Methylmercury Monitoring Plan Analytics Water June 18 2018

Sample Site	Sample Date	Sample Depth	Sample Type	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 (^{o}C)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH	Total Dissolved Solids (mg/L)	
					RDL	0.01*	0.01*	0.05	0.0000019	0.0000025	2	0.05	0.03	0.4	0.05	0.05	0.03	0.002	0.5	0.5	5	0.1	0.1	1		1	NA	NA	NA	NA	NA	NA	*Method Detection Limit (MDL)
1	14-Oct-16	Surface	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Impoundment		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	Impoundment		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	Impoundment																								0.01	4.22	19	16.45	5.81	0.013	
4	5-Nov-16	Bottom	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment																								15.70	2.62	26276	17.78	6.91	17.07	
10	5-Nov-16	Below Nephloid	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	

Methylmercury Monitoring Plan Analytics Water June 18 2018

						Laboratory Analysis																					*In Situ*						
Sample Site	Sample Date	Sample Depth	Sample Type	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	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	20-Jan-17	Surface	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	Baseline		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	
N9	20-Jan-17	Surface	Baseline		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	Baseline		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	Impoundment		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	

Methylmercury Monitoring Plan Analytics Water June 18 2018

						Laboratory Analysis																					In Situ						
Sample Site	Sample Date	Sample Depth	Sample Type	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	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	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
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					

Methylmercury Monitoring Plan Analytics Water June 18 2018

Sample Site	Sample Date	Sample Depth	Sample Type	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 (^{o}C)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH	Total Dissolved Solids (mg/L)	
					RDL	0.01*	0.01*	0.05	0.0000019	0.0000025	2	0.05	0.03	0.4	0.05	0.05	0.03	0.002	0.5	0.5	5	0.1	0.1	1		1	NA	NA	NA	NA	NA	NA	*Method Detection Limit (MDL)
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					
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					

Methylmercury Monitoring Plan Analytics Water June 18 2018

						Laboratory Analysis																					In Situ						
Sample Site	Sample Date	Sample Depth	Sample Type	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	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	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					
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					

Methylmercury Monitoring Plan Analytics Water June 18 2018

						Laboratory Analysis																						In Situ					
Sample Site	Sample Date	Sample Depth	Sample Type	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	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	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					
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					

Methylmercury Monitoring Plan Analytics Water June 18 2018

						Laboratory Analysis																					In Situ						
Sample Site	Sample Date	Sample Depth	Sample Type	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	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	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			
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							

Methylmercury Monitoring Plan Analytics Water June 18 2018

						Laboratory Analysis																						*In Situ*						
Sample Site	Sample Date	Sample Depth	Sample Type	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 (ºC)	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	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	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			