55	8.05					
N8	12-Oct-17	Halocline		17X271017	<MDL	<MDL	0.72			1110	<0.05	<0.03		<5	<5		0.011	2.1	2.1	8	2.6	11.1	22700	7.66	14800	13.14	6.63					
N1	17-Oct-17	Surface		17X273328	0.020	0.022	1.36			0.9	<0.05	<0.03	0.16	0.09	<0.05		0.005	5.2	4.9	0.8	0.8	10.2	22	7.09	11	0.01	7.30					
N4	17-Oct-17	Surface		17X273328	0.027	0.024	1.29			0.8	<0.05	<0.03	0.89	<0.05	<0.05		0.010	5.2	4.9	1	2.6	11.0	20	6.99	11	0.01	7.25					
N4	17-Oct-17	Mid		17X273328	0.028	0.031	1.33			0.8	<0.05	<0.03	0.19	<0.05	<0.05		0.006	5.3	5.1	1.4	2.3	10.8	19	6.98	10	0.01	7.27					
N4	17-Oct-17	Bottom		17X273328	0.034	0.023	1.28			0.8	<0.05	<0.03	0.16	<0.05	<0.05		0.011	5.4	5.0	1.8	2.9	10.9	19	6.98	10	0.01	7.29					
N5	17-Oct-17	Surface		17X273328	0.022	0.032	1.40			0.8	<0.05	<0.03	0.16	<0.05	<0.05		0.008	5.3	4.9	1.8	3.6	11.0	20	6.98	11	0.01	7.55					
N6	17-Oct-17	Surface		17X273328	0.022	0.029	1.40			0.8	<0.05	<0.03	0.18	<0.05	<0.05		0.010	5.0	4.8	2.6	4.1	10.7	20	7.16	11	0.01	7.28					
N7	17-Oct-17	Surface		17X273328	0.025	0.029	1.38			0.8	<0.05	<0.03	0.15	<0.05	<0.05		0.010	5.2	4.9	2.8	5.0	10.2	20	6.98	11	0.01	7.10					
N8	17-Oct-17	Surface		17X273328	0.021	0.020	1.38			19.1	<0.05	<0.03	0.13	<0.05	<0.05		0.010	5.3	5.0	3	4.6	10.6	519	6.99	312	0.28	6.67					
N8	17-Oct-17	Halocline		17X273328	0.010	0.012	1.24			347	<0.05	<0.03	0.11	<2.5	<2.5		0.011	3.7	3.7	3.4	3.9	11.0	7880	7.38	6150	10.04	6.44					
N9	17-Oct-17	Surface		17X273328	<MDL	0.010	0.95			828	<0.05	<0.03	0.12	<5	<5		0.020	2.2	2.0	4.8	2.8	11.4	18100	7.72	11500	10.56	3.73					
N9	17-Oct-17	Halocline		17X273328	<MDL	0.010	0.69			969	<0.05	<0.03	<0.10	<5	<5		0.042	2.5	2.4	4	2.6	11.2	20600	7.79	12900	11.17	5.68					
N10	17-Oct-17	Surface		17X273328	<MDL	<MDL	0.66			1110	<0.05	<0.03	<0.10	<5	<5		0.013	2.5	2.1	2	0.9	11.1	22900	7.83	15300	13.90	5.53					
N10	17-Oct-17	Halocline		17X273328	<MDL	<MDL	0.51			1330	<0.05	<0.03	<0.10	<5	<5		0.043	1.8	2.0	3	0.9	11.0	26700	7.87	17900	16.32	5.86					
N11	17-Oct-17	Surface		17X273328	<MDL	<MDL	0.60			1280	<0.05	<0.03	<0.10	<5	<5		0.012	2.2	1.7	2.8	1.2	11.1	26000	7.88	17300	16.06	5.48					
N11	17-Oct-17	Halocline		17X273328	<MDL	<MDL	0.54			1280	<0.05	0.03	<0.10	<5	<5		0.012	2.0	1.9	3	1.3	11.0	26300	7.89	17300	17.02	5.49					
N12	17-Oct-17	Surface		17X273328	<MDL	<MDL	0.56			1210	<0.05	<0.03	0.14	<5	<5		0.016	2.3	2.4	3.8	1.0	11.1	25000	7.94	16300	15.20	5.57					
N13	17-Oct-17	Surface		17X273328	0.010	0.010	0.40			1890	<0.05	<0.03	<0.10	<10	<10		0.016	1.6	1.2	5.4	2.3	10.9	37100	7.93	25500	24.45	4.93					
N1	25-Oct-17	Surface		17X276180	0.018	0.021	1.32			0.9	<0.05	0.09		<0.05	<0.05		0.004	4.9	4.7	0.4	1.5	10.6	20	6.65	10	0.01	6.49					
N4	25-Oct-17	Surface		17X276180	0.017	0.032	1.31			0.8	<0.05	0.09		<0.05	<0.05		0.007	5.1	4.8	1.4	2.4	11.1	19	6.94	11	0.01	5.62					
N4	25-Oct-17	Mid		17X276180	0.025	0.033	1.30			0.8	<0.05	0.09		<0.05	<0.05		0.006	5.1	5.0	1.6	4.1	11.0	19	6.99	11	0.01	5.57					
N4	25-Oct-17	Bottom		17X276180	0.016	0.025	1.30			0.7	<0.05	0.09		<0.05	<0.05		0.006	5.2	4.9	1	2.6	10.8	19	7.01	10	0.01	5.57					
N5	25-Oct-17	Surface		17X276180	0.020	0.026	1.25			0.9	<0.05	0.09		<0.05	<0.05		0.007	4.9	4.8	3.4	4.8	10.3	20	7.02	10	0.01	6.69					
N6	25-Oct-17	Surface		17X276180	0.015	0.021	1.76			0.8	<0.05	0.09		<0.05	<0.05		0.010	5.0	4.7	4.2	4.9	10.7	21	7	11	0.01	6.63					
N7	25-Oct-17	Surface		17X276180	0.011	0.025	1.33			0.9	<0.05	0.12		<0.05	<0.05		0.007	5.1	4.9	8.4	5.2	11.0	20	7.03	11	0.01	6.35					
N8	25-Oct-17	Surface		17X276180	0.010	0.023	1.28			6.5	<0.05	0.1		<0.05	<0.05		0.008	5.1	4.9	2.6	3.9	11.0	192	7	92	0.05	6.21					
N8	25-Oct-17	Halocline		17X276180	<MDL	0.010	1.04			404	<0.05	0.1		<2.5	<2.5		0.009	4.2	4.2	2.2	2.9	11.0	9720	7.45	4860	6.12	4.72					
N9	25-Oct-17	Surface		17X276180	0.016	0.018	1.59			249	<0.05	0.09		<2.5	<2.5		0.009	5.9	5.7	2.4	2.1	10.6	6160	7.38	3510	3.85	3.85					
N9	25-Oct-17	Halocline		17X276180	<MDL	0.010	0.91			675	<0.05	<0.03		<5.0	<5.0		0.012	2.5	2.2	2.2	2.2	10.9	15600	7.63	9420	9.47	4.64					
N10	25-Oct-17	Surface		17X276180	<MDL	<MDL	0.60			1130	<0.05	0.06		<5.0	<5.0		0.010	1.8	1.7	1.6	1.6	11.0	24700	7.79	15700	13.91	5.50					
N10	25-Oct-17	Halocline		17X276180	<MDL	<MDL	0.47			1290	<0.05	<0.03		<10	<10		0.012	1.5	1.4	1	1.1	10.6	27900	7.87	18200	16.30	5.83					
N11	25-Oct-17	Surface		17X276180	<MDL	0.010	0.62			1030	<0.05	0.09		<5.0	<5.0		0.013	2.1	2.0	1.8	1.9	10.9	22800	7.84	14400	13.37	4.25					
N11	25-Oct-17	Halocline		17X276180	<MDL	0.010	0.57			1080	<0.05	0.09		<10	<10		0.012	1.8	1.7	3.2	2.0	11.1	23800	7.86	15200	14.42	4.55					
N12	25-Oct-17	Surface		17X276180	<MDL	<MDL	0.59			1050	<0.05	0.07		<10	<10		0.012	1.9	1.9	2.2	1.3	10.6	22800	7.82	14400	13.52	4.17					
N12	25-Oct-17	Halocline		17X276180	<MDL	<MDL	0.54			1170	<0.05	<0.03		<10	<10		0.011	1.6	1.6	1.8	1.1	10.8	25500	7.87	17100	15.23	4.49					
N13	25-Oct-17	Surface		17X276180	<MDL	<MDL	0.34			1680	<0.05	<0.03		<10	<10		0.089	0.8	<0.5	2.8	1.9	10.6	34700	7.93	23800	24.85	4.95					
N1	2-Nov-17	Surface		17K280619	0.019	0.022	1.43			0.9	<0.05	0.07	<0.4	0.06	<0.05		<0.006	4.7	4.4	1.4	0.7	12.9	19	6.90	10	0.00	4.60					Total Phosphorus RDL = 0.006 instead of 0.002 mg/L
N4	2-Nov-17	Surface		17K280619	0.026	0.038	1.52			0.8	<0.05	0.07	<0.4	<0.05	<0.05		0.014	4.8	4.6	6	6.4	12.9	18	6.86	10	0.00	5.19					
N4	2-Nov-17	Mid		17K280619	0.034	0.041	1.50			0.7	<0.05	0.07	<0.4	<0.05	<0.05		0.015	4.8	4.4	5.2	7.8	12.8	18	6.87	10	0.00	5.19					
N4	2-Nov-17	Bottom		17K280619	0.024	0.038	1.52			0.8	<0.05	0.06	<0.4	<0.05	<0.05		0.015	4.7	4.5	4.8	6.9	12.9	19	6.88	9	0.00	5.19					

Methylmercury Monitoring Plan Analytics - Water April 2019

					Laboratory Analysis																					In Situ						
Sample Site	Sample Date	Sample Depth	Flett Work Order Number	AGAT Work Order #	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	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 uhmo/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
				RDL	0.01*	0.01*	0.05	0.0000019	0.0000025	0.2	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	*Method Detection Limit (MDL)
N5	2-Nov-17	Surface		17K280619	0.024	0.027	1.59			0.8	<0.05	0.07	<0.4	<0.05	<0.05		0.024	4.6	4.3	6.2	15.9	12.9	19	6.91	11	0.00	6.40					
N6	2-Nov-17	Surface		17K280619	0.022	0.027	1.54			0.9	<0.05	0.06	0.4	<0.05	<0.05		0.027	4.5	4.3	10.2	13.1	12.9	19	6.93	11	0.00	6.44					
N7	2-Nov-17	Surface		17K280619	0.018	0.027	1.51			0.9	<0.05	0.06	<0.4	<0.05	<0.05		0.021	4.1	3.5	8.4	11.1	12.8	20	6.92	10	0.00	5.69					
N8	2-Nov-17	Surface		17K280619	0.017	0.016	1.19			192	<0.05	0.07	<0.4	<0.05	<0.05		0.013	3.8	3.7	5.4	5.7	13.0	4540	7.18	2520	1.02	4.96					
N8	2-Nov-17	Halocline		17K280619	0.017	0.015	0.90			652	<0.05	0.06	0.6	<5	<5		0.013	4.2	4.1	4.2	3.4	12.8	13700	7.54	8190	6.99	5.00					Nitrate as N RDL changed from 0.05 to 5 and then to 10
N11	2-Nov-17	Surface		17K280619	<MDL	0.012	0.56			1340	<0.05	0.05	<0.4	<5	<5		0.023	1.2	1.3	10	5.4	12.7	27400	7.73	17800	16.99	4.71					Nitrite as N RDL changed from 0.05 to 5 to 10
N11	2-Nov-17	Halocline		17K280619	<MDL	<MDL	0.51			1400	<0.05	0.03	<0.4	<5	<5		0.018	1.0	1.2	6.2	2.1	12.7	28600	7.77	18200	17.85	5.01					
N12	2-Nov-17	Surface		17K280619	<MDL	<MDL	0.59			1200	<0.05	<0.03	0.4	<5	<5		0.016	2.1	1.9	3.6	2.0	12.6	24800	7.77	15800	15.12	5.21					
N12	2-Nov-17	Halocline		17K280619	<MDL	<MDL	0.59			1190	<0.05	<0.03	<0.4	<5	<5		0.015	2.0	2.1	3.8	2.8	12.5	24900	7.77	15900	15.19	5.24					
N13	2-Nov-17	Surface		17K280619	<MDL	<MDL	0.41			1780	<0.05	<0.03	<0.4	<10	<10		0.016	1.1	1.0	5	1.1	12.5	34200	7.83	23200	21.35	2.51					
N1	7-Nov-17	Surface		17X280254	0.010	0.013	1.31			0.9	<0.05	<0.03	<0.4	<0.05	<0.05		0.010	5.1	4.8	0.2	0.8	12.5	19	6.92	13	0.00	4.11					
N4	7-Nov-17	Surface		17X280254	0.014	0.017	1.40			0.8	<0.05	0.04	<0.4	<0.05	<0.05		0.014	5.0	4.7	3.2	5.7	12.8	18	6.86	11	0.00	2.75					
N4	7-Nov-17	Mid		17X280254	0.024	0.032	1.42			0.7	<0.05	0.05	<0.4	<0.05	<0.05		0.014	4.9	4.7	3	6.6	12.9	18	6.85	11	0.00	2.78					
N4	7-Nov-17	Bottom		17X280254	0.010	0.017	1.38			0.8	<0.05	0.09	<0.4	<0.05	<0.05		0.031	5.1	4.7	4	6.1	13.1	18	6.85	12	0.00	2.78					
N5	7-Nov-17	Surface		17X280254	0.021	0.030	1.48			0.7	<0.05	<0.03	0.6	0.05	<0.05		<0.002	4.9	4.5	3.8	8.7	11.0	19	6.90	11	0.00	3.46					
N6	7-Nov-17	Surface		17X280254	0.011	0.024	1.43			0.8	<0.05	0.06	0.8	<0.05	<0.05		0.019	5.0	4.8	6.2	9.6	13.4	19	6.89	11	0.00	3.13					
N7	7-Nov-17	Surface		17X280254	0.020	0.013	1.52			0.8	<0.05	<0.03	<0.4	<0.05	<0.05		0.018	5.4	5.2	4	7.2	14.0	21	6.91	11	0.00	2.79					
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	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			57	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 chnaged 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	5.3	5.1	<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	5.6	5.1	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	5.7	5.6	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	5.1	5.0	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	6.1	6.3	13	2.8	12.3	1940	7.28	969	0.86	-0.18					
N9	5-Dec-17	Surface		17X291821	0.011	0.012	0.98			408	<0.05	<0.03	<0.4	<5	<5		0.004	2.5	2.5	2	1.8	12.5	10200	7.52	5830	5.80	-0.37					
N10	5-Dec-17	Surface		17X291821	<MDL	0.010	0.53			1230	<0.05	<0.03	<0.4	<10	<10		0.011	4.5	4.5	2	0.9	12.5	27100	7.78	17700	17.08	-0.93					
N11	5-Dec-17	Surface		17X291821	<MDL	0.011	0.73			862	<0.05	<0.03	0.4	<5	<5		0.009	4.7	4.6	2	1.6	12.3	20500	7.72	12500	12.42	-0.96					
N12	5-Dec-17	Surface		17X291821	<MDL	0.010	0.44			1400	<0.05	0.03	0.4	<10	<10		0.007	4.6	4.5	3	0.8	11.9	31200	7.81	20000	16.49	-1.17					
N13	5-Dec-17	Surface		17X291821	<MDL	0.010	0.35			1810	<0.05	<0.03	0.5	<10	<10		0.024	4.5	4.2	10	3.6	11.9	40000	7.93	26800	26.10	0.66					
N1	19-Dec-17	Surface		17X296506	0.010	0.019	1.14			1	<0.05	0.06	0.4	<0.05	<0.05		0.008	4.5	4.8	<2	1.8	10.1	23	7.08	13	0.00	-0.12					
N4	19-Dec-17	Surface		17X296506	0.010	0.017	0.94			0.9	<0.05	0.09	<0.4	0.07	<0.05		0.006	3.8	3.8	2	2.2	10.5	23	7.08	11	0.00	-0.11					
N4	19-Dec-17	Mid		17X296506	0.010	0.020	0.96			0.9	<0.05	0.06	<0.4	<0.05	<0.05		0.004	5.4	4.6	2	2.2	10.6	22	7.07	11	0.00	-0.12					
N4	19-Dec-17	Bottom		17X296506	0.010	0.021	0.93			0.9	<0.05	0.08	0.5	<0.05	<0.05		0.004	5.5	4.3	2	2.4	10.6	23	7.20	11	0.00	-0.12					
N5	19-Dec-17	Surface		17X296506	0.010	0.021	0.97			1.1	<0.05	0.07	0.5	<0.05	<0.05		0.009	4.0	3.8	4	3.7	11.6	24	7.08	12	0.00	-0.12					
N6	19-Dec-17	Surface		17X296506	0.011	0.032	2.07			0.9	<0.05	0.09	0.6	<0.05	<0.05		0.066	6.9	4.1	60	38.4	11.3	21	7.08	15	0.00	-0.12					
N7	19-Dec-17	Surface		17X296506	0.010	0.018	0.96			0.9	<0.05	0.09	<0.4	<0.05	<0.05		0.005	4.3	3.8	2	3.1	11.8	22	7.09	11	0.00	-0.09					
N8	19-Dec-17	Surface		17X296506	0.010	0.017	0.98			16.4	<0.05	0.11	<0.4	<0.05	<0.05		0.005	3.9	3.6	<2	2.6	12.0	459	7.10	236	0.23	-0.01					
N4	4-Jan-18	Surface	18X300390	18X300147		0.019	0.95			1	<0.05	0.03	0.6	0.08	<0.05		0.020	4.6	3.9	<2	2.0	11.1	21	7.08	14	0.00	-0.11					
N4	4-Jan-18	Mid	18X300390	18X300147		0.018	0.87			0.9	<0.05	<0.03	0.5	<0.05	<0.05		0.006	4.4	4.5	2	2.3	10.8	23	7.15	8	0.00	-0.10					
N4	4-Jan-18	Bottom	18X300390	18X300147		0.021	0.88			2.2	<0.05	<0.03	0.6	<0.05	<0.05		0.005	4.5	4.6	<2	3.0	12.5	65	7.11	23	0.00	-0.10					
N5	4-Jan-18	Surface	18X300390	18X300147		0.016	0.93			0.9	<0.05	<0.03	0.6	<0.05	<0.05		0.008	4.1	3.9	<2	2.6	12.1	23	7.21	9	0.00	-0.12					
N8	4-Jan-18	Surface	18X300390	18X300147		0.017				4	<0.05	<0.03	0.6	<0.05	<0.05		0.006	4.3	4.1	<2	3.8	12.2	119	7.09	55	0.04	-0.13					
N8	4-Jan-18	Halocline	18X300390	18X300147		0.010	0.74			406	<0.05	<0.03	0.6	<5.0	<5.0		0.008	4.4	4.4	2	2.6	12.0	9430	7.45	5260	3.50	0.26					
N9	4-Jan-18	Surface	18X300390	18X300147		0.010	1.26			199	<0.05	<0.03	0.8	<1.0	<1.0		0.005	4.3	4.1	<2	2.0	12.0	5100	7.36	2750	1.73	-0.29					
N10	4-Jan-18	Surface	18X300390	18X300147		0.011	0.84			278	<0.05	0.06	0.4	<2.5	<2.5		0.021	4.0	3.6	<2	1.9	12.2	6970	7.42	3980	2.00	-0.34					
N11	4-Jan-18	Surface	18X300390	18X300147		0.011	0.67			1020	<0.05	<0.03	0.4	<5.0	<5.0		0.014	3.7	3.3	3	3.2	12.0	22500	7.66	13300	15.42	-0.94					
N12	4-Jan-18	Surface	18X300390	18X300147		0.010	1.04			1090	<0.05	<0.03	0.6	<5.0	<5.0		0.032	2.6	2.2	5	3.1	11.6	23100	7.73	15800	20.64	-1.21					
N13	4-Jan-18	Surface	18X300390	18X300147		<MDL	0.35			1950	<0.05	<0.03	<0.4	<10	<10		0.024	3.5	3.6	13	2.1	11.6	38700	7.78	25600	22.07	-1.50					
N1	10-Jan-18	Surface	18X301203	18X301195	0.014	0.024	1.25			1	<0.05	0.04	<0.4	<0.05	<0.05		0.031	4.8	4.6	28	10.7	10.3	26	7.05	13	0.00	-0.11					
N4	10-Jan-18	Surface	18X301203	18X301195	0.017	0.024	0.86			0.9	<0.05	<0.03	0.5	<0.05	<0.05		0.008	4.7	4.6	<2	4.0	10.7	23	7.04	11	0.00	-0.11					
N4	10-Jan-18	Mid	18X301203	18X301195	0.016	0.024	0.88			0.9	<0.05	<0.03	<0.4	<0.05	<0.05		0.007	4.7	4.7	2	4.3	11.6	23	7.03	11	0.00	-0.12					
N4	10-Jan-18	Bottom	18X301203	18X301195	0.018	0.024	0.86			0.9	<0.05	0.03	<0.4	<0.05	<0.05		0.009	4.9	4.7	<2	4.0	11.8	23	7.03	12	0.00	-0.12					
N5	10-Jan-18	Surface	18X301203	18X301195	0.016	0.021	0.91			1	<0.05	<0.03	0.5	<0.05	<0.05		0.009	4.8	4.5	3	4.6	11.8	24	7.06	12	0.00	-0.11					
N6	10-Jan-18	Surface	18X301203	18X301195	0.015	0.030	1.93			0.9	<0.05	<0.03	0.6	<0.05	<0.05		0.064	4.9	4.4	81	44.7	11.7	23	7.06	15	0.00	-0.11					
N7	10-Jan-18	Surface	18X301203	18X301195	0.012	0.047	3.34			0.8	<0.05	<0.03	<0.4	<0.05	<0.05		0.065	4.3	3.8	47	37.1	11.7	21	6.99	16	0.00	-0.11					
N8	10-Jan-18	Surface	18X301203	18X301195	0.016	0.019	0.84			855	<0.05	<0.03	<0.4	<5.0	<5.0		0.007	3.8	3.8	<2	3.1	11.3	19300	7.52	12400	0.00	-0.11					
N8	10-Jan-18	Halocline	18X301203	18X301195	<MDL	0.010	0.49			945	<0.05	<0.03	<0.4	<5.0	<5.0		0.015	4.1	3.9	3	2.0	11.6	21100	7.62	13500	2.85	-0.08					
N11	10-Jan-18	Surface	18X301203	18X301195	0.010	0.010	1.16			368	<0.05	<0.03	0.4	<2.5	<2.5		0.011	2.9	2.7	3	2.9	10.8	9100	7.45	5620	4.63	-0.50					
N9	11-Jan-18	Surface	18X301548	18X301542	0.011	0.020	1.39			152	<0.05	0.07	0.4	0.05	<0.05		0.018	5.4	5.2	7	9.2	11.8	3470	7.28	1930	1.03	-0.21					
N10	11-Jan-18	Surface	18X301548	18X301542	0.010	0.010	0.90			1650	<0.05	<0.03	0.9	<10	<10		0.011	4.6	4.7	<2	1.8	11.4	34800	7.85	22300	9.03	-0.76					
N10	11-Jan-18	Halocline	18X301548	18X301542	<MDL	<MDL	0.36			1930	<0.05	<0.03	<0.4	<10	<10		0.016	4.7	4.7	<2	2.6	11.6	40500	7.89	24600	15.21	-1.13					
N12	11-Jan-18	Surface	18X301548	18X301542	<MDL	<MDL	0.52			459	<0.05	<0.03	<0.4	<5.0	<5.0		0.019	2.8	2.4	3	1.5	12.7	11500	7.55	6710	11.63	-1.25					
N12	11-Jan-18	Halocline	18X301548	18X301542	<MDL	<MDL	0.34			1590	<0.05	<0.03	<0.4	<10	<10		0.017	4.6	4.8	3	1.2	11.6	33600	7.81	22900	12.08	-1.25					
N13	11-Jan-18	Surface	18X301548	18X301542	<MDL	<MDL	0.57			1660	<0.05	<0.03	<0.4	<10	<10		0.027	4.4	4.5	12	2.2	11.8	34500	7.43	24100	12.90	-1.45					
N1	16-Jan-18	Surface	18X302678	18X302676	0.012	0.018	0.97			1.3	<0.05	0.04	<0.4	<0.05	<0.05		0.013	5.4	5.3	<2	2.1	13.4	33	7.41	19	0.00	-0.11					
N9	16-Jan-18	Surface	18X302678	18X302676	0.010	0.012	1.01			186	<0.05	<0.03	<0.4	0.07	0.61		0.012	5.7	5.3	2	3.9	13.0	3520	7.26	2150	2.21	-0.20					
N9	16-Jan-18	Halocline	18X302678	18X302676	0.010	0.010	0.82			179	<0.05	<0.03	<0.4	0.07	0.74		0.016	2.7	2.7	<2	2.7	13.5	4260	7.33	2570	2.37	-0.19					
N10	16-Jan-18	Surface	18X302678	18X302676	0.013	0.013	1.20			109	<0.05	0.04	<0.4	0.07	0.38		0.008	6.2	6.3	<2	2.6	13.3	2720	7.21	1580	1.44	-0.12					
N10	16-Jan-18	Halocline	18X302678	18X302676	<MDL	<MDL	0.41			1460	<0.05	0.04	<0.4	<10	<10		0.019	6.9	5.1	3	0.6	13.4	29600	7.73	20800	14.81	-0.87					
N11	16-Jan-18	Surface	18X302678	18X302676	<MDL	0.010	0.99			1110	<0.05	<0.03	<0.4	<5	<5		0.017	4.6	4.3	2	1.7	12.5	22800	7.67	16000	10.45	-1.01					
N11	16-Jan-18	Halocline	18X302678	18X302676	<MDL	<MDL	0.44			1370	<0.05	<0.03	<0.4	<10	<10		0.016	5.3	4.9	<2	0.7	13.5	27600	7.74	19400	17.62	-1.03					
N12	16-Jan-18	Surface	18X302678	18X302676	<MDL	<MDL	0.40			1250	<0.05	<0.03	<0.4	<10	<10		0.035	4.0	4.2	2	1.4	11.7	25200	7.81	19800	20.85	-1.22					
N12	16-Jan-18	Halocline	18X302678	18X302676	<MDL	<MDL	0.43			1660	<0.05	<0.03	<0.4	<10	<10		0.019	4.6	5.0	2	0.7	13.1	32400	7.81	22800	21.10	-1.25					
N13	16-Jan-18	Surface	18X302678	18X302676	<MDL	<MDL	0.42			1830	<0.05	<0.03	<0.4	<10	<10		0.026	5.1	4.4	5	1.3	13.3	35300	7.83	25700	27.51	-1.54					
N4	17-Jan-18	Surface	18X303047	18X303045	0.018	0.022	0.88			1.2	<0.05	<0.03	<0.3	<0.05	<0.05		0.020	4.8	4.7	3	5.7	9.9	22	7.13	12	0.00	-0.10					
N4	17-Jan-18	Mid	18X303047	18X303045	0.019	0.018	0.83			1	<0.05	<0.03	<0.3	<0.05	<0.05		0.013	5.2	4.9	3	4.8	11.5	23	7.08	10	0.00	-0.11					
N4	17-Jan-18	Bottom	18X303047	18X303045	0.020	0.016	0.82			1.1	<0.05	<0.03	<0.3	<0.05	<0.05		0.013	4.9	4.7	3	5.2	11.6	26	7.23	10	0.00	-0.10					
N5	17-Jan-18	Surface	18X303047	18X303045	0.014	0.015				0.9	<0.05	<0.03	<0.3	<0.05	<0.05		0.018	4.3	4.2	4	4.8	11.5	21	7.10	10	0.01	-0.12					
N6	17-Jan-18	Surface	18X303047	18X303045	0.014	0.063	4.53			0.9	<0.05	<0.03	<0.3	<0.05	<0.05		0.170	5.3	4.6	225	187.0	11.8	22	7.10	25	0.01	-0.12					
N7	17-Jan-18	Surface	18X303047	18X303045	0.015	0.028	1.32			0.9	<0.05	<0.03	<0.3	<0.05	<0.05		0.068	4.4	4.3	309	93.2	11.9	20	7.07	13	0.01	-0.11					
N8	17-Jan-18	Surface	18X303047	18X303045	0.013	0.013	1.08			5.2	<0.05	<0.03	<0.3	<0.05	<0.05		0.016	5.1	5.0	2	4.9	12.4	141	7.07	72	0.58	-0.12					
N1	23-Jan-18	Surface	18X304488	18X304473	0.018	0.015				1	<0.05	<0.03	<0.3	<0.05	<0.05		<0.006	5.1	4.5	<2	1.4	11.4	24	7.07	11	0.00	0.00					
N4	23-Jan-18	Surface	18X304488	18X304473	0.017	0.019	0.90			1	<0.05	<0.03	<0.3	<0.05	<0.05		0.012	4.8	4.7	4	6.4	11.8	24	7.04	11	0.00	0.00					
N4	23-Jan-18	Mid	18X304488	18X304473	0.016	0.011	0.91			1	<0.05	<0.03	<0.3	<0.05	<0.05		0.011	4.8	4.7	5	7.4	11.8	24	7.08	11	0.00	0.00					
N4	23-Jan-18	Bottom	18X304488	18X304473	0.016	0.011	0.87			1.2	<0.05	<0.03	<0.3	<0.05	<0.05		0.010	4.8	4.7	4	7.2	12.4	31	7.16	13	0.00	0.00					
N5	23-Jan-18	Surface	18X304488	18X304473	0.013	0.011	0.99			0.9	<0.05	<0.03	<0.3	<0.05	<0.05		0.015	4.5	4.1	4	5.9	12.4	23	7.06	11	0.00	0.00					
N6	23-Jan-18	Surface	18X304488	18X304473	0.010	0.019	0.90			1	<0.05	<0.03	<0.3	<0.05	<0.05		0.016	4.5	4.6	8	7.3	12.6	24	7.09	11	0.00	0.00					
N7	23-Jan-18	Surface	18X304488	18X304473	0.012	0.018	0.95			1	<0.05	<0.03	<0.3	<0.05	<0.05		0.018	4.7	4.4	5	7.6	12.3	24	7.06	10	0.00	0.00					
N8	23-Jan-18	Surface	18X304488	18X304473	0.014	0.016	0.92			9.4	<0.05	<0.03	<0.3	0.18	<0.05		0.009	4.6	4.2	<2	4.9	12.7	262	7.02	127	0.13	0.40					
N8	6-Feb-18	Surface	18X309061	18X309060	0.015	0.017	0.86			13	<0.05	0.05	<0.3	<0.05	<0.05		0.010	4.5	4.5	1.4	5.8	13.6	360	7.02	177	0.15	0.00		14.41			
N8	6-Feb-18	Halocline	18X309061	18X309060	0.012	0.019	0.78			129	<0.05	0.04	<0.3	<1.0	<1.0		0.010	4.8	4.8	3.4	4.6	13	4040	7.29	1930	11.46	0.40		13.89			
N9	6-Feb-18	Surface	18X309061	18X309060	0.011	0.012	0.72			225	<0.05	<0.03	<0.3	<1.5	<1.5		0.011	4.6	4.5	1	4.7	13.2	5320	7.4	3050	2.97	-0.20		16.23			
N10	6-Feb-18	Surface	18X309061	18X309060	0.010	0.017	0.81			80.4	<0.05	<0.03	<0.3	<1.5	<1.5		0.006	5.3	4.7	<1	3.3	13.8	2080	7.23	1090	1.07	0.10		15.71			
N11	6-Feb-18	Surface	18X309061	18X309060	<MDL	0.012	1.31			390	<0.05	<0.03	<0.3	<2.5	<2.5		0.021	3.3	3.2	5	5.3	10.1	9240	7.47	6110	5.64	-0.40		17.92			
N12	6-Feb-18	Surface	18X309061	18X309060	<MDL	<MDL	0.34			1080	<0.05	<0.03	<0.3	<5.0	<5.0		0.028	1.5	1.2	4.6	2.6	9.8	23100	7.76	15900	11.60	-0.90		12.5			
N13	6-Feb-18	Surface	18X309061	18X309060	<MDL	<MDL	0.31			1880	<0.05	0.04	4	<10.0	<10.0		0.018	1.5	1.5	3	2	11.7	36600	7.8	24700	26.39	-1.40		11.18			
N1	7-Feb-18	Surface	18X309471	18X309470	0.014	0.012	1.14			1.0	<0.05	0.03	<0.3	<0.05	<0.05		0.024	4.6	4.3	10	4.1	12.3	26	7.03	13	0.02	0.00		14.95			

Methylmercury Monitoring Plan Analytics - Water April 2019

					Laboratory Analysis																					In Situ						
Sample Site	Sample Date	Sample Depth	Flett Work Order Number	AGAT Work Order #	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	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 uhmo/cm	pH	Total Dissolved Solids (mg/L)	Salinity (ppt)	Temperature (^{o}C)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH	Total Dissolved Solids (mg/L)	Notes
				RDL	0.01*	0.01*	0.05	0.0000019	0.0000025	0.2	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	*Method Detection Limit (MDL)
N4	7-Feb-18	Surface	18X309471	18X309470	0.016	0.020	0.84			0.9	<0.05	0.04	<0.3	<0.05	<0.05		0.017	4.9	4.3	7	9.3	10.9	21	6.97	11	0.01	0.00		14.88			
N4	7-Feb-18	Mid	18X309471	18X309470	0.019	0.020	0.84			1.1	<0.05	<0.03	<0.3	<0.05	<0.05		0.015	4.9	4.9	7.6	12.3	13.0	29	7.02	13	0.01	0.00		14.87			
N4	7-Feb-18	Bottom	18X309471	18X309470	0.017	0.012	0.85			1.0	<0.05	<0.03	<0.3	<0.05	<0.05		0.015	5.0	4.6	7.6	11.1	13.4	24	7.03	12	0.01	0.00		14.8			
N5	7-Feb-18	Surface	18X309471	18X309470	0.015	0.019	0.81			0.7	<0.05	0.03	<0.3	<0.05	<0.05		0.013	4.4	4.3	5.4	7.3	12.2	22	7.09	11	0.00	0.00		26.43			
N6	7-Feb-18	Surface	18X309471	18X309470	0.015	0.022	1.44			1.1	<0.05	<0.03	<0.3	0.86	<0.05		0.073	4.5	4.2	47.2	41.6	12.0	25	6.63	16	0.01	0.00		14.82			
N7	7-Feb-18	Surface	18X309471	18X309470	0.012	0.017	0.84			0.9	<0.05	<0.03	<0.3	<0.05	<0.05		0.016	4.4	4.4	8	8.6	12.7	22	6.98	11	0.01	0.00		15.56			
N8	20-Feb-18	Surface	18X313116	18X313114	0.014	0.017	0.84			19.1	<0.05	<0.03	<0.3	<0.05	<0.05		0.015	4.8	4.6	1	8.3	12.6	531	7.09	297	0.24	0.10		19.50			
N8	20-Feb-18	Halocline	18X313116	18X313114	0.017	0.016	0.90			17.8	<0.05	<0.03	<0.3	<0.05	<0.05		0.015	5.1	4.6	n/a	7.1	10.2	497	6.87	289	11.53	0.30		14.52			Pump freezing, volume for TSS could not be collected
N9	20-Feb-18	Surface	18X313116	18X313114	0.010	0.015	0.80			135.0	<0.05	<0.03	<0.3	<0.05	<0.05		0.015	4.9	4.6	6	8.3	12.1	3400	7.20	1870	1.56	-0.10		19.31			
N1	22-Feb-18	Surface	18X313933	18X313932	0.014	0.035	1.72			1.1	<0.05	0.04	1.6	0.22	<0.05		0.034	5	4.7	23	11.9	12.5	28	6.97	17	0.01	0.00		14.09			
N4	22-Feb-18	Surface	18X313933	18X313932	0.016	0.019	0.89			1.1	<0.05	0.03	0.6	<0.05	<0.05		0.021	4.8	4.7	8	12.9	13.4	24	7.07	13	0.01	0.00		14.81			
N4	22-Feb-18	Bottom	18X313933	18X313932	0.010	0.018	0.81			1.0	<0.05	0.04	1.3	<0.05	<0.05		0.020	5	4.7	11	13.8	13.4	25	7.05	13	0.01	0.00		14.83			
N5	22-Feb-18	Surface	18X313933	18X313932	0.013	0.017	0.86			1.0	<0.05	0.03	<0.4	<0.05	<0.05		0.025	4.6	4.4	14	21.1	13.8	22	7.02	13	0.01	0.00		17.17			
N6	22-Feb-18	Surface	18X313933	18X313932	<MDL	0.035	1.43			1.0	<0.05	0.04	0.7	<0.05	<0.05		0.118	4.8	4.3	423	405	13.2	23	7.07	15	0.01	0.00		16.86			
N7	22-Feb-18	Surface	18X313933	18X313932	<MDL	0.022	0.87			1.1	<0.05	0.03	<0.4	<0.05	<0.05		0.038	4.8	4.5	50	24.6	13.2	25	7.06	14	0.01	0.00		14.49			
N1	7-Mar-18	Surface	18X318370	18X318062	0.030	0.043	2.01			1.5	<0.05	0.06	<0.4	0.06	<0.05		0.029	5.1	4.9	14	5.0		38	7.3	19	0.01	0.10		15.97			
N4	7-Mar-18	Surface	18X318370	18X318062	0.019	0.018	0.79			0.9	<0.05	0.03	<0.4	<0.05	<0.05		0.024	4.3	4.0	8	9.2		25	7.13	11	0.10	0.00		15.6			
N4	7-Mar-18	Mid	18X318370	18X318062	0.015	0.017	0.75			0.9	<0.05	0.05	<0.4	<0.05	<0.05		0.028	4.5	4.3	10	11.0		23	7.09	11	0.10	0.00		14.89			
N4	7-Mar-18	Bottom	18X318370	18X318062	0.017	0.017	0.79			0.9	<0.05	0.06	<0.4	<0.05	<0.05		0.022	4.6	4.4	10	10.6		23	7.07	11	0.10	0.00		14.93			
N5	7-Mar-18	Surface	18X318370	18X318062	0.014	0.020	0.84			0.8	<0.05	0.04	<0.4	<0.05	<0.05		0.026	4.0	4.0	10	10.1		21	7.05	11	0.01	0.00		17.21			
N6	7-Mar-18	Surface	18X318370	18X318062	0.015	0.018	0.94			0.9	<0.05	0.05	0.4	<0.05	<0.05		0.069	4.4	4.2	45	21.8		23	7.07	14	0.00	0.00		17.5			
N7	7-Mar-18	Surface	18X318370	18X318062	0.014	0.019	0.98			0.9	<0.05	<0.03	<0.4	<0.05	<0.05		0.040	4.5	4.1	31	13.7		24	7.07	12	0.00	0.00		16.8			
N8	8-Mar-18	Surface	18X318449	18X318435	0.012	0.018	0.79			17.8	<0.05	<0.03	<0.4	<0.05	<0.05		0.020	4.4	4.2	2	11.2		522	7.08	239	0.24	0.10		15.68			
N8	8-Mar-18	Halocline	18X318449	18X318435	0.010	0.010	0.55			274	<0.05	0.05	<0.4	<0.05	<0.05		0.020	5.0	4.8	5	9.7		6890	7.44	4940	7.51	0.00		15.15			
N9	8-Mar-18	Surface	18X318449	18X318435	0.011	0.017	0.87			180	<0.05	0.03	0.4	<0.05	<0.05		0.023	5.3	5.0	4	9.6		3390	7.26	1700	1.54	-0.10		15.7			
N9	8-Mar-18	Halocline	18X318449	18X318435	0.011	0.013	0.75			257	<0.05	<0.03	<0.4	<0.05	<0.05		0.020	3.0	3.5	7	9.4		6480	7.51	2750	5.50	0.00		15.68			
N10	8-Mar-18	Surface	18X318449	18X318435	0.015	0.017	0.88			68.2	<0.05	0.03	1	0.05	<0.05		0.015	5.3	5.2	2	4.9		1900	7.23	910	1.11	-0.10		15.62			
N10	8-Mar-18	Halocline	18X318449	18X318435	0.012	0.015	0.84			248	<0.05	0.04	1.5	<0.05	<0.05		0.015	3.7	3.7	3	4.4		6280	7.43	2580	8.20	-0.10		15.76			
N11	8-Mar-18	Surface	18X318449	18X318435	0.011	0.015	0.58			52	<0.05	0.03	0.9	<0.05	<0.05		0.011	2.9	2.9	1	3.6		1640	7.21	789	0.81	-0.10		15.17			
N11	8-Mar-18	Halocline	18X318449	18X318435	0.010	0.010	0.62			421	<0.05	0.05	0.9	<5	<5		0.013	3.6	3.4	12	2.7		10000	7.55	5300	6.06	-0.30		15.5			
N12	8-Mar-18	Surface	18X318449	18X318435	0.010	0.010	0.75			322	<0.05	0.04	0.9	<5	<5		0.017	4.7	5.0	2	3.6		8050	7.52	4230	3.96	-0.20		15.71			
N12	8-Mar-18	Halocline	18X318449	18X318435	<MDL	0.010	0.54			484	<0.05	0.04	1.2	<5	<5		0.014	2.9	3.0	2	1.4		11800	7.63	7360	8.58	-0.04		15.36			
N13	8-Mar-18	Surface	18X318449	18X318435	<MDL	0.026	0.80			1350	<0.05	0.05	1.3	<10	<10		0.060	1.0	1.2	17	8.6		29400	7.80	17900	23.56	-1.20		12.84			
N1	21-Mar-18	Surface	18X322376	18X322375	0.017	0.026	1.64			1.1	<0.05	<0.03	0.7	<0.05	<0.05		0.019	5.6	4.9	20	7.3		28	7.27	15	0.01	0.40		14.15			
N4	21-Mar-18	Surface	18X322376	18X322375	0.017	0.021	0.78			0.9	<0.05	<0.03	0.5	0.07	<0.05		0.010	4.1	4.1	4	5.8		22	7.20	11	0.01	0.00		14.27			
N4	21-Mar-18	Mid	18X322376	18X322375	0.017	0.014	0.70			0.9	<0.05	0.06	0.5	<0.05	<0.05		0.010	4.4	4.2	5	6.2		23	7.20	12	0.01	0.00		14.38			
N4	21-Mar-18	Bottom	18X322376	18X322375	0.018	0.019	0.72			1	<0.05	0.05	0.6	<0.05	<0.05		0.010	3.9	4.4	6	6.8		24	7.19	12	0.01	0.00		14.32			
N5	21-Mar-18	Surface	18X322376	18X322375	0.015	0.022	0.79			0.9	<0.5	0.05	0.4	<0.05	<0.05		0.013	3.9	3.4	6	8.4		23	7.21	12	0.01	0.00		16.28			
N6	21-Mar-18	Surface	18X322376	18X322375	0.015	0.018	0.72			0.9	<0.5	0.03	0.6	<0.05	<0.05		0.017	4.3	4.0	10	9.5		22	7.21	11	0.01	0.00		16.48			
N7	21-Mar-18	Surface	18X322376	18X322375	0.014	0.014	0.79			0.9	<0.05	0.04	0.4	0.07	<0.05		0.026	3.9	3.7	19	11.6		22	7.19	12	0.01	0.00		16.3			
N8	22-Mar-18	Surface	18X322796	18X322795	0.014	0.016	0.70			9.3	<0.05	<0.03	0.6	<0.05	<0.05		0.009	4.0	3.9	2	7.2		269	7.25	132	0.13	0.00		15.54			
N8	22-Mar-18	Halocline	18X322796	18X322795	0.012	0.017	0.71			24.2	<0.05	<0.03	0.7	<0.05	<0.05		0.012	4.3	4.1	4	6.7		676	7.27	380	4.70	0.10		15.52			
N9	22-Mar-18	Surface	18X322796	18X322795	0.011	0.015	0.87			170	<0.05	0.03	0.5	<1.0	<1.0		0.010	5.3	5.1	4	4.9		4180	7.48	2220	1.53	-0.10		15.64			
N9	22-Mar-18	Halocline	18X322796	18X322795	0.010	0.011	0.61			691	<0.05	0.03	0.6	<5	<5		0.012	2.1	2.1	5	4.2		15200	7.69	8840	6.95	0.00		15.75			
N10	22-Mar-18	Surface	18X322796	18X322795	0.010	0.013	0.73			56	<0.05	<0.03	0.5	<0.5	0.5		0.009	4.3	4.1	3	6.9		1390	7.35	782	0.69	0.00		16.22			
N10	22-Mar-18	Halocline	18X322796	18X322795	0.011	0.012	0.76			168	<0.05	0.04	0.6	<1.0	<1.0		0.006	4.9	4.7	2	4.0		4010	7.44	2170	4.58	-0.10		15.22			
N11	22-Mar-18	Surface	18X322796	18X322795	<MDL	0.010	0.64			335	<0.05	<0.03	0.6	<5	<5		0.007	5.1	4.9	2	1.5		7770	7.57	4370	4.13	-0.20		15.53			
N11	22-Mar-18	Halocline	18X322796	18X322795	<MDL	0.010	0.41			1210	<0.05	<0.03	0.6	<10	<10		0.016	1.9	2.0	2	2.3		25200	7.79	16200	8.45	-0.30		13.61			
N12	22-Mar-18	Surface	18X322796	18X322795	<MDL	0.010	0.70			306	<0.05	0.03	0.6	<5	<5		0.008	4.8	4.6	1	2.1		6930	7.59	4020	3.65	-0.20		16.01			
N12	22-Mar-18	Halocline	18X322796	18X322795	<MDL	<MDL	0.60			525	<0.05	0.04	0.5	<5	<5		0.008	2.7	2.9	<1	1.1		11900	7.68	7020	6.76	-0.40		15.31			
N13	22-Mar-18	Surface	18X322796	18X322795	<MDL	<MDL	0.33			2080	<0.05	0.03	<0.4	<10	<10		0.022	0.8	0.8	4	2.5		40600	7.91	27400	25.49	-1.30		12.92			
N1	3-Apr-18	Surface	18x325918	18X325917	0.021	0.051	1.68			1.7	<0.05	<0.03	<0.4	0.07	<0.05		0.034	4.7	4.2	25	6.3		36	7.18	19							
N4	3-Apr-18	Surface	18X325918	18X325917	0.013	0.021	0.67			0.9	<0.05	<0.03	<0.4	0.1	<0.05		0.010	2.4	2.3	1	2.6		20	6.98	11							
N4	3-Apr-18	Mid	18X325918	18X325917	0.015	0.019	0.65			0.9	<0.05	0.05	<0.4	<0.05	<0.05		0.008	2.6	2.6	2	2.7		21	7.10	10							
N4	3-Apr-18	Bottom	18X325918	18X325917	0.015	0.019	0.65			0.9	<0.05	<0.03	<0.4	<0.05	<0.05		0.007	2.7	2.7	3	2.8		21	7.03	10							
N5	3-Apr-18	Surface	18X325918	18X325917	0.017	0.022	0.83			1.2	<0.05	0.03	<0.4	0.78	<0.05		0.012	2.4	2.2	4	4.8		22	6.62	10							
N6	3-Apr-18	Surface	18X325918	18X325917	0.017	0.048	3.15			1.1	<0.05	0.04	<0.4	0.05	<0.05		0.213	2.7	2.4	96	113.0		21	6.94	23							
N7	3-Apr-18	Surface	18X325918	18X325917	0.015	0.024	0.91			1.6	<0.05	<0.03	<0.4	0.05	<0.05		0.029	2.6	2.4	28	8.9		23	6.92	12							
N8	3-Apr-18	Surface	18X325918	18X325917	0.013	0.021	0.75			13.6	<0.05	0.04	<0.4	<0.05	<0.05		0.016	2.7	2.4	2	3.9		270	6.44	166							
N8	3-Apr-18	Halocline	18X325918	18X325917	0.012	0.016	0.64			40.7	<0.05	<0.03	<0.4	<0.05	<0.05		0.010	2.6	2.3	3	4.4		998	7.11	508							
N9	3-Apr-18	Surface	18X325918	18X325917	0.010	0.014	0.74			120	<0.05	0.04	1.4	<0.05	<0.05		0.018	2.6	2.3	3	5.3		3050	7.24	1700							
N9	3-Apr-18	Halocline	18X325918	18X325917	<MDL	0.010	0.39			972	<0.05	0.03	0.4	<5	<5		0.016	0.6	2.7	4	2.8		21900	7.72	13500							
N10	4-Apr-18	Surface	18X326341	18X326340	0.010	0.020	1.00			72.7	<0.05	<0.03	<0.4	<0.05	0.71		0.016	3.3	3.1	3	4.6		1820	7.02	967							
N10	4-Apr-18	Halocline	18X326341	18X326340	<MDL	<MDL	0.50			875	<0.05	0.05	<0.4	<5	<5		0.015	0.7	0.8	2	1.8		20200	7.65	12300							
N11	4-Apr-18	Surface	18X326341	18X326340	<MDL	0.010	0.66			223	<0.05	0.04	<0.4	<0.05	1.72		0.010	3	2.8	1	1.6		5780	7.42	3420							
N11	4-Apr-18	Halocline	18X326341	18X326340	<MDL	<MDL	0.44			982	<0.05	0.05	<0.4	<5	<5		0.016	0.7	0.6	1	1.2		22200	7.74	14000							
N12	4-Apr-18	Surface	18X326341	18X326340	<MDL	0.010	0.67			203	<0.05	<0.03	<0.4	0.11	1.97		0.016	3.1	3	<1	1.4		5320	7.49	3170							
N12	4-Apr-18	Halocline	18X326341	18X326340	<MDL	<MDL	0.38			1300	<0.05	0.04	<0.4	<10	<10		0.018	0.5	<0.5	2	3		27300	7.8	17700							
N13	4-Apr-18	Surface	18X326341	18X326340	<MDL	<MDL	0.29			2020	<0.05	<0.03	<0.4	<10	<10		0.031	0.9	0.7	6	2.3		41600	7.9	28500							
N8	17-Apr-18	Surface	18X330014	18X330013	0.015	0.020	0.76			13.6	<0.05	<0.03	<0.4	<0.05	<0.05		0.010	3.5	3.2	2	3.7		374	7.06	187							
N8	17-Apr-18	Halocline	18X330014	18X330013	0.010	0.012	0.62			25	<0.05	0.06	<0.4	<0.05	<0.05		0.010	3.9	0.5	3	5.1		2660	7.11	1730							
N9	17-Apr-18	Surface	18X330014	18X330013	0.011	0.017	0.91			117	<0.05	<0.03	<0.4	<0.05	<0.05		0.010	4.1	3.7	3	3.8		3200	7.18	1720							
N9	17-Apr-18	Halocline	18X330014	18X330013	0.014	0.013	0.73			123	<0.05	<0.03	<0.4	<0.05	<0.05		0.008	4.0	3.8	2	3.7		3060	7.19	1630							
N10	17-Apr-18	Surface	18X330014	18X330013	0.010	0.017	0.89			97.7	<0.05	0.04	<0.4	0.05	<0.05		0.008	5.7	5.2	1	2.8		2460	7.29	1280							
N10	17-Apr-18	Halocline	18X330014	18X330013	<MDL	<MDL	0.40			1180	<0.05	0.04	<0.4	<10	<10		0.015	2.2	2.0	2	1.9		25000	7.59	16100							
N11	17-Apr-18	Surface	18X330014	18X330013	<MDL	0.010	0.94			220	<0.05	<0.03	<0.4	<0.05	<0.05		0.025	4.4	3.7	10	13.1		5430	7.34	3110							
N11	17-Apr-18	Halocline	18X330014	18X330013	0.010	<MDL	0.59			252	<0.05	<0.03	<0.4	<0.05	<0.05		0.006	4.4	4.3	<1	2.9		6230	7.39	3560							
N12	17-Apr-18	Surface	18X330014	18X330013	<MDL	0.010	0.82			324	<0.05	<0.03	<0.4	<5	<5		0.019	4.5	4.3	6	5.8		7510	7.51	4830							
N12	17-Apr-18	Halocline	18X330014	18X330013	<MDL	<MDL	0.54			498	<0.05	0.05	<0.4	<0.05	<0.05		0.010	1.8	1.8	<1	1.8		11500	7.48	7340							
N13	17-Apr-18	Surface	18X330014	18X330013	<MDL	<MDL	0.26			1920	<0.05	0.06	<0.4	<10	<10		0.022	1.6	1.3	4	1.1		39000	7.74	27000							
N1	19-Apr-18	Surface	18X330764	18X330767	0.018	0.041	1.61			1.1	<0.05	<0.03	<0.4	0.07	<0.05		0.034	5.2	4.7	32	12.5		26	6.98	15							
N4	19-Apr-18	Surface	18X330764	18X330767	0.017	0.026	0.78			1	<0.05	0.07	<0.4	<0.05	<0.05		0.011	4.7	4.6	2	4.0		24	6.91	12							
N4	19-Apr-18	Mid	18X330764	18X330767	0.020	0.022	0.68			1	<0.05	<0.03	<0.4	0.11	<0.05		0.006	4.5	4.8	2	3.1		22	6.95	11							
N4	19-Apr-18	Bottom	18X330764	18X330767	0.019	0.026	0.67			0.9	<0.05	<0.03	<0.4	<0.05	<0.05		0.008	4.8	4.3	2	4.3		23	6.98	10							
N5	19-Apr-18	Surface	18X330764	18X330767	0.018	0.024	0.78			1.1	<0.05	0.03	<0.4	<0.05	<0.05		0.011	4.9	4.4	7	7.6		24	7.00	12							
N6	19-Apr-18	Surface	18X330764	18X330767	0.013	0.020	0.69			0.9	<0.05	0.04	<0.4	<0.05	<0.05		0.011	4.0	3.9	2	5.1		21	6.96	11							
N7	19-Apr-18	Surface	18X330764	18X330767	0.010	0.023	0.85			1	<0.05	0.03	<0.4	<0.05	<0.05		0.015	4.0	4.1	4	4.3		24	6.97	11							
N8	1-May-18	Surface	18X334427	18X334385	0.014	0.031	1.19			4.4	<0.05	0.06	<0.4	0.05	<0.05		0.012	2.3	2.0	3	6.3		142	6.69	67	0.12	0.80		15.01			
N8	1-May-18	Halocline	18X334427	18X334385	0.010	0.010	0.57			308	<0.05	0.05	<0.4	<2.5	<2.5		0.010	3.7	2.6	4	4.3		7930	7.36	4770	4.60	0.10		15.56			
N9	1-May-18	Halocline	18X334427	18X334385	0.010	0.012	0.54			344	<0.05	0.04	<0.4	<2.5	4.8		0.014	2.3	2.2	2	5.7		8160	7.48	6200	6.73	0.20		14.83			
N10	1-May-18	Halocline	18X334427	18X334385	0.010	0.020	0.64			89.5	<0.05	0.04	<0.4	<0.05	0.8		<0.002	5.0	4.8	2	3.0		2870	7.29	1350	3.46	0.00		15.83			
N11	1-May-18	Halocline	18X334427	18X334385	<MDL	0.010	0.59			297	<0.05	0.04	<0.4	<2.5	4.5		0.004	2.4	2.4	2	1.3		6970	7.45	4230	3.90	-0.20		15.56			
N12	1-May-18	Halocline	18X334427	18X334385	<MDL	<MDL	0.37			1150	<0.05	0.05	<0.4	<10	18		<0.002	2.7	2.4	2	0.8		26100	7.75	16300	9.74	-0.30		14.17			
N13	1-May-18	Surface	18X334427	18X334385	<MDL	<MDL	0.40			1440	<0.05	0.07	<0.4	<10	21		0.009	2.4	1.7	3	1.1		37800	7.93	22600	23.92	0.50		13.25			
N1	3-May-18	Surface	18X335594	18X335593	0.021	0.022	4.26			0.2	<0.05	<0.03	<0.4	<0.05	<0.05		0.038	10.0	8.4	3	2.7		9	5.98	4	0.01	0.30		14.4			
N4	3-May-18	Surface	18X335594	18X335593	0.027	0.030	1.58			0.8	<0.05	<0.03	<0.4	0.07	<0.05		0.031	4.7	4.3	8	9.4		18	6.85	10	0.01	0.00		14.16			
N4	3-May-18	Mid	18X335594	18X335593	0.019	0.030	1.38			0.9	<0.05	<0.03	<0.4	0.08	<0.05		0.033	5.5	5.4	7	10.1		22	6.96	11	0.01	0.00		14.16			
N4	3-May-18	Bottom	18X335594	18X335593	0.024	0.018	1.30			0.8	<0.05	<0.03	<0.4	0.05	<0.05		0.038	5.6	4.9	7	9.8		22	7.14	12	0.01	0.00		14.18			
N5	3-May-18	Surface	18X335594	18X335593	0.022	0.018	1.17			0.6	<0.05	<0.03	<0.4	<0.05	<0.05		0.059	4.1	3.6	8	10.6		17	6.92	9	0.01	0.10		16.41			
N6	3-May-18	Surface	18X335594	18X335593	0.017	0.019	1.18			0.7	<0.05	<0.03	<0.4	<0.05	<0.05		0.031	4.0	3.6	10	10.4		19	6.94	10	0.01	0.00		16.63			
N7	3-May-18	Surface	18X335594	18X335593	0.024	0.043	4.07			0.7	<0.05	0.03	<0.4	0.06	<0.05		0.192	7.9	7.8	87	47.5		21	6.80	18	0.10	0.00		15.66			
N1	12-Jun-18	Surface	18X349767	18X349765	0.024	0.027	2.14			0.7	<0.05	0.48	<0.4	0.08	<0.05		0.006	6.3	6.0	3	1.2		16	6.84	5	0.01	3.90		13.17			
N4	12-Jun-18	Surface	18X349767	18X349765	0.028	0.029	2.51			0.5	<0.05	0.1	<0.4	<0.05	<0.05		0.011	6.9	6.0	11	3.4		15	6.66	5	0.01	3.70		13.37			
N4	12-Jun-18	Mid	18X349767	18X349765	0.027	0.032	2.46			0.6	<0.05	0.42	<0.4	<0.05	<0.05		0.039	6.9	6.0	21	7.8		15	6.68	6	0.01	3.60		13.39			
N4	12-Jun-18	Bottom	18X349767	18X349765	0.024	0.024	4.78			0.6	<0.05	0.13	<0.4	<0.05	<0.05		0.015	6.6	5.9	5	5.2		16	6.65	4	0.01	3.60		13.34			
N5	12-Jun-18	Surface	18X349767	18X349765	0.024	0.030	2.31			0.6	<0.05	0.08	<0.4	<0.05	<0.05		0.013	6.7	5.8	11	5.3		15	6.69	5	0.01	3.60		15.47			
N6	12-Jun-18	Surface	18X349767	18X349765	0.023	0.026	2.41			0.6	<0.05	0.08	<0.4	<0.05	<0.05		0.013	6.7	5.9	17	6.2		15	6.71	8	0.01	3.70		16.04			
N7	12-Jun-18	Surface	18X349767	18X349765	0.025	0.030	2.41			0.6	<0.05	0.05	<0.4	<0.05	<0.05		0.016	6.6	6.0	27	8.2		15	6.69	5	0.01	3.60		15.08			
N8	12-Jun-18	Surface	18X349767	18X349765	0.019	0.027	2.38			0.6	<0.05	0.05	<0.4	<0.05	<0.05		0.016	6.6	5.9	23	7.6		16	6.76	5	0.01	3.60		16.46			
N8	12-Jun-18	Halocline	18X349767	18X349765	0.017	0.026	2.44			10.7	<0.05	0.07	<0.4	<0.05	<0.05		0.024	6.3	6.0	30	9.2		363	6.78	123	0.20	3.60		16.13			
N9	14-Jun-18	Surface	18X350863	18X350857	0.017	0.024	2.57			60.2	<0.05	<0.03	<0.4	<0.05	0.71		0.021	6.9	6.3	11	12.5		1800	6.97	845	0.87	4.60		13.68			
N9	14-Jun-18	Halocline	18X350863	18X350857	0.015	0.022	2.36			164	<0.05	<0.03	<0.4	0.06	1.67		0.017	6.3	5.6	10	10.6		3960	7.11	2040	1.31	4.30		13.43			
N10	14-Jun-18	Surface	18X350863	18X350857	0.011	0.019	1.73			88.5	<0.05	<0.03	<0.4	<0.05	1.03		0.010	6.0	5.5	2	4.0		2600	7.13	1310	1.28	5.00		13.12			
N10	14-Jun-18	Halocline	18X350863	18X350857	0.011	0.016	1.73			87.1	<0.05	<0.03	<0.4	<0.05	1.04		0.011	6.2	5.4	3	4.8		2560	7.14	1310	1.29	4.90		12.94			
N11	14-Jun-18	Surface	18X350863	18X350857	0.011	0.014	1.62			137	<0.05	<0.03	<0.4	<0.05	1.64		0.011	5.5	4.7	3	5.4		4150	7.21	1980	2.14	2.60		13.4			
N11	14-Jun-18	Halocline	18X350863	18X350857	0.010	0.014	1.61			173	<0.05	<0.03	<0.4	<0.05	2.03		0.012	5.4	4.8	3	5.8		4920	7.28	2520	2.70	3.60		12.11			
N12	14-Jun-18	Surface	18X350863	18X350857	0.010	0.015	1.22			150	<0.05	<0.03	<0.4	<0.05	1.83		0.010	4.3	3.7	2	3.2		4620	7.31	2230	2.39	1.30		13.82			
N12	14-Jun-18	Halocline	18X350863	18X350857	0.010	0.027	1.13			345	<0.05	<0.03	<0.4	<0.05	3.6		0.011	3.6	3.4	3	1.2		9590	7.51	4670	4.56	1.50		13.38			
N13	14-Jun-18	Surface	18X350863	18X350857	<MDL	0.010	0.53			1340	<0.05	<0.03	<0.4	11	34		0.020	5.5	5.0	3	3.5		33500	7.88	19800	20.55	2.40		12.3			
N1	27-Jun-18	Surface	18X355675	18X355660	0.022	0.032	2.02			0.6	<0.05	<0.03	<0.4	0.08	<0.05		<0.004	6.6	6.1	<1	0.9		16	6.81	8	0.01	7.70		12.02			
N4	27-Jun-18	Surface	18X355675	18X355660	0.026	0.034				0.7	<0.05	<0.03	<0.4	<0.05	<0.05		0.006	6.7	6.3	1	2.3		15	6.62	4	0.01	8.10		12.11			
N4	27-Jun-18	Mid	18X355675	18X355660	0.023	0.033	2.13			0.6	<0.05	<0.03	2.2	<0.05	<0.05		0.009	6.9	6.3	2	2.2		15	6.62	4	0.01	8.10		12.08			
N4	27-Jun-18	Bottom	18X355675	18X355660	0.024	0.031	2.04			0.7	<0.05	<0.03	<0.4	<0.05	<0.05		0.007	6.7	6.1	1	2.6		16	6.61	4	0.01	8.10		12.04			
N5	27-Jun-18	Surface	18X355675	18X355660	0.021	0.028	2.16			0.9	<0.05	0.04	<0.4	<0.05	<0.05		0.010	6.5	6.2	4	4.3		16	6.65	5	0.01	7.70		13.74			
N6	27-Jun-18	Surface	18X355675	18X355660	0.022	0.029	2.17			0.7	<0.05	<0.03	0.5	<0.05	<0.05		0.012	6.6	6.1	12	6.5		16	6.66	8	0.01	7.70		13.51			
N7	27-Jun-18	Surface	18X355675	18X355660	0.021	0.031	2.33			0.7	<0.05	<0.03	<0.4	<0.05	<0.05		0.012	7.0	6.6	8	6.3		16	D	5	0.01	8.50		12.81			
N8	29-Jun-18	Surface	18X356355	18X356324	0.020	0.027	2.32			8.7	<0.05	<0.03	0.5	<0.05	0.1		0.009	6.2	5.8	2	4.9					0.12	10.20		12.67			
N8	29-Jun-18	Halocline	18X356355	18X356324	0.020	0.030	2.16			4.2	<0.05	<0.03	0.9	<0.05	<0.05		0.010	6.1	5.5	3	4.8					0.24	8.90		12.99			
N9	29-Jun-18	Surface	18X356355	18X356324	0.022	0.020	2.33			18.9	<0.05	<0.03	<0.4	<0.05	0.24		0.016	5.3	5.0	5	7.9					0.35	9.50		12.38			
N9	29-Jun-18	Halocline	18X356355	18X356324	0.018	0.021	2.07			152	<0.05	<0.03	<0.4	<0.05	<0.05		0.016	6.4	5.9	3	4.7					6.17	6.30		12.49			
N10	29-Jun-18	Surface	18X356355	18X356324	0.026	0.020	1.95			120	<0.05	<0.03	0.8	<0.05	0.96		0.010	6.4	5.9	3	4.6					1.58	10.20		12			

Methylmercury Monitoring Plan Analytics - Water April 2019

Sample Site	Sample Date	Sample Depth	Flett Work Order Number	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	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 uhmo/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
				RDL	0.01*	0.01*	0.05	0.0000019	0.0000025	0.2	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	*Method Detection Limit (MDL)
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					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					1.30	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					1.30	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					1.64	9.70		12.4			
N12	29-Jun-18	Halocline	18X356355	18X356324	0.016	0.013	1.56			111	<0.05	<0.03	<0.4	<0.05	<0.05		0.010	5.8	5.2	2	3.9					1.67	9.20		12.31			
N13	29-Jun-18	Surface	18X356355	18X356324	0.010	0.010	1.03			977	<0.05	0.03	0.8	<10	<10		0.016	2.9	2.9	2	2.2					14.73	5.50		12.31			
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			911	<0.05	0.03	1.1	<10	14		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	6.82	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	0.031	0.043	1.59			0.7	<0.05	<0.03	0.4	<0.05	<0.05		0.006	6.3	5.8	1	1.1		18	6.96	9	0.01	15.60		10.19			
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	0.012	0.92			762	<0.05	<0.03	<0.4	<5	<5		0.014	2.9	2.0	2	2.4		20700	7.57	10900	10.59	7.90		11.07			
N10	20-Jul-18	Surface	18X364787	18X364769	<MDL	0.010	1.16			537	<0.05	<0.03	1.4	<5	<5		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	<5	<5		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	0.010	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	0.018	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	0.017	0.90			932	<0.05	<0.03	<0.4	12	<5		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	0.028	0.034	1.46			0.6	<0.05	0.03	<0.4	<0.05	<0.05		0.005	6.2	5.6	1	2.6		19	6.97	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	17.20		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		10.6			
N8	24-Jul-18	Surface	18X365972	18X365971	0.017	0.027	1.50			35.5	<0.05	0.03	<0.4	<0.05	<0.05		0.007	6.6	5.8	2	3.1		1160	7.00	530	0.54	18.00		10.19			
N8	24-Jul-18	Halocline	18X365972	18X365971	0.012	0.019	1.15			327	<0.05	0.03	<0.4	<5	<5		0.011	3.0	2.7	2	3.3		9480	7.34	3990	9.42	9.50		10.95			
N9	24-Jul-18	Surface	18X365972	18X365971	0.012	0.015	1.43			116	<0.05	0.04	<0.4	<0.5	<0.5		0.009	6.8	6.0	2	3.1		3360	7.20	1660	1.81	17.70		10.08			
N9	24-Jul-18	Halocline	18X365972	18X365971	<MDL	0.012	1.27			564	<0.05	<0.03	<0.4	<5	<5		0.015	2.3	2.0	2	3.0		15800	7.54	9310	13.77	5.50		11.32			
N10	24-Jul-18	Surface	18X365972	18X365971	<MDL	0.010	1.19			320	<0.05	0.03	<0.4	<5	<5		0.007	3.1	2.8	<1	1.3		8920	7.45	4560	4.81	17.20		9.94			
N10	24-Jul-18	Halocline	18X365972	18X365971	<MDL	<MDL	1.10			415	<0.05	0.03	<0.4	<5	<5		0.006	3.0	2.7	1	1.5		11600	7.51	6060	6.31	15.30		10.04			
N1	1-Aug-18	Surface	18X369220	18X369219	0.022	0.035	1.82			0.7	<0.05	0.03	<0.4	0.06	<0.05		0.006	6.5	5.4	1	1.5		19	7.14	13	0.01	18.50		9.49			
N4	1-Aug-18	Surface	18X369220	18X369219	0.037	0.051	2.22			0.6	<0.05	0.03	<0.4	<0.05	<0.05		0.012	6.7	4.1	3	6.1		18	7.05	8	0.01	18.20		9.35			
N4	1-Aug-18	Mid	18X369220	18X369219	0.034	0.052	2.10			0.6	<0.05	<0.03	<0.4	<0.05	<0.05		0.012	6.3	6.1	3	5.7		18	7.03	9	0.01	18.10		9.3			
N4	1-Aug-18	Bottom	18X369220	18X369219	0.036	0.053	2.22			0.6	<0.05	0.03	<0.4	0.06	<0.05		0.014	6.8	6.0	3	5.4		18	7.08	9	0.01	18.10		9.27			
N5	1-Aug-18	Surface	18X369220	18X369219	0.040	0.044	2.22			0.6	<0.05	0.03	<0.4	<0.05	<0.05		0.013	6.8	6.0	6	8.1		18	7.08	9	0.01	17.70		11.42			
N6	1-Aug-18	Surface	18X369220	18X369219	0.033	0.041	2.28			0.6	<0.05	0.03	<0.4	<0.05	<0.05		0.014	6.8	6.3	8	9.5		18	7.05	9	0.01	17.50		11.27			
N7	1-Aug-18	Surface	18X369220	18X369219	0.034	0.04	2.66			0.6	<0.05	0.03	<0.4	<0.05	<0.05		0.031	8.4	7.3	12	14.6		18	6.97	10	0.01	17.60		10.56			
N8	1-Aug-18	Surface	18X369220	18X369219	0.027	0.042	2.07			11.7	<0.05	0.03	<0.4	<0.05	<0.05		0.018	6.3	5.7	4	10.7		391	7.03	178	0.22	18.50		10.15			
N8	1-Aug-18	Halocline	18X369220	18X369219	<MDL	0.01	0.73			922	<0.05	0.03	<0.4	<5	<5		0.025	4.7	3.2	2	3.6		23700	7.70	12700	15.08	5.60		10.67			
N9	1-Aug-18	Surface	18X369220	18X369219	0.015	0.031	1.73			128	<0.05	0.04	<0.4	<0.05	<0.05		0.013	6.7	5.7	3	8.9		3220	7.35	1790	1.61	18.60		9.91			
N9	1-Aug-18	Halocline	18X369220	18X369219	<MDL	<MDL	0.76			475	<0.05	0.04	<0.4	<5	<5		0.012	2.8	2.7	2	5.1		13500	7.66	7850	9.49	8.70		10.51			
N10	1-Aug-18	Surface	18X369220	18X369219	0.010	0.018	1.70			234	<0.05	0.03	<0.4	<0.5	<0.5		0.013	4.8	4.3	2	3.7		6660	7.54	3570	3.68	18.70		9.52			
N10	1-Aug-18	Halocline	18X369220	18X369219	<MDL	0.015	1.35			297	<0.05	0.03	<0.4	<5	<5		0.013	3.4	2.9	3	3.3		8710	7.61	4620	4.73	15.90		9.77			
N13	1-Aug-18	Surface	18X369220	18X369219	<MDL	<MDL	0.58			1320	<0.05	0.09	<0.4	<10	<10		0.018	3.0	2.7	2	1.3		32300	7.89	20100	20.35	6.30		10.67			
N1	8-Aug-18	Surface	18X371351	18X371369	0.017	0.028	1.48			1.2	<0.05	0.04	<0.20	<0.05	<0.05		<0.002	4.800	4.3	<1	0.9		27.0	7.15	12	0.01	18.40		9.4			
N4	8-Aug-18	Surface	18X371351	18X371369	0.036	0.047	1.66			0.6	<0.05	0.04	0.27	<0.05	<0.05		0.006	5.300	4.6	1.0	1.4		19.0	7.03	9	0.01	19.40		8.98			
N4	8-Aug-18	Mid	18X371351	18X371369	0.034	0.088	1.64			0.5	<0.05	0.04	<0.10	<0.05	<0.05		0.004	5.300	4.7	<1	1.7		19.0	7.03	9	0.01	19.40		9.05			
N4	8-Aug-18	Bottom	18X371351	18X371369	0.030	0.056	1.74			0.5	<0.05	0.04	0.22	<0.05	<0.05		0.006	5.200	4.6	1.0	1.5		19.0	7.04	9	0.01	19.40		9.04			
N5	8-Aug-18	Surface	18X371351	18X371369	0.033	0.043	1.85			0.5	<0.05	0.04	<0.10	<0.05	<0.05		0.01	5.400	4.8	3.0	3.4		19.0	7.03	9	0.01	19.10		11.1			
N6	8-Aug-18	Surface	18X371351	18X371369	0.036	0.048	1.87			0.6	<0.05	0.04	0.11	<0.05	<0.05		0.011	5.400	5.0	4.0	4.2		19.0	7.03	9	0.01	18.80		10.69			
N7	8-Aug-18	Surface	18X371351	18X371369	0.031	0.045	1.86			0.6	<0.05	0.04	0.11	<0.05	<0.05		0.011	5.500	5.0	4.0	4.4		19.0	7.03	9	0.01	18.50		10.13			
N8	8-Aug-18	Surface	18X371351	18X371369	0.025	0.039	1.98			17.3	<0.05	0.04	<0.10	<0.05	0.26		0.01	6.200	5.4	2.0	4.2		645.0	7.02	319	0.31	19.10		9.53			
N8	9-Aug-18	Halocline	18X372037	18X372038	<MDL	0.021	1.06			622	<0.05	0.09	<0.10	8	13		0.012	1.8	1.4	2	2.8		16100	7.49	9030	7.95	13.40		10.6			
N9	9-Aug-18	Surface	18X372037	18X372038	0.021	0.028	1.94			116	<0.05	0.04	<0.10	<0.05	1.32		0.013	6.2	5.8	4	7.7		3480	7.25	1800	1.70	17.10		9.64			
N9	9-Aug-18	Halocline	18X372037	18X372038	0.016	0.024	1.40			157	<0.05	0.04	<0.10	<0.05	1.56		0.014	6.1	5.3	3	4.7		4220	7.32	2380	5.95	14.60		9.67			
N10	9-Aug-18	Surface	18X372037	18X372038	0.010	0.029	1.29			237	<0.05	0.04	0.17	<0.05	2.36		0.009	5.1	4.8	2	2.6		7070	7.46	3550	3.77	17.50		9.62			
N10	9-Aug-18	Halocline	18X372037	18X372038	<MDL	<MDL	0.63			1040	<0.05	0.04	<0.10	<5	17		0.016	1.8	1.6	2	2.0		27300	7.76	13500	8.65	13.20		9.75			
N11	9-Aug-18	Surface	18X372037	18X372038	<MDL	<MDL	0.87			571	<0.05	0.04	<0.10	<5	9		0.011	1.6	1.7	1	1.3		15700	7.74	9100	8.88	13.80		9.97			
N11	9-Aug-18	Halocline	18X372037	18X372038	<MDL	<MDL	0.82			557	<0.05	<0.03	<0.10	<5	10		0.016	1.3	1.5	2	1.0		15900	7.75	8870	9.78	13.40		10.02			
N12	9-Aug-18	Surface	18X372037	18X372038	<MDL	<MDL	0.92			476	<0.05	0.06	<0.10	<5	13		0.006	2.0	1.6	<1	0.7		13700	7.72	7220	7.63	15.20		9.83			
N12	9-Aug-18	Halocline	18X372037	18X372038	<MDL	0.010	0.95			833	<0.05	0.04	<0.10	<5	14		0.014	2.4	2.1	2	0.6		23200	7.81	11600	10.13	12.70		10.07			
N13	9-Aug-18	Surface	18X372037	18X372038	<MDL	<MDL	0.44			1370	<0.05	0.05	<0.20	<10	24		0.021	1.0	0.7	2	0.3		36700	7.91	22300	22.23	5.20		10.64			
N1	16-Aug-18	Surface	18X374621	18X374612	0.015	0.026	1.34			0.8	<0.05	<0.03	<0.4	0.06	<0.05		0.007	3.8	3.6	<1	0.7		21	7.09	10	0.01	17.50		9.65			
N4	16-Aug-18	Surface	18X374621	18X374612	0.033	0.058	1.38			0.7	<0.05	0.03	<0.4	<0.05	<0.05		0.008	4.2	3.8	1	1.8		21	7.05	9	0.01	18.10		9.19			
N4	16-Aug-18	Mid	18X374621	18X374612	0.045	0.065	1.58			0.6	<0.05	0.04	<0.4	<0.05	<0.05		0.007	4.1	3.7	1	1.4		21	7.03	9	0.01	18.10		9.04			
N4	16-Aug-18	Bottom	18X374621	18X374612	0.048	0.065	1.46			0.6	<0.05	0.04	<0.4	<0.05	<0.05		0.007	4.2	3.9	<1	1.5		20	7.01	9	0.01	18.00		8.91			
N5	16-Aug-18	Surface	18X374621	18X374612	0.026	0.041	1.50			0.6	<0.05	0.04	<0.4	<0.05	<0.05		0.008	4.2	4.1	3	2.7		20	7.03	9	0.01	18.30		11.15			
N8	16-Aug-18	Surface	18X374621	18X374612	0.016	0.039	1.59			8.9	<0.05	0.04	<0.4	<0.05	0.17		0.007	4.4	4.3	2	3.3		294	7.01	131	0.12	18.30		10			
N8	16-Aug-18	Halocline	18X374621	18X374612	<MDL	<MDL	0.67			960	<0.05	<0.03	<0.4	<5	<5		0.015	1.3	<0.5	2	1.1		22800	7.62	14400	14.26	6.50		10.49			
N6	17-Aug-18	Surface	18X375237	18X375233	0.028	0.038	1.45			0.8	<0.05	0.05	<0.3	<0.05	<0.05		0.008	4.0	4.0	4	3.5		22	7.19	12	0.01	17.60		10.91			
N7	17-Aug-18	Surface	18X375237	18X375233	0.027	0.046	1.62			0.7	<0.05	<0.03	<0.3	<0.05	<0.05		0.013	4.2	3.9	6	4.0		22	7.10	11	0.01	17.50		10.5			
N9	17-Aug-18	Surface	18X375237	18X375233	0.010	0.024	1.56			132	<0.05	<0.03	<0.3	<1.0	2.4		0.007	4.8	4.4	2	3.8		4210	7.21	2050	2.28	15.90		9.82			
N10	17-Aug-18	Surface	18X375237	18X375233	<MDL	0.011	1.11			334	<0.05	<0.03	<0.3	<5	6		0.008	4.2	4.0	1	1.3		9490	7.54	5350	5.34	14.80		9.8			
N10	17-Aug-18	Halocline	18X375237	18X375233	<MDL	0.025	0.95			717	<0.05	0.03	<0.3	<10	14		0.007	<0.5	0.6	2	1.1		18600	7.69	10700	11.82	10.70		9.86			
N1	30-Aug-18	Surface	18X379936	18X379923	0.026	0.034	1.96			0.8	<0.05	0.03	<0.3	<0.05	<0.05		0.008	6.4	5.2	1	1.8		21	7.00	10	0.01	14.70		10.04			
N4	30-Aug-18	Surface	18X379936	18X379923	0.053	0.073	1.41			0.7	<0.05	0.03	<0.3	<0.05	<0.05		0.011	5.7	5.0	2	3.9		21	7.09	10	0.01	16.00		9.32			
N4	30-Aug-18	Mid	18X379936	18X379923	0.059	0.078	1.38			0.8	<0.05	0.03	<0.3	<0.05	<0.05		0.010	5.6	5.0	2	3.6		21	7.07	9	0.01	16.00		9.34			
N4	30-Aug-18	Bottom	18X379936	18X379923	0.056	0.08	1.42			0.7	<0.05	0.03	<0.3	<0.05	<0.05		0.012	5.8	5.1	1	3.5		21	7.07	9	0.01	16.00		9.36			
N5	30-Aug-18	Surface	18X379936	18X379923	0.033	0.041	1.33			0.7	<0.05	<0.03	<0.3	<0.05	<0.05		0.011	5.4	4.5	5	5.5		21	7.11	10	0.01	16.10		12.05			
N6	30-Aug-18	Surface	18X379936	18X379923	0.032	0.042	1.38			0.7	<0.05	<0.03	<0.3	<0.05	<0.05		0.015	5.3	4.6	8	7.2		21	7.11	10	0.01	15.30		11.72			
N7	30-Aug-18	Surface	18X379936	18X379923	0.033	0.049	2.73			0.7	<0.05	<0.03	<0.3	<0.05	<0.05		0.030	6.2	5.8	14	12.7		21	6.97	10	0.01	15.20		11.11			
N8	30-Aug-18	Surface	18X379936	18X379923	0.026	0.034	1.29			21.7	<0.05	<0.03	<0.3	<0.05	0.37		0.026	5.3	4.8	4	4.9		768	7.12	403	0.36	15.90		10.54			
N8	30-Aug-18	Halocline	18X379936	18X379923	<MDL	0.010	0.74			756	<0.05	0.03	<0.3	<5	14		0.011	<0.5	0.6	4	2.4		17600	7.62	11800	11.17	10.10		9.99			
N9	30-Aug-18	Surface	18X379936	18X379923	0.018	0.026	1.34			172	<0.05	0.03	<0.3	<0.05	2.08		0.015	6.2	6.0	5	6.3		5050	7.41	2590	2.61	14.30		9.94			
N9	30-Aug-18	Halocline	18X379936	18X379923	<MDL	<MDL	0.62			719	<0.05	0.03	<0.3	<5	12		0.014	1.2	<0.5	4	2.0		18600	7.72	12000	14.77	7.90		10.34			
N10	30-Aug-18	Surface	18X379936	18X379923	<MDL	0.011	0.94			455	<0.05	0.03	<0.3	<5	9		0.008	2.1	1.5	1	1.6		12000	7.67	6810	6.81	13.90		10			
N10	30-Aug-18	Halocline	18X379936	18X379923	<MDL	0.013	0.96			468	<0.05	<0.03	<0.3	<5	9		0.010	1.6	1.9	1	1.6		12300	7.65	6900	14.12	8.80		9.92			
N11	31-Aug-18	Surface	18X380168	18X380145	<MDL	0.010	0.99			475	<0.05	<0.03	<0.3	<5	10		0.010	2.2	1.7	8	4.1		11200	7.55	6590	6.17	14.20		9.91			
N11	31-Aug-18	Halocline	18X380168	18X380145	<MDL	0.015	1.26			434	<0.05	0.03	0.5	<5	8		0.121	1.9	1.8	52	52.7		11200	7.66	6070	6.17	14.20		9.89			
N12	31-Aug-18	Surface	18X380168	18X380145	<MDL	0.010	0.85			496	<0.05	0.03	<0.3	<5	9		0.009	1.5	0.9	4	0.9		12900	7.70	7430	7.27	14.30		9.97			
N12	31-Aug-18	Halocline	18X380168	18X380145	<MDL	0.010	0.84			513	<0.05	<0.03	<0.3	<5	10		0.009	1.7	1.4	1	1.9		13300	7.73	7780	7.33	14.10		9.94			
N13	31-Aug-18	Surface	18X380168	18X380145	<MDL	0.010	0.59			1210	<0.05	0.03	<0.3	<10	23		0.021	<0.5	<0.5	2	1.0		29400	7.86	18100	18.27	8.90		10.47			
N1	4-Sep-18	Surface	18X380963	18X380954	0.017	0.034	1.48			6	<0.05	<0.03	<0.3	<0.05	0.09		0.006	6.2	5.6	2	2.5		175	7.11	56	0.01	15.70		9.86			
N5	4-Sep-18	Surface	18X380963	18X380954	0.032	0.040	1.75			0.8	<0.05	<0.03	<0.3	<0.05	<0.05		0.013	6.2	6.0	6	6.4		20	7.05	11	0.01	15.60		11.94			
N6	4-Sep-18	Surface	18X380963	18X380954	0.027	0.041	1.81			0.7	<0.05	<0.03	<0.3	<0.05	<0.05		0.021	6.6	6.0	11	9.8		20	7.04	10	0.01	15.50		11.24			
N7	4-Sep-18	Surface	18X380963	18X380954	0.018	0.041	1.79			0.7	<0.05	<0.03	<0.3	<0.05	<0.05		0.018	6.6	6.0	11	9.2		21	7.04	10	0.01	15.60		11.02			
N4	5-Sep-18	Surface	18X381749	18X381737	0.047	0.057	1.74			0.8	<0.05	0.03	<0.3	<0.05	<0.05		0.010	6.3	5.8	3	3.8		20	7.08	9	0.01	15.40		9.73			
N4	5-Sep-18	Mid	18X381749	18X381737	0.049	0.064	1.65			0.6	<0.05	<0.03	<0.3	<0.05	<0.05		0.011	6.1	5.7	3	3.8		20	7.04	9	0.01	15.40		9.67			
N4	5-Sep-18	Bottom	18X381749	18X381737	0.037	0.066	1.70			0.6	<0.05	0.03	<0.3	<0.05	<0.05		0.010	6.4	5.5	2	3.5		21	7.22	10	0.01	15.40		9.63			
N8	5-Sep-18	Surface	18X381749	18X381737	0.021	0.031	1.56			81.4	<0.05	<0.03	<0.3	<0.05	1.06		0.013	6.7	5.6	6	5.4		2580	7.25	1260	1.31	14.70		10.27			
N8	5-Sep-18	Halocline	18X381749	18X381737	0.020	0.036	1.81			101	<0.05	0.03	<0.3	<0.05	1.22		0.111	6.6	6.1	42	17.4		3080	7.31	1450	13.83	0.80		10.26			
N13	5-Sep-18	Surface	18X381749	18X381737	0.010	0.015	0.62			1110	<0.05	0.03	<0.3	<5	21		0.025	0.9	0.6	2	2.2		28800	7.78	17400	18.39	8.70		11.19			
N1	12-Sep-18	Surface	18X384569	18X384557	0.025	0.028	1.50			0.7	<0.05	0.07	<0.3	0.08	<0.05		0.007	6.0	5.4	<1	2.7		20	6.93	10	0.01	13.20		10.47			
N4	12-Sep-18	Surface	18X384569	18X384557	0.050	0.060	1.78			0.7	<0.05	0.06	<0.3	<0.05	<0.05		0.010	6.2	5.8	29	3.6		20	6.94	10	0.01	12.90		10.28			
N4	12-Sep-18	Mid	18X384569	18X384557	0.049	0.059	1.63			0.7	<0.05	0.06	<0.3	<0.05	<0.05		0.011	6.3	5.7	1	3.2		20	6.95	10	0.01	12.90		10.22			
N4	12-Sep-18	Bottom	18X384569	18X384557	0.051	0.059	1.56			1	<0.05	0.06	<0.3	<0.05	<0.05		0.010	5.5	5.0	2	2.5		20	6.97	13	0.01	12.90		10.29			
N5	12-Sep-18	Surface	18X384569	18X384557	0.031	0.039	1.62			0.9	<0.05	0.06	<0.3	<0.05	<0.05		0.014	5.4	4.8	3	4.2		20	6.99	13	0.01	13.20		12.25			
N6	12-Sep-18	Surface	18X384569	18X384557	0.030	0.041	1.68			0.7	<0.05	0.08	<0.3	<0.05	<0.05		0.013	5.2	5.0	4	5.1		22	7.21	11	0.01	13.00		11.63			
N7	12-Sep-18	Surface	18X384569	18X384557	0.033	0.041	1.65			0.8	<0.05	0.07	<0.3	<0.05	<0.05		0.014	5.5	5.2	5	5.2		23	7.03	12	0.01	13.00		11.42			

Methylmercury Monitoring Plan Analytics - Water April 2019

Sample Site	Sample Date	Sample Depth	Flett Work Order Number	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	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 uhmo/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	0.2	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	*Method Detection Limit (MDL)
N8	12-Sep-18	Surface	18X384569	18X384557	0.019	0.034	1.34			106	<0.05	0.06	<0.3	<0.05	1.51		0.009	5.8	5.2	<1	3.0		3070	7.34	1580	1.66	12.40		10.04			
N8	12-Sep-18	Halocline	18X384569	18X384557	<MDL	0.015	0.70			720	<0.05	0.06	<0.3	<2.5	12		0.018	<0.5	<0.5	2	2.3		17000	7.62	11200	13.09	8.80		10.41			
N9	13-Sep-18	Surface	18X385122	18X384795	0.013	0.018	1.13			367	<0.05	0.06	2.3	<0.05	<0.05		0.015	2.0	4.5	2	4.0		8630	7.55	5500	6.59	11.00		10.83			
N9	13-Sep-18	Halocline	18X385122	18X384795	<MDL	<MDL	0.62			1210	<0.05	0.05	<0.3	<5	<5		0.020	<0.5	<0.5	2	1.4		24300	7.74	14600	11.08	8.00		10.75			
N10	13-Sep-18	Surface	18X385122	18X384795	<MDL	<MDL	0.60			943	<0.05	0.05	1.7	<5	<5		0.015	<0.5	<0.5	2	0.8		20700	7.80	14500	14.52	10.00		10.3			
N11	13-Sep-18	Surface	18X385122	18X384795	<MDL	<MDL	0.76			666	<0.05	0.05	1.7	<5	<5		0.012	<0.5	0.5	1	1.4		15000	7.76	9850	9.80	11.50		10.5			
N12	13-Sep-18	Surface	18X385122	18X384795	<MDL	0.010	0.71			606	<0.05	0.05	1.9	<5	<5		0.011	<0.5	0.5	<1	0.9		14000	7.74	9240	9.39	11.00		10.45			
N13	13-Sep-18	Surface	18X385122	18X384795	<MDL	<MDL	0.44			1270	<0.05	0.06	<0.3	<10	<10		0.019	<0.5	<0.5	2	0.9		26000	7.86	19000	21.39	6.60		10.54			
N1	18-Sep-18	Surface	18X386810	18X386796	0.025	0.034	1.35			0.8	<0.05	0.07	0.16	<0.05	<0.05		0.004	4.0	3.4	<1	1.2		22	7.27	10							
N4	18-Sep-18	Surface	18X386810	18X386796	0.034	0.048	1.41			0.7	<0.05	0.07	0.22	<0.05	<0.05		0.004	3.9	3.5	<1	2.6		20	7.16	10							
N4	18-Sep-18	Mid	18X386810	18X386796	0.038	0.049	1.38			0.6	<0.05	0.07	<0.10	<0.05	<0.05		0.005	4.0	3.6	1	1.4		20	7.05	9							
N4	18-Sep-18	Bottom	18X386810	18X386796	0.041	0.056	1.43			0.6	<0.05	0.06	0.18	<0.05	<0.05		0.004	3.8	3.5	<1	1.7		20	7.07	9							
N5	18-Sep-18	Surface	18X386810	18X386796	0.031	0.042	1.49			0.7	<0.05	0.09	0.11	<0.05	<0.05		0.005	4.0	3.6	2	3.2		21	7.14	10							
N6	18-Sep-18	Surface	18X386810	18X386796	0.031	0.044	1.43			0.7	<0.05	0.09	0.15	<0.05	<0.05		0.005	6.5	6.2	3	4.3		21	7.12	10							
N7	18-Sep-18	Surface	18X386810	18X386796	0.033	0.043	1.49			0.6	<0.05	0.07	0.16	<0.05	<0.05		0.004	3.9	3.6	3	3.9		21	7.12	9							
N8	18-Sep-18	Surface	18X386810	18X386796	0.019	0.031	1.37			92.4	<0.05	0.09	0.11	<0.05	<0.05		0.004	4.0	3.6	2	3.2		2800	7.22	1390							
N8	18-Sep-18	Halocline	18X386810	18X386796	0.011	0.010	0.72			395	<0.05	0.06	0.14	<2.5	<2.5		0.005	3.8	3.4	2	2.0		11100	7.51	5380							
N9	19-Sep-18	Surface	18X387264	18X387260	0.016	0.023	1.21			623	<0.05	0.08	0.11	<2.5	<2.5		0.008	3.9	3.9	2	3.0		7850	7.24	4910							
N9	19-Sep-18	Halocline	18X387264	18X387260	<MDL	0.012	0.72			791	<0.05	0.08	<0.10	<5	<5		0.020	<0.5	<0.5	3	1.5		21000	7.57	12200							
N10	19-Sep-18	Surface	18X387264	18X387260	<MDL	0.010	0.69			813	<0.10	0.08	<0.10	<5	<5		<0.006	<0.5	<0.5	2	1.7		21400	7.70	12700							
N10	19-Sep-18	Halocline	18X387264	18X387260	<MDL	0.010	0.53			1040	<0.05	0.08	<0.10	<5	<5		0.014	0.6	<0.5	1	1.1		26900	7.75	16100							
N11	19-Sep-18	Surface	18X387264	18X387260	<MDL	0.010	0.71			681	<0.05	0.08	<0.10	<5	<5		0.012	2.2	2.1	7	6.3		18400	7.72	10700							
N11	19-Sep-18	Halocline	18X387264	18X387260	<MDL	<MDL	0.74			703	<0.05	0.08	<0.10	<5	<5		0.013	0.6	<0.5	3	3.6		19200	7.72	11300							
N12	19-Sep-18	Surface	18X387264	18X387260	<MDL	<MDL	0.67			659	<0.05	0.08	<0.10	<5	<5		0.011	<0.5	<0.5	<1	0.8		18900	7.72	11100							
N12	19-Sep-18	Halocline	18X387264	18X387260	<MDL	<MDL	0.39			940	<0.05	0.08	<0.10	<5	<5		0.021	<0.5	<0.5	<1	1.3		24300	7.75	16900							
N13	19-Sep-18	Surface	18X387264	18X387260	<MDL	<MDL	0.51			1060	<0.05	0.09	<0.20	<5	<5		0.013	<0.5	<0.5	2	1.0		27400	7.77	17000							
N1	25-Sep-18	Surface	18X389593	18X389592	0.027	0.029	1.31			0.9	<0.05	<0.03	0.18	<0.05	<0.05		0.004	6.6	5.9	4	1.4		24	7.17	11							
N4	25-Sep-18	Surface	18X389593	18X389592	0.034	0.045	1.39			0.7	<0.05	<0.03	0.11	<0.05	<0.05		0.013	6.3	6.0	8	14.2		22	7.20	12							
N4	25-Sep-18	Mid	18X389593	18X389592	0.035	0.044	1.39			0.7	<0.05	<0.03	0.23	<0.05	<0.05		0.018	6.3	5.9	7	13.6		22	7.22	12							
N4	25-Sep-18	Bottom	18X389593	18X389592	0.035	0.046	1.40			0.8	<0.05	<0.03	0.37	<0.05	<0.05		0.018	6.2	5.7	12	13.7		22	7.23	12							
N5	25-Sep-18	Surface	18X389593	18X389592	0.029	0.039	1.53			0.8	<0.05	<0.03	<0.10	<0.05	<0.05		0.017	6.2	5.7	12	14.6		22	7.23	12							
N6	25-Sep-18	Surface	18X389593	18X389592	0.028	0.034	1.50			0.8	<0.05	<0.03	0.26	<0.05	<0.05		0.014	6.2	5.7	10	15.4		23	7.25	12							
N7	25-Sep-18	Surface	18X389593	18X389592	0.028	0.043	1.50			0.8	<0.05	<0.03	0.17	<0.05	<0.05		0.017	6.4	6.1	9	14.1		25	7.26	12							
N8	25-Sep-18	Surface	18X389593	18X389592	0.014	0.020	1.10			345	<0.05	<0.03	0.16	<0.05	<1.5		0.012	3.0	2.9	8	5.9		9720	7.54	5080							
N9	26-Sep-18	Surface	18X390117	18X390116	0.011	0.010	0.73			981	<0.05	<0.03	<0.10	<5	<5		0.017	2.9	2.5	18	4.5		20200	7.64	12300							
N10	26-Sep-18	Surface	18X390117	18X390116	<MDL	<MDL	0.45			1230	<0.05	<0.03	<0.10	<10	<10		0.016	1.9	1.9	4	1.4		26500	7.76	17100							
N11	26-Sep-18	Surface	18X390117	18X390116	<MDL	<MDL	0.50			1130	<0.05	<0.03	<0.10	<10	<10		0.016	2.0	2.0	10	2.9		24400	7.78	15700							
N12	26-Sep-18	Surface	18X390117	18X390116	<MDL	<MDL	0.55			988	<0.05	<0.03	<0.10	<5	<5		0.011	2.3	2.2	<1	1.8		22700	7.78	14600							
N13	26-Sep-18	Surface	18X390117	18X390116	<MDL	<MDL	0.34			1500	<0.10	<0.03	0.11	<10	<10		0.019	1.6	1.2	8	1.0		31800	7.87	22200							
N1	1-Oct-18	Surface	18X392990	18X392916	0.021	0.027	1.33			3.9	<0.05	0.13	0.21	<0.05	<0.05		0.099	5.7	5.1	<1	0.8		105	7.06	36	0.01	8.30		11.75			
N4	1-Oct-18	Surface	18X392990	18X392916	0.029	0.039	1.44			0.7	<0.05	0.38	<0.10	<0.05	<0.05		0.007	5.8	5.7	1	3.0		21	7.03	11	0.01	8.70		11.43			
N4	1-Oct-18	Mid	18X392990	18X392916	0.036	0.044	1.36			0.7	<0.05	0.43	<0.10	<0.05	<0.05		0.008	5.8	5.6	2	2.8		21	7.02	10	0.01	8.70		11.46			
N4	1-Oct-18	Bottom	18X392990	18X392916	0.030	0.041	1.39			0.8	<0.05	0.28	0.11	<0.05	<0.05		0.010	5.9	5.4	1	3.6		21	7.01	11	0.01	8.70		11.5			
N5	1-Oct-18	Surface	18X392990	18X392916	0.027	0.034	1.39			0.7	<0.05	0.07	<0.10	<0.05	<0.05		0.018	5.7	5.6	4	4.8		21	7.03	10	0.01	9.10		13.43			
N6	1-Oct-18	Surface	18X392990	18X392916	0.025	0.034	1.42			0.8	<0.05	0.03	0.14	<0.05	<0.05		0.014	5.7	5.3	5	6.7		21	7.04	11	0.01	8.70		12.99			
N7	1-Oct-18	Surface	18X392990	18X392916	0.029	0.036	1.59			0.8	<0.05	<0.03	<0.10	<0.05	<0.05		0.019	5.9	5.5	8	7.2		24	7.06	11	0.01	8.00		12.6			
N8	1-Oct-18	Surface	18X392990	18X392916	0.015	0.026	1.17			235	<0.05	<0.03	<0.10	<1.5	<1.5		0.020	3.3	5.6	7	5.1		6460	7.38	3540	3.74	7.40		11.95			
N8	1-Oct-18	Halocline	18X392990	18X392916	<MDL	0.010	0.73			868	<0.05	<0.03	<0.10	<5	<5		<0.002	2.2	2.2	8	2.3		20800	7.70	13200	13.31	5.70		11.2			
N9	3-Oct-18	Surface	18X393829	18X393723	0.010	0.014	0.97			2050	<0.05	<0.03	0.14	<5	<5		0.01	3.4	3.2	5.0	3.2		12400	7.59	9050	7.48	6		12.19			
N9	3-Oct-18	Halocline	18X393829	18X393723	<MDL	0.010	0.61			961	<0.05	<0.03	<0.10	<10	<10		0.016	2.2	1.8	4.0	1.9		21800	7.72	14700	15.33	5.1		11.59			
N10	3-Oct-18	Surface	18X393829	18X393723	<MDL	<MDL	0.42			1270	<0.05	<0.03	<0.10	<10	<10		0.014	1.2	0.5	8.0	0.7		27000	7.79	18900	18.17	5.2		11.43			
N11	3-Oct-18	Surface	18X393829	18X393723	<MDL	0.010	0.55			1060	<0.05	<0.03	0.12	<10	<10		0.016	1.9	1.6	6.0	1.6		22600	7.79	15600	14.99	5.8		11.5			
N11	3-Oct-18	Halocline	18X393829	18X393723	<MDL	<MDL	0.45			1200	<0.05	<0.03	0.24	<10	<10		0.022	1.4	1.3	8.0	1.2		24900	7.80	17500	16.82	6.1		11.22			
N12	3-Oct-18	Surface	18X393829	18X393723	<MDL	<MDL	0.45			1100	<0.05	<0.03	0.11	<10	<10		0.015	1.8	1.3	8.0	1.6		23400	7.80	16000	15.49	6.2		11.36			
N13	3-Oct-18	Surface	18X393829	18X393723	<MDL	<MDL	0.38			1380	<0.05	<0.03	0.13	<10	<10		0.016	1.1	0.9	9.0	1.8		28200	7.85	20600	19.01	5.9		10.93			
N1	10-Oct-18	Surface	18X395942	18X395585	0.021	0.026	1.30			3.7	<0.05	0.04	<0.10	0.08	<0.05		0.004	6.2	5.2	<1	1.0		103	7.08	35	0.01	6.8		12.07			
N4	10-Oct-18	Surface	18X395942	18X395585	0.028	0.034	1.32			0.8	<0.05	0.03	<0.10	<0.05	<0.05		0.005	5.5	5.1	2	2.7		21	7.00	9	0.01	6.3		12.25			
N4	10-Oct-18	Mid	18X395942	18X395585	0.028	0.032	1.29			0.7	<0.05	0.03	<0.10	<0.05	<0.05		0.006	5.4	4.8	2	2.6		21	7.00	9	0.01	6.3		12.23			
N4	10-Oct-18	Bottom	18X395942	18X395585	0.025	0.033	1.29			0.7	<0.05	0.03	<0.10	<0.05	<0.05		0.002	5.2	4.9	2	2.6		20	6.99	9	0.01	6.3		12.27			
N5	10-Oct-18	Surface	18X395942	18X395585	0.026	0.031	1.31			0.8	<0.05	0.03	<0.10	<0.05	<0.05		<0.002	5.1	4.9	3	5.8		21	7.00	10	0.01	6.7		14.15			
N6	10-Oct-18	Surface	18X395942	18X395585	0.026	0.032	1.37			0.8	<0.05	0.03	<0.10	<0.05	<0.05		<0.002	5.4	5.2	5	6.0		21	7.00	10	0.01	6.5		13.82			
N7	10-Oct-18	Surface	18X395942	18X395585	0.021	0.032	1.41			0.8	<0.05	0.03	<0.10	<0.05	<0.05		<0.002	5.5	5.2	5	5.6		23	7.01	10	0.01	6.2		13.33			
N8	10-Oct-18	Surface	18X395942	18X395585	0.013	0.024	1.08			310	<0.05	<0.03	<0.10	<2.5	<2.5		<0.002	2.9	2.8	4	4.4		8710	7.47	4710	4.72	5.1		12.39			
N8	10-Oct-18	Halocline	18X395942	18X395585	0.010	0.022	1.05			409	<0.05	<0.03	<0.10	<2.5	<2.5		0.002	2.5	2.4	2	3.2		11400	7.58	6020	11.68	4.6		11.54			
N9	11-Oct-18	Surface	18X396308	18X396291	0.010	0.015	1.03			503	<0.05	<0.03	0.22	<5	<5		0.331	3.1	2.4	16	4.8		13300	7.57	7690	7.18	3.5		13.94			
N10	11-Oct-18	Surface	18X396308	18X396291	<MDL	<MDL	0.41			1420	<0.05	0.03	<0.10	<10	<10		0.016	<0.5	<0.5	5	1.3		32700	7.76	21300	19.85	3.6		11.38			
N10	11-Oct-18	Halocline	18X396308	18X396291	<MDL	<MDL	0.41			1400	<0.05	0.03	<0.10	<10	<10		0.011	<0.5	<0.5	1	0.8		32600	7.78	21000	20.07	3.6		11.25			
N11	11-Oct-18	Surface	18X396308	18X396291	<MDL	0.010	0.61			1130	<0.05	0.03	<0.10	<10	<10		0.022	1.4	0.9	8	7.9		26300	7.80	16900	15.67	3.6		11.93			
N12	11-Oct-18	Surface	18X396308	18X396291	<MDL	<MDL	0.47			1120	<0.05	0.03	<0.10	<10	<10		0.014	1.2	0.9	1	1.3		26900	7.80	16500	16.08	4.8		11.52			
N13	11-Oct-18	Surface	18X396308	18X396291	<MDL	<MDL	0.31			1730	<0.05	0.04	<0.10	<10	<10		0.020	<0.5	<0.5	2	1.0		39700	7.90	25900	24.27	4.4		10.89			
N1	17-Oct-18	Surface	18X398388	18X398385	0.023	0.030	1.28			2	<0.05	<0.03	<0.10	0.48	<0.05		0.006	5.5	5.1	<1	0.8		19	6.98	15	0.01	5.6		12.2			
N4	17-Oct-18	Surface	18X398388	18X398385	0.030	0.039	1.25			0.7	<0.05	<0.03	<0.10	<0.05	<0.05		0.004	5.7	5.5	<1	2.4		20	7.02	10	0.01	5.4		12.26			
N4	17-Oct-18	Mid	18X398388	18X398385	0.030	0.047	1.38			0.7	<0.05	<0.03	0.13	<0.05	<0.05		0.026	5.9	5.6	7	2.8		20	7.04	9	0.01	5.4		12.14			
N4	17-Oct-18	Bottom	18X398388	18X398385	0.034	0.067	1.83			0.7	<0.05	<0.03	0.16	<0.05	<0.05		0.013	5.8	5.0	18	12.5		20	7.04	11	0.01	5.4		12.11			
N5	17-Oct-18	Surface	18X398388	18X398385	0.023	0.033	1.26			0.7	<0.05	<0.03	<0.10	<0.05	<0.05		0.007	5.1	5.1	1	4.0		20	7.05	9	0.01	5.7		14.13			
N6	17-Oct-18	Surface	18X398388	18X398385	0.024	0.030	1.30			0.7	<0.05	<0.03	<0.10	<0.05	<0.05		0.008	5.4	5.2	2	4.2		20	7.07	9	0.01	5.6		13.82			
N7	17-Oct-18	Surface	18X398388	18X398385	0.024	0.031	1.33			0.7	<0.05	<0.03	<0.10	<0.05	<0.05		0.008	5.3	5.3	3	5.6		21	7.08	10	0.01	4.9		13.43			
N8	17-Oct-18	Surface	18X398388	18X398385	0.013	0.025	1.15			207	<0.05	<0.03	<0.10	<1.5	<1.5		0.012	6.2	4.8	3	4.0		4560	7.27	2780	2.5	4.3		12.87			
N8	17-Oct-18	Halocline	18X398388	18X398385	0.010	0.013	0.81			671	<0.05	<0.03	<0.10	<5	<5		0.011	1.7	1.5	3	3.2		15900	7.58	9110	10.07	3.9		12.07			
N4	30-Oct-18	Surface	18X404663	18X403547	0.031	0.029	1.48			0.7	<0.05	<0.03	0.14	<0.05	<0.05		0.01	5.6	5.2	2	6.9		20	7.07	9	0.01	2.80		13.1			
N4	30-Oct-18	Mid	18X404663	18X403547	0.030	0.033	1.41			0.7	<0.05	<0.03	0.2	<0.05	<0.05		0.01	5.5	5.3	1	5.4		20	7.07	9	0.01	2.80		13.06			
N4	30-Oct-18	Bottom	18X404663	18X403547	0.027	0.023	1.36			0.6	<0.05	<0.03	0.18	<0.05	<0.05		0.008	5.5	5.3	1	5.1		20	7.06	9	0.01	2.80		13.06			
N5	30-Oct-18	Surface	18X404663	18X403547	0.023	0.028	1.41			0.7	<0.05	<0.03	0.1	<0.05	<0.05		0.009	5.4	5.0	3	6		20	7.08	10	0.01	3.10		16.1			
N8	30-Oct-18	Surface	18X404663	18X403547	0.019	0.024	1.39			81.1	<0.05	<0.03	<0.10	<0.05	<0.05		0.012	5.6	5.0	3	8.4		2310	7.23	1100	1.33	2.40		14.28			
N1	29-Nov-18	Surface	18X415540	18X415499	0.021	0.029	1.31			0.9	<0.05	0.04		0.11	<0.05		0.008	4.4	4.0	<1	1.3		22	7.04	12	0.01	0.60		14.29			
N4	29-Nov-18	Surface	18X415540	18X415499	0.028	0.033	0.96			0.8	<0.05	0.04		<0.05	<0.05		0.009	4.5	4.1	3	1.9		22	7.06	10	0.01	0.00		14.39			
N4	29-Nov-18	Mid	18X415540	18X415499	0.028	0.033	0.95			0.8	<0.05	0.04		<0.05	<0.05		0.007	4.5	4.1	4	2.3		22	7.07	10	0.01	0.00		14.35			
N4	29-Nov-18	Bottom	18X415540	18X415499	0.027	0.038	1.01			0.8	<0.05	0.04		<0.05	<0.05		<0.004	4.6	4.5	2	2.1		25	7.22	10	0.01	0.00		14.24			
N5	29-Nov-18	Surface	18X415540	18X415499	0.022	0.032	1.07			0.7	<0.05	0.05		<0.05	<0.05		0.008	4.7	4.1	5	4.3		22	7.09	11	0.01	0.00		16.55			
N6	29-Nov-18	Surface	18X415540	18X415499	0.023	0.033	1.10			0.7	<0.05	0.04		<0.05	<0.05		<0.004	4.3	3.8	3	4		21	7.06	10	0.01	0.10		16.08			
N7	29-Nov-18	Surface	18X415540	18X415499	0.021	0.029	0.96			0.8	<0.05	0.04		<0.05	<0.05		0.004	4.5	4.1	3	3.2		22	7.12	10	0.01	0.00		15.72			
N5	12-Dec-18	Surface		18X420434	0.03	0.04	1.7			0.9	<0.05	0.07	<0.4	0.12	<0.05		0.013	5.3	4.4	2	2.0		21.0	7.13	12	0.01	0.30		15.24			
N6	12-Dec-18	Surface		18X420434	0.03	0.04	1.8			0.7	<0.05	<0.03	0.5	<0.05	<0.05		0.009	4.5	3.6	2	3.4		20.0	7.08	10	0.00	0.00		19.2			
N7	12-Dec-18	Surface		18X420434	0.03	0.06	2.0			0.9	<0.05	0.29	<0.4	<0.05	<0.05		0.009	4.4	4.0	3	2.7		21.0	7.09	11	0.00	-0.10		18.73			
N8	12-Dec-18	Surface		18X420434	0.03	0.04	5.0			6.2	<0.05	0.03	<0.4	<0.05	<0.05		0.011	4.6	4.0	1	2.8		211.0	7.15	91	0.01	0.00		15.7			
N1	20-Dec-18	Surface	18X423365	18X423349	0.020	0.027	1.00			0.9	<0.05	0.04	<0.4	<0.05	<0.05		0.009	4.1	3.5	2	2.0		24	7.21	16	0.01	0.10		13.99			
N4	20-Dec-18	Surface	18X423365	18X423349	0.022	0.026	0.89			0.8	<0.05	0.04	<0.4	<0.05	<0.05		0.010	3.9	3.7	3	2.3		22	7.14	12	0.01	0.00		14.44			
N4	20-Dec-18	Mid	18X423365	18X423349	0.019	0.026	0.88			0.8	<0.05	0.04	<0.4	<0.05	<0.05		0.009	3.9	3.6	2	2.6		22	7.13	11	0.01	0.00		14.62			
N4	20-Dec-18	Bottom	18X423365	18X423349	0.019	0.024	0.89			0.9	<0.05	0.04	<0.4	<0.05	<0.05		0.007	4.3	3.9	2	2.2		24	7.13	11	0.01	0.00		14.64			
N5	20-Dec-18	Surface	18X423365	18X423349	0.019	0.025	0.86			0.9	<0.05	0.04	<0.4	0.31	<0.05		0.008	4.1	3.7	2	2.8		25	7.15	12	0.01	0.00		15.52			
N6	20-Dec-18	Surface	18X423365	18X423349	0.016	0.032	0.99			0.8	<0.05	0.03	<0.4	<0.05	<0.05		0.008	4.0	3.8	3	2.8		23	7.13	10	0.01	0.00		15.38			
N7	20-Dec-18	Surface	18X423365	18X423349	0.017	0.027	0.96			0.9	<0.05	0.04	<0.4	<0.05	<0.05		0.011	4.3	3.8	3	2.2		23	7.13	11	0.01	0.00		15.31			
N8	20-Dec-18	Surface	18X423365	18X423349	0.018	0.023	1.10			3.9	<0.05	0.05	<0.4	<0.05	<0.05		0.007	4.3	3.8	2	3.7		145	7.13	63	0.06	0.00		15.74			
N8	20-Dec-18	Halocline	18X423365	18X423349	0.018	0.026	1.24			6.1	<0.05	0.04	<0.4	<0.05	<0.05		0.010	4.1	3.7	2	2.8		228	7.16	111	8.85	0.00		14.12			
N1	9-Jan-19	Surface	19X426759	19X426754	0.022	0.024	0.92			0.9	<0.05	<0.03		<0.05	<0.05		0.007	4.100	3.5	<1	0.8		24.0	7.24	13	0.01	0.00		14.68			
N4	9-Jan-19	Surface	19X426759	19X426754	0.022	0.028	1.20			0.8	<0.05	<0.03		<0.05	<0.05		0.008	3.800	3.5	9.0	8.4		22.0	7.19	14	0.01	0.00		15.02			
N4	9-Jan-19	Mid	19X426759	19X426754	0.023	0.034	0.98			0.8	<0.05	<0.03		<0.05	<0.05		0.009	4.100	3.5	9.0	8.9		24.0	7.21	16	0.01	0.00		14.79			
N4	9-Jan-19	Bottom	19X426759	19X426754	0.023	0.027	0.95			7	<0.05	<0.03		<0.05	<0.05		0.016	4.100	3.7	11.0	8.7		249.0	7.18	70	0.01	0.00		14.79			
N5	9-Jan-19	Surface	19X426759	19X426754	0.024	0.028	1.16			0.9	<0.05	<0.03		<0.05	<0.05		0.016	4.000	3.5	7.0	7.8		24.0	7.20	22		0.00		18.58			YSI meter froze
N6	9-Jan-19	Surface	19X426759	19X426754	0.022	0.028	1.06			0.7	<0.05	<0.03		<0.05	<0.05		0.012	4.000	3.7	15.0	12.5		24.0	7.20	17	0.01	0.10		14.16			
N8	9-Jan-19	Surface	19X426759	19X426754	0.022	0.025	1.04			7.6	<0.05	<0.03		<0.05	<0.05		0.01	3.800	3.6	5.0	7.6		270.0	7.16	139	0.13	0.40		14.66			
N8	9-Jan-19	Halocline	19X426759	19X426754	0.026	0.022	0.93			12.2	<0.05	<0.03		<0.05	<0.05		0.009	4.400	3.7	4.0	7.4		434.0	7.2	203	5.48	0.30		15			
N10	23-Jan-19	Surface	19X430873	19X430870	0.017	0.024	1.5			65.4	<0.05	<0.03		<0.05	<0.05		0.014	4.300	3.9	2.0	3.2		2010.0	7.16	962	1.24	-0.10		15.64			
N10	23-Jan-19	Halocline	19X430873	19X430870	0.010	0.011	0.9			505	<0.05	<0.03		<2.5	<2.5		0.009	1.400	4.3	1.0	0.8		12100.0	7.50	7100	11.80	-0.40		14.32			
N12	23-Jan-19	Surface	19X430873	19X430870	0.010	0.010	1.2			594	<0.05	<0.03		<5	<5		0.03	1.100	0.8	1.0	0.6		16100.0	7.59	9000	9.63	-0.60		14.15			
N13	23-Jan-19	Surface	19X430873	19X430870	<MDL	<MDL	0.7			1530	<0.05	<0.03		<10	<10		0.024	1.000	1.0	2.0	1.4		37100.0	7.73	217000	23.52	-1.40		13.53			
N11	24-Jan-19	Surface	19X431595	19X431593	0.011	0.016	0.9			257	<0.05	<0.03		<5	<5		0.013	6.100	5.6	1.0	1.5		6810.0	7.30	3580	4.33	-0.30		14.26			
N12	24-Jan-19	Halocline	19X431595	19X431593	<MDL	0.010	1.1			881	<0.05	<0.03		<5	<5		0.013	1.300	0.9	<1	0.8		18600.0	7.50	11600	16.32	-0.80		13.41			
N1	6-Feb-19	Surface	19X435411	19X435284	0.021	0.025		0.9		0.8	<0.05	0.07	<0.4	<0.05	<0.05		0.013	3.7	3.6	<1	1.6		22	7.17	11							
N4	6-Feb-19	Surface	19X435411	19X435284	0.021	0.024		0.89		0.7	<0.05	<0.03	<0.4	<0.05	<0.05		0.023	3.9	3.7	11	12.4		21	7.00	12							
N4	6-Feb-19	Middle	19X435411	19X435284	0.022	0.024		0.94		0.7	<0.05	<0.03	<0.4	<0.05	<0.05		0.021	3.9	3.5	12	9.0		21	7.00	12							
N4	6-Feb-19	Bottom	19X435411	19X435284	0.019	0.024		0.87		0.8	<0.05	<0.03	<0.4	<0.05	<0.05		0.021	4.2	3.9	12	9.7		24	7.02	12							
N5	6-Feb-19	Surface	19X435411	19X435284	0.018	0.023		0.93		0.7	<0.05	<0.03	<0.4	<0.05	<0.05		0.031	3.5	3.4	8	8.2		21	6.99	10							
N6	6-Feb-19	Surface	19X435411	19X435284	0.019	0.026		1.09		0.8	<0.05	<0.03	<0.4	0.05	<0.05		0.038	4.0	3.6	28	44.6		22	7.02	12							
N7	6-Feb-19	Surface	19X435411	19X435284	0.022	0.026		0.97		0.7	<0.05	<0.03	<0.4	0.14	<0.05		0.028	3.4	3.1	19	17.1		21	6.91	11							
N8	6-Feb-19	Surface	19X435411	19X435284	0.020	0.024		0.88		8.6	<0.05	<0.03	<0.4	<0.05	<0.05		0.021	4.0	3.4	9	10.9		298	7.00	139							
N8	7-Feb-19	Halocline	19X435978	19X435968	0.020	0.022		1.05		22.1	<0.05	0.04	<0.4	<0.05	<0.05		0.016	4.0	4.1	8	14.4		605	7.07	347							
N9	7-Feb-19	Surface	19X435978	19X435968	0.014	0.018		0.99		95.8	<0.05	0.06	<0.4	<0.5	<0.5		0.019	3.8	3.9	4	10.3		2800	7.10	1410							
N9	7-Feb-19	Halocline	19X435978	19X435968	0.016	0.019		0.9		134	<0.05	0.04	<0.4	<0.5	<0.5		0.015	3.8	3.9	4	10.5		3380	7.19	1700							
N10	7-Feb-19	Surface	19X435978	19X435968	0.015	0.015		1.03		70.5	<0.05	0.04	<0.4	<0.5	<0.5		0.009	5.0	3.9	1	2.2		2060	7.11	1010							
N10	7-Feb-19	Halocline	19X435978	19X435968	0.016	0.018		1.24		82.2	<0.05	0.04	<0.4	<0.5	<0.5		0.007	4.4	3.8	<1	1.9		2380	7.14	1200							

Methylmercury Monitoring Plan Analytics - Water April 2019

Sample Site	Sample Date	Sample Depth	Flett Work Order Number	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	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 uhmo/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	0.2	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	*Method Detection Limit (MDL)
N11	7-Feb-19	Surface	19X435978	19X435968	0.010	0.012		1.39		238	<0.05	0.03	<0.4	<1.5	<1.5		0.011	4.1	3.6	1	1.2		6820	7.36	3480							
N11	7-Feb-19	Halocline	19X435978	19X435968	0.010	0.011		1.11		266	<0.05	0.04	<0.4	<2.5	<2.5		0.008	4.2	3.7	<1	0.9		7290	7.40	3690							
N12	7-Feb-19	Surface	19X435978	19X435968	0.011	0.020		1.04		318	<0.05	0.03	<0.4	<2.5	<2.5		0.020	4.3	4.0	3	3.4		8730	7.46	4750							
N12	7-Feb-19	Halocline	19X435978	19X435968	0.010	0.011		0.99		400	<0.05	0.03	<0.4	<5	<5		0.010	4.5	4.1	1	1.2		10800	7.50	6140							
N13	7-Feb-19	Surface	19X435978	19X435968	<MDL	<MDL		0.61		1840	<0.05	0.04	<0.4	<10	<10		0.025	<0.5	<0.5	3	1.1		36700	7.74	24400							
N1	14-Feb-19	Surface	19X438132	19X438115	0.023	0.036		1.49		1.8	<0.05	0.05	<0.4	0.05	<0.05		0.026	3.2	2.7	19	4.9		29	8.29	15							
N4	14-Feb-19	Surface	19X438132	19X438115	0.019	0.026		0.95		0.7	<0.05	0.06	<0.4	<0.05	<0.05		0.022	2.7	2.6	7	7.4		22	7.04	11							
N4	14-Feb-19	Mid	19X438132	19X438115	0.021	0.024		0.82		0.8	<0.05	0.09	<0.4	<0.05	<0.05		0.022	2.9	2.6	8	9.5		23	7.00	11							
N4	14-Feb-19	Bottom	19X438132	19X438115	0.020	0.022		0.66		1.1	<0.05	0.07	<0.4	<0.05	<0.05		0.021	2.9	2.6	9	9.3		35	7.00	18							
N5	14-Feb-19	Surface	19X438132	19X438115	0.020	0.023		0.73		0.8	<0.05	0.05	<0.4	<0.05	<0.05		0.021	3.3	3.2	7	9.0		24	7.00	11							
N6	14-Feb-19	Surface	19X438132	19X438115	0.015	0.024		0.74		0.7	<0.05	0.05	<0.4	<0.05	<0.05		0.022	3.0	2.7	8	7.7		22	6.99	11							
N7	14-Feb-19	Surface	19X438132	19X438115	0.020	0.023		0.87		0.7	<0.05	0.06	<0.4	<0.05	<0.05		0.025	3.0	2.8	8	7.9		23	7.01	12							
N8	14-Feb-19	Surface	19X438132	19X438115	0.015	0.020		0.74		8.9	<0.05	0.05	<0.4	<0.05	<0.05		0.020	3.3	2.9	4	7.6		330	7.06	133							
N8	14-Feb-19	Halocline	19X438132	19X438115	0.017	0.018		0.73		18.1	<0.05	0.05	<0.4	<0.05	<0.05		0.022	3.3	3.0	4	8.5		636	7.11	291							
N1	20-Feb-19	Surface	19X439413	19X439408	0.026	0.042		4.09		1	<0.05	0.04	<0.4	0.05	<0.05		0.050	5.2	4.6	38	17.5		23	6.94	14							
N4	20-Feb-19	Surface	19X439413	19X439408	0.020	0.024		1.93		0.8	<0.05	0.07	<0.4	<0.05	<0.05		0.024	5.3	4.8	11	9.0		21	6.90	12							
N4	20-Feb-19	Mid	19X439413	19X439408	0.019	0.023		1.79		0.8	<0.05	<0.03	<0.4	<0.05	<0.05		0.017	5.3	4.7	11	10.5		21	6.93	12							
N4	20-Feb-19	Bottom	19X439413	19X439408	0.020	0.022		1.68		0.8	<0.05	<0.03	<0.4	<0.05	<0.05		0.017	5.3	4.5	15	10.4		21	6.97	11							
N5	20-Feb-19	Surface	19X439413	19X439408	0.021	0.025		1.84		0.8	<0.05	<0.03	<0.4	<0.05	<0.05		0.021	5.2	4.4	12	7.2		21	6.97	12							
N6	20-Feb-19	Surface	19X439413	19X439408	0.019	0.026		1.92		0.8	<0.05	<0.03	<0.4	<0.05	<0.05		0.025	5.1	4.6	14	9.4		21	6.96	12							
N7	20-Feb-19	Surface	19X439413	19X439408	0.021	0.027		1.85		0.8	<0.05	<0.03	<0.4	<0.05	<0.05		0.028	4.8	4.2	16	9.7		21	6.93	12							
N8	20-Feb-19	Surface	19X439413	19X439408	0.020	0.017		2.05		7.8	<0.05	<0.03	<0.4	<0.05	<0.05		0.020	5.0	4.6	6	7.3		237	6.94	120							
N4	27-Feb-19	Surface	19X441550	19X441549	0.025	0.033		1.46		0.8	<0.05	0.12	<0.4	0.12	<0.05		0.024	3.8	3.4	14	12.7		21	6.93	12							
N4	27-Feb-19	Mid	19X441550	19X441549	0.027	0.033		1.13		0.8	<0.05	<0.03	<0.4	<0.05	<0.05		0.016	3.9	3.6	10	12.6		21	6.92	12							
N4	27-Feb-19	Bottom	19X441550	19X441549	0.024	0.032		2		0.7	<0.05	<0.03	<0.4	<0.05	<0.05		0.016	3.9	3.6	11	13.3		21	6.93	11							
N5	27-Feb-19	Surface	19X441550	19X441549	0.022	0.032		2.09		0.7	<0.05	<0.03	<0.4	<0.05	<0.05		0.016	3.8	3.8	15	11.5		20	6.95	12							
N6	27-Feb-19	Surface	19X441550	19X441549	0.022	0.038		1.9		0.7	<0.05	<0.03	<0.4	<0.05	<0.05		0.024	4.0	3.7	18	9.0		21	6.95	12							
N7	27-Feb-19	Surface	19X441550	19X441549	0.020	0.035		1.65		0.7	<0.05	<0.03	<0.4	<0.05	<0.05		0.020	3.9	3.6	19	15.9		20	6.96	12							
N8	27-Feb-19	Surface	19X441550	19X441549	0.019	0.025		1.41		8	<0.05	<0.03	<0.4	<0.05	<0.05		0.019	4.1	5.9	10	12.1		273	7.00	125							
N8	27-Feb-19	Halocline	19X441550	19X441549	0.018	0.023		1.18		25.5	<0.05	<0.03	<0.4	<0.05	<0.05		0.012	4.4	3.8	10	12.7		808	7.09	458							
N1	6-Mar-19	Surface	19X444273	19X444226	0.023	0.031		1.49		0.8	<0.05	<0.03	<0.4	0.05	<0.05		0.014	3.4	3.0	12	4.9		22	7.06	11							
N4	6-Mar-19	Surface	19X444273	19X444226	0.028	0.034		0.95		0.8	<0.05	0.04	<0.4	<0.05	<0.05		0.028	3.5	3.2	11	12.4		21	6.97	11							
N4	6-Mar-19	Mid	19X444273	19X444226	0.028	0.033		0.87		0.8	<0.05	<0.03	<0.4	<0.05	<0.05		0.016	3.6	3.1	12	10.6		21	7.00	12							
N4	6-Mar-19	Bottom	19X444273	19X444226	0.027	0.032		0.82		0.8	<0.05	<0.03	<0.4	<0.05	<0.05		0.020	3.5	3.1	11	10.6		22	7.02	12							
N5	6-Mar-19	Surface	19X444273	19X444226	0.021	0.027		0.88		0.8	<0.05	<0.03	<0.4	<0.05	<0.05		0.024	3.4	3.1	14	10.1		22	7.04	11							
N6	6-Mar-19	Surface	19X444273	19X444226	0.021	0.025		0.93		0.8	<0.05	<0.03	<0.4	<0.05	<0.05		0.021	3.4	3.0	14	15.3		21	7.02	13							
N7	6-Mar-19	Surface	19X444273	19X444226	0.019	0.025		0.88		0.8	<0.05	<0.03	<0.4	<0.05	<0.05		0.018	3.4	3.0	14	14.6		22	7.01	11							
N8	6-Mar-19	Surface	19X444273	19X444226	0.020	0.025		0.85		8.8	<0.05	<0.03	<0.4	<0.05	<0.05		0.016	3.3	2.9	8	10.8		283	7.01	137							
N8	6-Mar-19	Halocline	19X444273	19X444226	0.016	0.022		0.79		119	<0.05	<0.03	<0.4	<0.05	1.44		0.005	3.5	3.3	10	12.9		2910	7.21	1600							
N9	6-Mar-19	Surface	19X444273	19X444226	0.017	0.023		2.02		71.3	<0.05	<0.03	<0.4	<0.05	1.01		<0.05	3.2	2.8	8	12.5		1990	7.17	1080							
N9	6-Mar-19	Halocline	19X444273	19X444226	0.012	0.016		1.72		180	<0.05	<0.03	<0.4	<0.05	2.04		<0.05	3.6	3.2	5	8.5		4990	7.33	2850							
N1	13-Mar-19	Surface	19X446739	19X446739	0.021	0.031		1.05		0.8	<0.05	0.06	<0.4	0.05	<0.05		0.024	3.6	3.0	16	6.7		23	6.90	15							
N4	13-Mar-19	Surface	19X446739	19X446739	0.020	0.033		0.74		0.7	<0.05	0.07	<0.4	<0.05	<0.05		0.016	3.0	2.8	9	9.4		21	6.86	11							
N4	13-Mar-19	Mid	19X446739	19X446739	0.019	0.023		0.81		0.7	<0.05	0.06	<0.4	0.05	<0.05		0.012	3.4	2.8	10	9.9		22	6.88	12							
N4	13-Mar-19	Bottom	19X446739	19X446739	0.021	0.023		0.72		0.8	<0.05	0.06	<0.4	<0.05	<0.05		0.015	3.3	2.9	10	9.8		23	6.89	13							
N5	13-Mar-19	Surface	19X446739	19X446739	0.019	0.023		0.82		0.7	<0.05	0.05	<0.4	<0.05	<0.05		0.014	3.0	2.8	10	9.7		21	6.90	11							
N6	13-Mar-19	Surface	19X446739	19X446739	0.023	0.049		2.04		0.8	<0.05	0.05	<0.4	0.06	<0.05		0.166	3.5	3.1	175	118.0		24	6.91	21							
N7	13-Mar-19	Surface	19X446739	19X446739	0.020	0.022		1.22		0.7	<0.05	0.07	<0.4	<0.05	<0.05		0.019	3.0	2.9	11	9.6		23	6.91	12							
N8	13-Mar-19	Surface	19X446739	19X446739	0.017	0.018		0.81		9.2	<0.05	0.05	<0.4	<0.05	<0.05		0.014	3.1	2.8	6	7.3		329	6.95	145							
N8	13-Mar-19	Halocline	19X446739	19X446739	0.016	0.020		0.75		59	<0.05	0.06	<0.4	<0.05	0.92		0.015	3.3	2.8	7	8.1		1870	7.10	917							
N9	13-Mar-19	Surface	19X446739	19X446739	0.016	0.020		1.55		73.1	<0.05	0.05	<0.4	<0.05	1.16		0.016	3.0	2.6	4	8.7		2170	7.15	1130							
N9	13-Mar-19	Halocline	19X446739	19X446739	0.014	0.018		0.73		254	<0.05	0.06	<0.4	<0.05	1.94		0.013	3.2	2.9	4	7.4		5480	7.30	3430							
N10	14-Mar-19	Surface	19X446748	19X446748	0.016	0.020		0.86		62.8	<0.05	0.06	<0.4	<0.05	0.99		0.009	4.0	3.6	1	3.4		2010	7.15	1000							
N10	14-Mar-19	Halocline	19X446748	19X446748	0.016	0.017		0.8		85.6	<0.05	0.07	<0.4	<0.5	<0.5		0.009	3.9	3.5	<1	3.4		2620	7.21	1360							
N11	14-Mar-19	Surface	19X446748	19X446748	0.010	0.018		0.87		163	<0.05	0.06	<0.4	<2.5	<2.5		0.012	3.7	3.3	2	2.5		4700	7.31	2360							
N11	14-Mar-19	Halocline	19X446748	19X446748	<MDL	<MDL		0.4		1100	<0.05	0.05	<0.4	<10	<10		0.016	0.8	1.0	3	1.8		27500	7.65	15500							
N12	14-Mar-19	Surface	19X446748	19X446748	0.012	0.011		0.76		185	<0.05	0.06	<0.4	<2.5	<2.5		0.010	3.4	3.2	<1	1.7		4580	7.38	2660							
N12	14-Mar-19	Halocline	19X446748	19X446748	<MDL	<MDL		0.46		1080	<0.05	0.05	<0.4	<10	<10		0.017	0.7	1.0	2	1.8		26300	7.68	14400							
N13	14-Mar-19	Surface	19X446748	19X446748	<MDL	<MDL		0.38		1430	<0.05	0.06	<0.4	<10	<10		0.017	1.6	1.8	7	1.5		33300	7.88	19300							