											Laboratory Analysis													*In Situ*				
Sample Site	Sample Date	Sample Depth	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 Organic Carbon (mg/L)	Dissolved Organic Carbon (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH	Salinity (ppt)	Temperature (°C)	Total Dissolved Solids (mg/L)		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	0.5	0.5	5	0.1	0.1	NA	NA	NA	NA	NA	NA	*Method Detection Limit (MDL)	
1	14-Oct-16	Surface	16X148846		0.031				<2	<0.05	<0.05	<0.4			<0.03	5.1	5	<5	1.2			12.7						
2	14-Oct-16	Surface	16X148846		0.032				<2	<0.05	<0.05	<0.4			<0.03	6.6	6.1	<5	3.5			12						
3	14-Oct-16	Surface	16X148846		0.016				<2	<0.05	<0.05	<0.4			<0.03	5.3	5.1	7	4			12.3						
4	14-Oct-16	Surface	16X148846	0.010	0.018				<2	<0.05	<0.05	<0.4			<0.03	5.2	5.2	<5	1.7			12.3						
4	14-Oct-16	Mid	16X148846	0.025	0.018				<2	<0.05	<0.05	<0.4			<0.03	5.2	5	<5	1.8			12.4						
4	14-Oct-16	Bottom	16X148846	0.011	0.024				<2	<0.05	<0.05	<0.4			<0.03	5.4	5.3	<5	2.2			12.3						
5	14-Oct-16	Surface	16X148846		0.021				<2	<0.05	<0.05	<0.4			<0.03	5.5	5.2	17	3.7			12.8						
6	14-Oct-16	Surface	16X148846		0.023				<2	<0.05	<0.05	<0.4			2.92	5.4	5.1	571	12.5			12.5						
7	14-Oct-16	Surface	16X148846		0.037				<2	<0.05	<0.05	<0.4			<0.03	5.3	5.1	8	3.9			12.4						
8	14-Oct-16	Surface	16X148846		0.022				123	<0.05	<0.05	<0.4			<0.03	6.7	7.3	13	3.8			12.3						
9	14-Oct-16	Surface	16X148846		0.058				777	<0.05	<0.05	<0.4			<0.03	5.7	5	50	12.6			12.3						
10	14-Oct-16	Surface	16X148846	<MDL	<MDL				1250	<0.05	<0.05	<0.4			<0.03	3.3	3.1	8	1.2			12.3						
10	14-Oct-16	Nephloid	16X148846	<MDL	<MDL				1550	<0.05	<0.05	<0.4			<0.03	2.8	2.6	9	0.9			12.4						
10	14-Oct-16	Below Nephloid	16X148846	<MDL	<MDL				1770	<0.05	<0.05	<0.4			<0.03	2.3	2.4	7	0.9			12.5						
11	14-Oct-16	Surface	16X148846		<MDL				1970	<0.05	<0.05	<0.4			<0.03	2.4	2	15	1.2			13.4						
1	16-Oct-16	Surface	16X149139	<MDL	0.013				<2	<0.05	<0.05	<0.4			0.13	4.8	5.3	<5	1.1		22	12		0.0178				
2	16-Oct-16	Surface	16X149139	0.018	0.018				<2	<0.05	<0.05	<0.4			<0.03	6.5	6	<5	1.8		18	12.5		0.0159				
3	16-Oct-16	Surface	16X149139	<MDL	0.017				<2	<0.05	<0.05	<0.4			<0.03	5.1	5	<5	2.5		21	12.3		0.0174				
4	16-Oct-16	Surface	16X149139	<MDL	0.011				<2	<0.05	<0.05	<0.4			<0.03	5	4.9	<5	1.1		21	11.9		0.0174				
4	16-Oct-16	Mid	16X149139	<MDL	0.011				<2	<0.05	<0.05	<0.4			0.53	5.2	4.9	<5	0.9		21	11.8		0.0174				
4	16-Oct-16	Bottom	16X149139	<MDL	<MDL				<2	<0.05	<0.05	<0.4			0.26	5.1	4.9	<5	1.7		22	12		0.0178				
5	16-Oct-16	Surface	16X149139	0.010	<MDL				<2	<0.05	<0.05	<0.4			0.05	5.1	4.9	31	9.6		21	12.6		0.0174				
6	16-Oct-16	Surface	16X149139	<MDL	<MDL				<2	<0.05	<0.05	<0.4			0.28	5.1	4.9	<5	2.6		21	12.4		0.0174				
7	16-Oct-16	Surface	16X149139	<MDL	<MDL				<2	<0.05	<0.05	<0.4			<0.03	5.3	5.1	7	4.1		23	12.2		0.0183				
8	16-Oct-16	Surface	16X149139	0.024	0.041				54	<0.05	<0.05	<0.4			0.06	7.7	6.9	<5	3.4		1080	12.4		0.604				
9	16-Oct-16	Surface	16X149139	<MDL	0.070				755	<0.05	<0.05	<0.4			0.35	4.6	4.8	48	19.3		5820	12.4		3.56				
10	16-Oct-16	Surface	16X149139	0.011	0.018				1670	<0.05	<0.05	<0.4			0.35	2.4	2.2	17	0.7		9150	11.9		5.71				
10	16-Oct-16	Nephloid	16X149139	<MDL	<MDL				1840	<0.05	<0.05	0.4			0.05	2.4	2.2	15	1.4		9750	11.9		6.03				
10	16-Oct-16	Below Nephloid	16X149139	<MDL	<MDL				1770	<0.05	<0.05	<0.4			0.4	2.3	2.1	13	1.5		9090	12.1		5.66				
11	16-Oct-16	Surface	16X149139	<MDL	<MDL				2070	<0.05	<0.05	<0.4			0.26	2.3	2.2	25	5.6		9330	15.7		5.87				
1	5-Nov-16	Surface	16X157359	0.013	0.012		0.0000243		<2	<0.05	<0.05	0.5	<0.05	<0.05	<0.03	7.0	7.2	<5	0.9	13.7	19	22.13	5.66	0.01	2.37	0.013		
4	5-Nov-16	Surface	16X157359	<MDL	0.014		0.0000219		<2	<0.05	<0.05	1.0	<0.05	<0.05	<0.03	5.4	5.5	8	1.8	13.4	20	24.4	6.12	0.01	4.3	0.013		
4	5-Nov-16	Mid																			19	16.45	5.81	0.01	4.22	0.013		
4	5-Nov-16	Bottom	16X157359	<MDL	0.010				<2	<0.05	<0.05	0.5	<0.05	<0.05	<0.03	5.2	5.5	7	1.8	12.8	19	17.21	5.77	0.01	4.22	0.012		
5	5-Nov-16	Surface	16X157359	0.025	0.015		0.0000192		<2	<0.05	<0.05	1.2	<0.05	<0.05	0.06	5.4	5.5	<5	5.4	14.0	20	20.1	6.12	0.01	3.97	0.013		
7	5-Nov-16	Surface	16X157359	0.011	0.018		0.0000165		<2	<0.05	<0.05	0.6	<0.05	<0.05	0.09	5.6	5.4	7	4.2	13.6	24	20.55	7.01	0.01	3.51	0.015		
8	5-Nov-16	Surface	16X157359	0.025	0.020		0.0000281		4	<0.05	<0.05	0.4	<0.05	<0.05	0.11	8.4	8.1	<5	3.0	14.4	60	22.3	6.32	0.03	-0.06	0.032		
10	5-Nov-16	Surface	16X157359	<MDL	<MDL		0.0000188		1210	<0.05	<0.05	0.4	<0.05	<0.05	0.14	3.5	3.5	6	1.7	13	26166	18.95	6.89	15.62	2.44	17.02		
10	5-Nov-16	Nephloid																			26276	17.78	6.91	15.7	2.62	17.07		
10	5-Nov-16	Below Nephloid	16X157359	<MDL	<MDL				1170	<0.05	<0.05	0.4	<0.05	<0.05	0.18	3.4	3.6	10	1.4	12.5	26374	21.82	6.84	15.73	2.67	17.12		
11	5-Nov-16	Surface	16X157359	<MDL	<MDL		0.0000169		2130	<0.05	<0.05	0.8	<0.05	<0.05	0.29	2	2.2	<5	0.7	13.4	46010	14.5	6.67	29.05	3.46	29.92		
1	7-Nov-16	Surface	16X157937	0.036	0.041		0.0000091		<2	<0.05	<0.05	0.7	0.39	<0.05	<0.03	9.6	9.8	<5	0.7	12.6	21	19	5.78	0.01	-0.04	0.013		
4	7-Nov-16	Surface	16X157937	0.017	0.025		0.000026		<2	<0.05	<0.05	1	0.06	<0.05	<0.03	5.6	5.3	<5	1.5	11.7	20	17.21	6.14	0.01	3.01	0.013		
4	7-Nov-16	Mid	16X157937	0.022	0.022				<2	<0.05	<0.05	0.8	0.05	<0.05	<0.03	5.5	5.4	<5	2	11.8	19	16.74	6.12	0.01	3.04	0.013		
4	7-Nov-16	Bottom	16X157937	0.013	0.021				<2	<0.05	<0.05	0.9	<0.05	<0.05	0.04	5.5	5.4	<5	1.4	11.8	19	18.5	6.09	0.01	3.01	0.013		
5	7-Nov-16	Surface	16X157937	0.014	0.022		0.0000177		<2	<0.05	<0.05	0.7	<0.05	<0.05	0.09	4.9	4.8	21	10.9	12.2	21	19.5	6.36	0.01	2.8	0.013		
7	7-Nov-16	Surface	16X157937	0.019	0.024		0.0000182		<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.09	5	4.7	6	5.1	11.8	23	17.44	7.05	0.01	2.85	0.013		
8	7-Nov-16	Surface	16X157937	0.026	0.030		0.0000399		3	<0.05	<0.05	0.7	<0.05	<0.05	<0.03	7.8	7.4	<5	235	11.7	128	20.75	6.5	0.06	0.11	0.081		
10	7-Nov-16	Surface	16X157937	<MDL	<MDL		0.0000343		1660	<0.05	<0.05	1.2	<1	<1	<0.03	2.6	2.3	7	1	11	35568	14.3	7.18	21.93	3.46	23.1		Nitrate/Nitrite RDL = 1 mg/L
10	7-Nov-16	Nephloid	16X157937	<MDL	<MDL				1710	<0.05	<0.05	0.8	<1	<1	0.06	2.5	2.4	<5	1.1	11.4	36701	13.52	7.18	22.77	3.82	23.92		Nitrate/Nitrite RDL = 1 mg/L
10	7-Nov-16	Below Nephloid	16X157937	<MDL	<MDL				1730	<0.05	<0.05	0.5	<1	<1	<0.03	2.1	2.1	<5	0.6	11.5	36852	13.77	7.17	22.88	3.68	21.9		Nitrate/Nitrite RDL = 1 mg/L
11	7-Nov-16	Surface	16X157937	<MDL	<MDL		0.0000199		1810	<0.05	<0.05	0.5	<1	<1	0.07	2.7	2.7	6	0.9	11.7	40716	17.2	6.82	24.88	0.03	26.46		Nitrate/Nitrite RDL = 1 mg/L
1	10-Nov-16	Surface	16X159468	0.015	0.023		0.0000065		<2	<0.05	<0.05	<0.4	0.09	<0.05	<0.03	5.2	5	<5	1.2	12.2	21	19	5.78	0.01	3.7	0.013		
4	10-Nov-16	Surface	16X159468	0.022	0.025		0.0000049		<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.03	5.1	4.9	<5	2.6	12.5	20	16.76	6.32	0.01	3.94	0.012		
4	10-Nov-16	Mid	16X159468	0.014	0.023				<2	<0.05	<0.05	0.5	<0.05	<0.05	<0.03	5.1	4.9	<5	2	12.1	20	16.22	6.37	0.01	3.95	0.012		
4	10-Nov-16	Bottom	16X159468	0.014	0.030				<2	<0.05	<0.05	0.8	<0.05	<0.05	<0.03	5	5	<5	2	12.2	20	18.16	6.34	0.01	3.95	0.012		
5	10-Nov-16	Surface	16X159468	0.022	0.028		0.0000045		<2	<0.05	<0.05	0.6	<0.05	<0.05	0.03	5.3	5	<5	4.3	12.5	25	19.20	6.43	0.01	3.7	0.016		
1	14-Nov-16	Surface	16X160266	0.037	0.045		0.00001		<2	<0.05	<0.05	<0.4	0.78	<0.05	0.26	9.4	9.4	<5	1.6	12.6	19	22.70	5.68	0.01	-0.08	0.013		
4	14-Nov-16	Surface	16X160266	0.026	0.024				<2	<0.05	<0.05	0.5	<0.05	<0.05	<0.03	5.3	5.1	<5	3.1	12.1	21	19.20	5.97	0.01	2.27	0.012		
4	14-Nov-16	Mid	16X160266	0.019	0.022				<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.97	5.3	5	<5	2.2	12.1	21	16.90	5.96	0.01	2.29	0.012		
4	14-Nov-16	Bottom	16X160266	0.020	0.018				<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.03	5.1	5	<5	2.3	12.1	20	20.00	5.9	0.01	2.32	0.012		
5	14-Nov-16	Surface	16X160266	0.015	0.019		0.0000052		<2	<0.05	<0.05	0.7	<0.05	<0.05	<0.03	5	5.1	7	18.9	12.5	21	21.90	6.15	0.01	2.15	0.014		
7	14-Nov-16	Surface	16X160266	0.016	0.027		0.0000027		<2	<0.05	<0.05	0.4	<0.05	<0.05	<0.03	5.3	5	<5	9.5	12.7	22	19.70	7.14	0.01	2.15	0.014		
8	14-Nov-16	Surface	16X160266	0.024	0.032		0.0000081		34	<0.05	0.06	<0.4	<0.05	<0.05	<0.03	7.4	7.4	<5	3.8	12.6	1015	23.50	6.25	0.49	-0.11	0.660		
10	14-Nov-16	Surface	16X160266	<MDL	0.015		0.0000035		1010	<0.05	<0.05	<0.4	<0.05	<1	0.17	4.4	4.2	<5	3.5	12.2	23262	20.44	7.02	13.64	1.08	15.120		Nitrate/Nitrite RDL = 1 mg/L
10	14-Nov-16	Nephloid	16X160266	<MDL	<MDL				1060	<0.05	<0.05	<0.4	0.23	<1	1.3	4.3	4.2	<5	2.3	12.1	24089	18.59	7.00	14.26	1.12	15.740		Nitrate/Nitrite RDL = 1 mg/L
10	14-Nov-16	Below Nephloid	16X160266	<MDL	0.010				1080	<0.05	<0.05	0.7	0.25	<1	0.29	4.8	4.6	<5	1.7	12.1	24845	20.20	6.96	14.85	1.20	16.330		Nitrate/Nitrite RDL = 1 mg/L
11	14-Nov-16	Surface	16X160266	<MDL	0.010		0.0000035		2200	<0.05	<0.05	<0.4	<2.5	<2.5	0.42	2.5	2.3	10	2	12.3	46448	18.50	6.43	29.11	2.29	30.150		Nitrate/Nitrite RDL = 2.5 mg/L
1	17-Nov-16	Surface	16X161644	0.017	0.027		<0.0000019		<2	<0.05	<0.05	0.6	<0.05	<0.05	<0.03	8	6.5	11	0.9	12.4	22	19.70	6.58	0.01	1.65	0.012		
4	17-Nov-16	Surface	16X161644	0.017	0.021		<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	6	5.8	<5	1.4	11.9	20	18.80	6.16	0.01	0.79	0.012		
4	17-Nov-16	Mid	16X161644	0.015	0.024				<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	5.6	5.2	<5	1.2	12.1	20	17.76	6.16	0.01	0.80	0.013		
4	17-Nov-16	Bottom	16X161644	0.016	0.024				<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	5.7	5	<5	1.8	12.1	22	18.30	6.11	0.01	0.80	0.014		
5	17-Nov-16	Surface	16X161644	0.015	0.024		<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.1	5.8	5.3	<5	2.5	12.6	27	21.09		0.01	1.03	0.016		
1	22-Nov-16	Surface	16X163271	0.029	0.051		0.000016		<2	<0.05	<0.05	0.7	0.06	<0.05	<0.03	12.6	12	8	3.3	12.4	17	18.9	6.41	0.01	0.15	0.011		
4	22-Nov-16	Surface	16X163271	0.014	0.020		0.000011		<2	<0.05	<0.05	0.8	<0.05	<0.05	<0.03	5.3	4.8	<5	4	12.1	22	19.28	6.18	0.01	2.39	0.014		
4	22-Nov-16	Mid	16X163271	0.019	0.017				<2	<0.05	0.06	<0.4	<0.05	<0.05	<0.03	5	4.8	<5	4.1	11.9	21	17.05	6.11	0.01	2.39	0.013		
4	22-Nov-16	Bottom	16X163271	0.019	0.023				<2	<0.05	<0.05	0.5	<0.05	<0.05	<0.03	5	5	6	2.7	12	22	23	6.08	0.01	2.42	0.014		
5	22-Nov-16	Surface	16X163271	0.013	0.022		0.00001		<2	<0.05	<0.05	0.8	<0.05	<0.05	<0.03	5.1	5	35	7	12.6	26	20.32	6.51	0.01	2.03	0.016		
7	22-Nov-16	Surface	16X163271	0.019	0.017		<0.0000019		<2	<0.05	<0.05	2.1	<0.05	<0.05	<0.03	5.2	4.8	5	6.7	12.5	100	19.22		0.01	1.98	0.066		
8	22-Nov-16	Surface	16X163271	0.021	0.034		<0.0000019		26	<0.05	<0.05	0.5	<0.05	<0.05	0.08	7.5	7.2	<5	15.4	12.2	846	20.09		0.41	0.21	0.548		
10	22-Nov-16	Surface	16X163271	<MDL	<MDL		<0.0000019		1000	<0.05	<0.05	0.5	0.14	5.88	0.03	10.3	10.6	<5	1.9	11.9	22656	17.68		13.16	1.17	14.61		
10	22-Nov-16	Nephloid	16X163271	<MDL	<MDL				1080	<0.05	<0.05	0.4	0.11	5.83	<0.03	1.9	1.9	<5	1.4	11.9	27326	16.74		16.14	1.05	17.71		
10	22-Nov-16	Below Nephloid	16X163271	<MDL	<MDL				1260	<0.05	<0.05	<0.4	4.8	6.86	<0.03	1.5	1.6	6	2.1	12	28642	22.3		16.75	1.05	18.43		
11	22-Nov-16	Surface	16X163271	<MDL	0.019		0.00001		1710	<0.05	<0.05	0.4	6.57	<1	<0.03	2.8	2.7	9	1.7	11.9	35184	22.7		21.43	1.69	22.84		Nitrate/Nitrite RDL = 1 mg/L
1	24-Nov-16	Surface	16X164162	0.021	0.041		0.000018		<2	<0.05	<0.05	0.8	<0.05	<0.05	<0.03	13.8	13.5	<5	1.3	13	15	24.8	6.78	0.01	0.02	0.011		
4	24-Nov-16	Surface	16X164162	<MDL	0.024		0.000015		<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.6	4.4	5	5.5	12.4	20	18.21	6.97	0.01	1.41	0.014		
4	24-Nov-16	Mid	16X164162	<MDL	0.029				<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.6	4.5	<5	4.8	12.1	22	17.09	6.96	0.01	1.41	0.014		
4	24-Nov-16	Bottom	16X164162	<MDL	0.022				<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.5	4.3	<5	4.5	12	21	20.68	7.1	0.01	1.4	0.013		
5	24-Nov-16	Surface	16X164162	<MDL	0.022		0.000015		<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.5	4.7	7	9.3	12.5	22	25.2	7.04	0.01	1.57	0.015		
1	26-Nov-16	Surface	16X164670	0.032	0.038		0.0000068	0.0000045	<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	12.7	12.2	<5	1.2	13.2	16	24.3	6.91	0.01	-0.09	0.01		
4	26-Nov-16	Surface	16X164670	<MDL	0.016		0.0000039	<0.0000025	<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.4	4.2	<5	1.6	12.2	21	19.2	6.95	0.01	0.51	0.014		
4	26-Nov-16	Mid	16X164670	0.015	0.023				<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.03	4.3	4.2	<5	2.3	12.2	22	18.48	6.95	0.01	0.51	0.014		
4	26-Nov-16	Bottom	16X164670	0.013	0.015				<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.4	4.1	<5	2.1	12.4	22	25.3	6.98	0.01	0.55	0.014		
5	26-Nov-16	Surface	16X164670	0.013	0.017		0.0000126	<0.0000025	<2	<0.05	<0.05	0.4	<0.05	<0.05	<0.03	4.6	4.2	7	4.9	13.4	21	25.4	6.94	0.01	0.96	0.014		
7	26-Nov-16	Surface	16X164670	0.010	0.017		0.0000028	<0.0000025	<2	<0.05	<0.05	0.5	<0.05	<0.05	<0.03	4.4	4.5	<5	7.4	13.3	23	23.3	7.13	0.01	1.1	0.015		
8	26-Nov-16	Surface	16X164670	0.036	0.033		0.0000058	0.0000033	<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	12.1	11.4	<5	2.3	13.4	55	20.13	7.02	0.02	0.12	0.035		
10	26-Nov-16	Surface	16X164670	<MDL	<MDL		<0.0000019	<0.0000025	1190	<0.05	<0.05	<0.4	2.49	<1	0.11	2	1.8	5	1.5	11.9	25926	19.88	7.33	0.01	-0.26	16.71		Nitrate/Nitrite RDL = 1 mg/L
10	26-Nov-16	Nephloid	16X164670	<MDL	<MDL				1350	<0.05	<0.05	<0.4	4.6	<1	0.08	1.6	2	<5	1	11.9	30457	17.42	7.28	0.01	1.3	19.81		Nitrate/Nitrite RDL = 1 mg/L
10	26-Nov-16	Below Nephloid	16X164670	<MDL	<MDL				1530	<0.05	<0.05	<0.4	<1	<1	0.06	0.9	1	11	1	12.2	29650	22.3	7.1	0.01	1.2	24.63		Nitrate/Nitrite RDL = 1 mg/L
11	26-Nov-16	Surface	16X164670	<MDL	0.011		<0.0000019	<0.0000025	2300	<0.05	<0.05	<0.4	0.08	<2.5	0.06	<0.5	<0.5	15	1.2	13.8	46588	23.5	7.12	28.91	0.42	30.28		Nitrate/Nitrite RDL = 2.5 mg/L

1	29-Nov-16	Surface	16X165692	0.038	0.040	0.0000078	0.0000058	<2	<0.05	<0.05	0.7	<0.05	<0.05	<0.03	10.8	10.2	<5	1	11.5	18	19.15	6.67	0.01	-0.08		
4	29-Nov-16	Surface	16X165692	0.017	0.016	0.0000046	0.0000036	<2	<0.05	<0.05	0.7	<0.05	<0.05	<0.03	4.4	4.8	<5	1.8	12.2	23	19.01	7.44	0.01	0	0.015	
5	29-Nov-16	Surface	16X165692	0.013	0.016	0.0000084	0.0000027	<2	<0.05	<0.05	0.7	<0.05	<0.05	0.15	4.2	4	<5	2.9	12.3	23	21.3	7.13	0.01	-0.11	0.014	
1	2-Dec-16	Surface	16X166781	0.013	0.024	0.0000024		<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.07	4.1	4.6	18	4.8	12.2	21	22.15	6.74	0.01	-0.1	0.015	
4	2-Dec-16	Surface	16X166781	0.015	0.021	0.0000186		<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	5.3	5	<5	1.9	12.1	20	20.76	7.1	0.01	-0.06	0.016	
5	2-Dec-16	Surface	16X166781	0.018	0.016	<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.7	4.4	<5	3	12.8	21	24.36	7.31	0.01	-0.06		
1	11-Dec-16	Surface	16X169939	0.011	0.024	0.0000153		<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	6.9	6.1	<5	1.1	12.7	25	16.62	8.19	0.01	0.05	0.016	
4	11-Dec-16	Surface	16X169939	0.013	0.025	<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	5.9	5.2	<5	1.8	12.9	24	19.67	8.07	0.01	0.02	0.016	
5	11-Dec-16	Surface	16X169939	<MDL	0.015	0.0000129		<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	5.4	5.2	<5	1.4	12.9	25	21.2	7.78	0.01	0	0.016	
7	11-Dec-16	Surface	16X169939	0.010	0.019	<0.0000019		<2	<0.05	<0.05	0.7	<0.05	<0.05	<0.03	5.6	5.5	<5	1.8	13.1	26	19.12	7.72	0.01	0	0.017	
8	11-Dec-16	Surface	16X169939	0.028	0.029	<0.0000019		17	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	9.5	9	<5	1.6	13	404	16.6	7.97	0.19	-0.01	0.263	
10	11-Dec-16	Surface	16X169939	<MDL	0.017	<0.0000019		227	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	6.4	6.7	<5	2.2	14	6192	18.3	7.93	3.28	-0.11	4.032	
11	11-Dec-16	Surface	16X169939	<MDL	<MDL	<0.0000019		2360	<0.05	<0.05	<0.4	<0.05	9.52	<0.03	2.7	3.3	11	0.8	15.5	51582	17.5	8.49	32.01	-1.07	33.36	
N1	20-Dec-16	Surface	16X173490	0.025	0.041	0.0000049		<2	<0.05	0.08	0.4	0.07	<0.05	<0.03	9.7	7.2	13	3.9	11.4	35	17.86	6.63	0.01	0.01	0.022	
N10	20-Dec-16	Surface	16X173490	0.012	0.018	<0.0000019		70	<0.05	0.05	1	<0.05	<0.05	<0.03	6.4	6.2	8	2.1	11.5	2171	17.72	7.86	1.09	-0.03	1.415	
N11	20-Dec-16	Surface	16X173490	<MDL	<MDL	<0.0000019		1870	<0.05	<0.05	0.4	<0.05	<0.05	<0.03	4.4	4.6	13	0.9	11.4	30239	15.3	7.39	17.95	-0.43	19.66	
N12	20-Dec-16	Surface	16X173490	<MDL	<MDL	<0.0000019		1030	<0.05	<0.05	0.4	0.76	<0.05	0.28	11.6	12	11	1.2	11.7	28425	15.5	7.55	16.8		18.53	
N13	20-Dec-16	Surface	16X173490	<MDL	0.012	<0.0000019		314	<0.05	0.08	0.5	<0.05	<0.05	<0.03	6.7	6.4	7	2.2	11.5	44197	12.6	7.97	26.94	-1.23	28.76	
N4	20-Dec-16	Surface	16X173490	0.011	0.018	<0.0000019		<2	<0.05	0.08	<0.4	<0.05	<0.05	<0.03	5.6	5.5	9	3.1	11.5	27	18.7	7.92	0.01	0.06	0.017	
N5	20-Dec-16	Surface	16X173490	<MDL	0.015	0.0000027		<2	<0.05	0.08	<0.4	<0.05	<0.05	<0.03	6	5.7	13	9.6	11.7	23	17.9	8.13	0.01	0	0.015	
N6	20-Dec-16	Surface	16X173490	<MDL	0.013	<0.0000019		<2	<0.05	0.09	0.5	<0.05	<0.05	0.29	5.3	5.2	13	11.7	11.3	26	16.6	7.73	0.01	0	0.017	
N7	20-Dec-16	Surface	16X173490	<MDL	0.015	<0.0000019		<2	<0.05	0.09	0.8	<0.05	<0.05	0.09	5.7	5.5	13	6.9	11.4	27	18.6	7.61	0.01	0	0.018	
N8	20-Dec-16	Surface	16X173490	0.010	0.016	<0.0000019		7	<0.05	0.1	<0.4	<0.05	<0.05	<0.03	5.6	5.3	8	2.6	11.4	252	17.2	7.2	0.12	0.01	0.166	
N9	20-Dec-16	Surface	16X173490	0.012	0.021	<0.0000019		105	<0.05	0.09	0.6	<0.05	<0.05	<0.03	5.3	5.1	8	2.5	11.5	6257	16.9	6.96	4.32	0.31	4.653	
N11	20-Jan-17	Surface	17X180270	<MDL	<MDL	<0.0000019		133	<0.05	<0.05	<0.4	<0.05	0.72	<0.03	4.8	4.8	<5	3.8	14.1	3665	23.2	7.86	1.88	-0.09	2.382	
N11	20-Jan-17	Halocline	17X180270	<MDL	<MDL	<0.0000019		1700	<0.05	<0.05	0.5	1.62	<1.25	<0.03	2.5	2.2	<5	1.1	13.1	32636	14.16	7.54	19.63	0.14	21.27	Nitrite RDL 1.25 mg/L
N12	20-Jan-17	Surface	17X180270	<MDL	<MDL	<0.0000019		155	<0.05	<0.05	<0.4	0.11	0.65	<0.03	5.6	5.5	<5	2	14.5							Probes on Hydrolab frozen, *in situ* measurments could not be collected
N12	20-Jan-17	Halocline	17X180270	<MDL	<MDL	<0.0000019		1870	<0.05	<0.05	<0.4	<0.05	<1.25	<0.03	4.7	4.6	<5	1.1	12.6							Probes on Hydrolab frozen, *in situ* measurments could not be collected; Nitrite RDL 1.25 mg/L
N6	20-Jan-17	Surface	17X180270	0.010	0.019	<0.0000019		<2	<0.05	<0.05	1	<0.05	<0.05	<0.03	4.6	4.7	21	28.2	13.5	26	21.2	8.6	0.01	0.02	0.017	
N8	20-Jan-17	Surface	17X180270	<MDL	<MDL	<0.0000019		11	<0.05	<0.05	0.5	<0.05	<0.05	0.14	4.7	4.4	7	16.2	13.4	377	18.5	8.41	0.18	0	0.246	
N8	20-Jan-17	Halocline	17X180270	<MDL	<MDL	<0.0000019		1080	<0.05	<0.05	0.5	0.49	6.37	<0.03	9.4	9.3	11	5.1	12.7	25876	12.5	7.4	15.31	1.3	16.8	
N9	20-Jan-17	Surface	17X180270	<MDL	<MDL	<0.0000019		118	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	5	4.8	6	11.2	13.8	3166	18.18	7.9	1.62	-0.01	2.063	
N9	20-Jan-17	Halocline	17X180270	<MDL	<MDL	<0.0000019		1820	<0.05	<0.05	1.6	<0.05	7.76	<0.03	4.6	5.1	<5	0.9	12.7	21782	13.85	7.35	12.66	0.68	14.13	
N1	6-Feb-17	Surface	17X184860	0.035	0.033	<0.0000019		<2	<0.05	<0.05	<0.4	0.07	<0.05	<0.03	6.4	6.1	<5	1.9	11.3	137	18.6	7.45	0.01	0	0.087	
N10	6-Feb-17	Surface	17X184860	<MDL	0.011	<0.0000019		56	<0.05	<0.05	0.4	<0.05	0.45	<0.03	6	5.6	<5	11.8	11.4	2400	18.8	7.68	1.29	-0.02	1.583	
N10	6-Feb-17	Halocline	17X184860	<MDL	0.014	<0.0000019		50	<0.05	<0.05	0.5	<0.05	0.42	<0.03	4.9	4.7	<5	10.1	11.3	24186	14.37	7.37	13.85	0.35	15.7	
N11	6-Feb-17	Surface	17X184860	<MDL	0.013	<0.0000019		90	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	5.1	4.8	11	9.1	11.6	2965	20.49	7.72	1.52	-0.07	1.937	
N11	6-Feb-17	Halocline	17X184860	<MDL	<MDL	<0.0000019		1400	<0.05	<0.05	<0.4	3.11	12.4	<0.03	3.9	4.4	13	2.1	11.2	26361	23	7.35	16.13	0.24	17.65	
N12	6-Feb-17	Surface	17X184860	<MDL	0.015	<0.0000019		105	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.8	4.8	<5	4.6	11.4	3386	32.12*	8.3	1.64	-0.19	2.117	DO meter maybe freezing and leading to erroneous results
N12	6-Feb-17	Halocline	17X184860	<MDL	<MDL	<0.0000019		1250	<0.05	<0.05	0.4	0.44	12.4	<0.03	3.8	3.4	12	1.5	11.5	21142	32.17*	7.69	14.58	-0.12	15.66	Nitrite RDL = 1.5mg/L; DO meter maybe freezing and leading to erroneous results
N13	6-Feb-17	Surface	17X184860	<MDL	<MDL	<0.0000019		1740	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.3	4.1	<5	1	11.5	40880	33.79*	7.66	24.88	-1.13	26.64	DO meter maybe freezing and leading to erroneous results
N4	6-Feb-17	Surface	17X184860	0.010	0.025	<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.1	4.7	4.5	389	17.8	11.3	25	22.1	7.75	0.01	0.03	0.017	
N5	6-Feb-17	Surface	17X184860	<MDL	0.019	<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.06	4.6	4.4	50	17.5	11.4	26	23.42	7.84	0.01	0	0.017	
N6	6-Feb-17	Surface	17X184860	<MDL	0.013	<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.03	4.8	4.6	33	27.6	11.5	27	23.2	7.76	0.01	0.03	0.017	
N7	6-Feb-17	Surface	17X184860	<MDL	0.010	<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.8	4.5	17	19.3	11.4	33	14.35	8.3	0.01	-0.03	0.021	
N8	7-Feb-17	Surface	17X185400	0.010	0.013	0.0000035		8	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.6	4.4	<5	14.6	13.4	306	30.3*	8.19	0.13	0.1	0.186	DO meter maybe freezing and leading to erroneous results
N8	7-Feb-17	Halocline	17X185400	0.010	0.013	<0.0000019		8	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.8	4.6	6	14.2	13.5	5877	16.26	7.26	2.63	0.03	3.5	
N9	7-Feb-17	Surface	17X185400	<MDL	0.011	<0.0000019		75	<0.05	<0.05	<0.4	<0.05	<0.05	0.06	4.6	4.5	6	11.6	13	1833	22.1	7.61	0.91	-0.12	1.196	
N9	7-Feb-17	Halocline	17X185400	<MDL	0.010	<0.0000019		80	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.9	4.5	6	13.1	13	18680	18.6	7.2	11.9	-0.05	13.06	
N1	14-Feb-17	Surface	17X187415	0.010	0.015	<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.4	4	<5	1.7	13.8	24	22.2	6.41	0.01	0	0.016	
N10	14-Feb-17	Surface	17X187415	<MDL	0.013	<0.0000019		66	<0.05	<0.05	0.5	<0.05	<0.05	<0.03	5.3	5.1	<5	6.2	14.2	2170	22.3	7.03	1.1	-0.06	1.429	
N10	14-Feb-17	Halocline	17X187415	0.013	0.014	<0.0000019		78	<0.05	<0.05	1	<0.05	<0.05	<0.03	5.4	5.2	<5	6	14	2847	14.8	7.16	1.46	-0.07	1.865	
N11	14-Feb-17	Surface	17X187415	0.010	0.010	<0.0000019		78	<0.05	<0.05	0.5	<0.05	0.45	<0.03	4.6	4.7	<5	9.1	13.9	3853	21.27	8	1.91	-0.06	2.403	
N11	14-Feb-17	Halocline	17X187415	<MDL	0.013	<0.0000019		76	<0.05	<0.05	0.5	<0.05	<0.05	<0.03	4.6	4.5	<5	9.4	12.8	31857	15.2	7.71	19.28	0.58	20.85	
N12	14-Feb-17	Surface	17X187415	<MDL	<MDL	<0.0000019		115	<0.05	<0.05	0.5	<0.05	<0.05	<0.03	4.7	4.8	<5	3.7	12.6	3293	21.7	7.9	1.68	-0.06	2.132	
N12	14-Feb-17	Halocline	17X187415	<MDL	<MDL	<0.0000019		1200	<0.05	<0.05	0.5	0.43	10.6	<0.03	5.6	5.8	<5	1.1	12.8	32440	12.31	7.8	19.52	0.82	21.08	Nitrite RDL = 1mg/L
N13	14-Feb-17	Surface	17X187415	<MDL	<MDL	<0.0000019		2030	<0.05	<0.05	1.9	<0.05	<2.50	<0.03	4.5	3.4	23	1.5	13.8	49077	16.57	7.79	30.24	-1.15	31.91	Nitrite RDL = 2.5mg/L
N4	14-Feb-17	Surface	17X187415	0.010	0.014	<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	0.67	3.8	4.2	<5	8.6	12.6	24	20.4	7.45	0.01	0.01	0.016	
N6	14-Feb-17	Surface	17X187415	<MDL	0.016	<0.0000019		<2	<0.05	<0.05	0.4	<0.05	<0.05	<0.03	4.3	4.1	7	27.1	13.3	27	18.7	7.4	0.01	0.01	0.017	
N7	14-Feb-17	Surface	17X187415	0.010	0.016	<0.0000019		<2	<0.05	<0.05	0.4	<0.05	<0.05	<0.03	4.3	4.1	9	22.7	13.2	28	17.9	7.3	0.01	0.01	0.018	
N5	15-Feb-17	Surface	17X187648	0.010	0.038	<0.0000019		<2	<0.05	0.08	<0.4	<0.05	<0.05	0.36	4.2	3.8	221	61.5	12	16	22.7	8.78	0.01	0	0.01	
N8	15-Feb-17	Surface	17X187648	0.010	0.012	<0.0000019		13	<0.05	0.07	<0.4	<0.05	<0.05	<0.03	3.8	3.8	28	17.3	12.2	392	22.8	8.2	0.19	-0.01	0.257	
N8	15-Feb-17	Halocline	17X187648	<MDL	0.010	<0.0000019		749	<0.05	<0.05	<0.4	0.32	<1.00	<0.03	5.1	5	9	9.1	11.5	8636	15.4	7.17	5.85	0.76	6.506	Nitrite RDL = 1mg/L
N9	15-Feb-17	Surface	17X187648	0.011	0.011	<0.0000019		67	<0.05	<0.05	<0.4	<0.05	<0.05	0.07	5.1	4.9	7	5.7	11.4	3230	20.2	7.77	1.65	-0.02	2.097	
N9	15-Feb-17	Halocline	17X187648	<MDL	<MDL	<0.0000019		1350	<0.05	<0.05	<0.4	1.41	<1.50	<0.03	7.6	5.8	9	4.3	11.3	23041	15.22	7.43	13.54	0.88	15.06	Nitrite RDL = 1.5mg/L
N1	22-Feb-17	Surface	17X189629	0.05	0.044	<0.0000019		<2	<0.05	<0.05	<0.4	0.08	<0.05	<0.03	6.9	6.1	<5	1.2	11.3	28	17.7	6.9	0.01	0.01	0.018	
N10	22-Feb-17	Surface	17X189629	<MDL	0.012	<0.0000019		50	<0.05	<0.05	<0.4	<0.05	0.37	<0.03	5.2	4.9	<5	6	11.6	2100	15.7	7.04	1.02	-0.01	1.338	
N10	22-Feb-17	Halocline	17X189629	0.010	0.015	<0.0000019		54	<0.05	<0.05	<0.4	<0.05	0.46	<0.03	5.5	5.4	<5	6	12.2	19400	12.35	6.75	11.79	0.56	13.15	
N11	22-Feb-17	Surface	17X189629	<MDL	<MDL	<0.0000019		95	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.9	4.7	6	6.8	12.3	2304	18.72	8.05	1.16	-0.06	1.498	
N11	22-Feb-17	Halocline	17X189629	<MDL	<MDL	<0.0000019		912	<0.05	<0.05	<0.4	1.44	9.81	<0.03	9.2	9.4	<5	3.1	11.9	15798	16.06	7.5	8.99	0	10.29	
N12	22-Feb-17	Surface	17X189629	0.010	<MDL	<0.0000019		150	<0.05	<0.05	<0.4	0.15	0.7	<0.03	5	4.9	<5	4.6	12.5	3032	22.3	7.44	1.57	-0.1	1.997	
N12	22-Feb-17	Halocline	17X189629	0.010	0.010	<0.0000019		153	<0.05	<0.05	<0.4	0.15	0.72	<0.03	5	4.8	5	4.5	12.2	23191	15.76	7.18	13.68	0.66	15.3	
N13	22-Feb-17	Surface	17X189629	<MDL	0.010	<0.0000019		1590	<0.05	<0.05	<0.4	1.64	18.6	<0.03	6.1	5.8	8	0.7	12.6	35482	18.02	8.12	21.2	-1.06	23.03	
N4	22-Feb-17	Surface	17X189629	0.010	0.021	<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.2	4.1	5	7	11.5	19	20.2	6.9	0.01	0	0.013	
N4	22-Feb-17	Mid	17X189629	0.012	0.014	<0.0000019		5	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.4	4.4	<5	6.4	11.6	19	16.1	6.47	0.01	0	0.013	
N4	22-Feb-17	Bottom	17X189629	0.010	0.010	<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.4	4.1	5	6.7	11.5	19	16.73	6.45	0.01	0	0.013	
N5	22-Feb-17	Surface	17X189629	0.014	0.037	<0.0000019		<2	<0.05	<0.05	<0.4	0.06	<0.05	<0.03	3.9	4	227	66.9	11.8	20	22.4	7.08	0.01	0	0.013	
N6	22-Feb-17	Surface	17X189629	0.011	0.015	<0.0000019		<2	<0.05	<0.05	<0.4	<0.05	<0.05	<0.03	4.1	3.9	9	11.8	11.5	19	20.2	6.8	0.01	0	0.013	
N7	22-Feb-17	Surface	17X189629	0.010	0.011	<0.0000019		<2	<0.05	<0.05	<0.4	0.06	<0.05	<0.03	4.2	4	<5	14.7	11.3	19	19.92	7.38	0.01	0	0.013	
N8	22-Feb-17	Surface	17X189629	0.011	0.010	0.0000034		8	<0.05	<0.05	<0.4	<0.05	0.07	<0.03	3.9	3.8	9	9.7	12.2	208	18.43	7.97	0.1	0	0.135	
N8	22-Feb-17	Halocline	17X189629	<MDL	0.010	0.000021		9	<0.05	<0.05	<0.4	<0.05	0.09	<0.03	4	4	<5	9.7	11.9	15343	14.13	6.99	8.79	1.12	10.02	
N9	22-Feb-17	Surface	17X189629	<MDL	<MDL	<0.0000019		51	<0.05	0.05	<0.4	<0.05	0.47	<0.03	4.2	4.2	<5	9	11.6	1209	18.14	7.55	0.59	0.03	0.786	
N9	22-Feb-17	Halocline	17X189629	<MDL	0.010	<0.0000019		844	<0.05	<0.05	<0.4	0.19	<0.05	<0.03	3.7	3.1	<5	2.5	11.4	19910	14.52	7	11.46	0.95	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	18	19.2	7.16	0.01	0	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	<5	5.3	12.1	1405	13.46	7.12	0.69	-0.03	0.914	Ammonia RDL = 0.03mg/L
N10	28-Feb-17	Halocline	17X191581	0.010	0.02	<0.0000019		64	<0.05	<0.03	0.4	0.13	0.53	<0.03	4.3	4	6	5.5	12.6	19122	12.44	6.68	11.06	0.38	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	3	7	4.8	12.1	17	19.2	7.02	0.01	0	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	18	14.5	6.99	0.01	0.01	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	18	15.2	7.04	0.01	0.01	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	12.7	21	14.41	7.78	0.01	0	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	23	22.01	7.46	0.01	0.01	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	16		7.34	0.01	-0.01	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	1205	16.9	6.79	0.58	-0.04	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	26522	12.37	6.87	16.88	1.18	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	<5	7.5	12.3	2040	13.33	8.3	1.01	-0.1	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	26480	11.7	7.67	16.03	1.36	17.44	Ammonia RDL = 0.03mg/L; Nitrate/Nitrite RDL = 5.0 mg/L
N12	7-Mar-17	Surface	17X193881	0.010	0.01	<0.0000019	<0.0000025	118	<0.05	<0.03	1.3	<0.05	<0.05	<0.03	4	4.1	<5	5.6	13	2746	18.41	8	1.39	-0.07	1.784	Ammonia RDL = 0.03mg/L
N12	7-Mar-17	Halocline	17X193881	<MDL	0.01	<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	27313	14.42	7.37	16.35	0.95	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	36805	16.22	8.16	22.31	0.37	23.89	Ammonia RDL = 0.03mg/L; Nitrate/Nitrite RDL = 5.0 mg/L
N4	7-Mar-17	Surface	17X193881	0.016	0.14	0.0000049	<0.0000025	<2	<0.05	<0.03	0.4	<0.05	<0.05	1.12	3.4	3.3	1170	1510	12.6	6		7.46	0.01	0	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	12.7	4	13.77	7.34	0.01	0	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	20	17.46	7.33	0.01	0.02	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	22	16.22	7.17	0.01	0.01	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	3.7	<5	8.1	12.4	385	16.19	8.25	0.18	-0.01	0.246	Ammonia RDL = 0.03mg/L
N8	8-Mar-17	Halocline	17X194190	0.011	0.01	0.0000033		87	<0.05	<0.05	0.7	<0.05	0.71	<0.03	3.5	3.3	6	9.4	11.9	22126	10.51	7.47	12.84	1.51	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	<5	9	11.7	2006	20.17	7.69	1.01	-0.08	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	32612	10.54	7.8	19.7	1.93	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	19	15.4	8.6	0.01	0.01	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	887	18.85	7.07	0.49	-0.05	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	27988	12.35	7.22	17.2	1.25	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	1531	16.03	7.73	0.75	-0.07	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	31576	10.78	7.22	19.14	1.7	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	12.6	3100	18.37	8.37	1.58	-0.08	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	33831	12.68	7.67	20.54	1.94	21.99	Ammonia RDL = 0.03mg/L
N13	17-Mar-17	Surface	17X197298	<MDL	0.01	<0.0000019	1900	<0.05	<0.03	<0.4	<0.05	<5.0	0.07	<0.5	<0.5	7	1.2	12.1	39562	9.85	7.36	23.98	-1.11	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	20	13.2	7.62	0.01	0.01	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	20	13.24	7.7	0.01	0	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	3.8	<5	10.4	12.7	24	14.31	7.9	0.01	0	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	3	29.32	6.89	0.01	0	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	13	17	26.13	8.66	0.01	0.01	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	13	22.5	7.36	0	0.01	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	20	19.7	9.1	0.01	0.08	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	1389	15.25	7.1	0.68	0.01	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	17201	12.39	6.66	9.96	0.32	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	1582	17.6	8.39	0.77	-0.01	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	24142	15.28	7.55	13.7	0.86	15.46	Nitrate/Nitrite MDL = 5.0 mg/L
N12	22-Mar-17	Surface	17X198584	<MDL	0.01	<0.0000019	140	<0.05	<0.03	0.5	<0.50	<0.50	<0.03	3.5	3.6	<5	3.8	13.8	3171	19.8	8.26	1.62	-0.11	1.62	Nitrate/Nitrite MDL = 0.5 mg/L
N12	22-Mar-17	Halocline	17X198584	<MDL	0.01	<0.0000019	1160	<0.05	<0.03	<0.4	<5.0	<5.0	<0.03	4.1	4.6	<5	2.5	13.2	24652	14.46	7.44	14.44	0.45	14.44	Nitrate/Nitrite MDL = 5.0 mg/L
N13	22-Mar-17	Surface	17X198584	<MDL	0.01	<0.0000019	2160	<0.05	<0.03	<0.4	<10	<10	0.72	3.5	2.4	11	1.4	13.7	39960	16.7	8.06	24.13	-1.15	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	12.2	8	15.2	8.3	0	0.01	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	8	11.6	8.3	0	0.02	0.005	
N4	22-Mar-17	Bottom	17X198584																13	17.7	8.1	0	0.03	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	700	674	13.9	4	17.6	7.75	0	0.05	0.002	
N6	22-Mar-17	Surface	17X198584	0.020	0.03	<0.0000019	3	<0.05	<0.03	<0.4	0.08	<0.05	0.21	5.2	5.1	8	8.8	14.3		11.69	7.28	0	0.02		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	13.1	20	14.7	7.76	0.01	0.07	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	82	15.3	8.47	0.04	-0.05	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	20430	13.43	7.55	12.19	1.24	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	1217	13.12	8.44	0.59	-0.08	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	20600	10.96	7.45	12.17	-0.9	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	<5	2	12.2	14	12.62	8.2	0	-0.03	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	9	18.4	12.3	19	14.7	7.8	0.01	-0.01	0.013	
N4	27-Mar-17	Mid	17X199860																20	11.25	7.51	0.01	-0.02	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	20	11.29	7.41	0.01	-0.02	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	12.7	4	18.7	7.66	0	0	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	13	11.41	7.57	0.01	-0.05	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	22	10.98	7.44	0.01	0.15	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	231	15.3	7.19	0.11	-0.03	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	7402	11.1	6.73	4.39	0.56	5.155	
N10	28-Mar-17	Surface	17X200351	0.010	0.014	<0.0000019	64	<0.05	<0.03	0.6	<0.05	<0.05	<0.03	5.1	4.8	<5	2.6	13.4	983	16.3	8.6	0.54	-0.09	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	27172	9.92	8	16.32	1.16	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	<5	6.8	13.4	1612	15.9	8.9	0.8	-0.13	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	30393	9.35	8.4	18.17	0.96	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	2495	15.56	8.2	1.26	-0.07	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	26126	10.38	8.02	15.48	0.93	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	39425	11.71	8.12	23.81	-0.35	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	4.7	<5	7.1	13.4	2886	14.1	8.2	1.47	-0.05	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	17417	11.33	7.91	10.04	0.78	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	20	11.22	8.7	0	0.41	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	1382	11.7	7.38	0.73	-0.15	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	14750	10.87	6.33	8.75	0.07	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	2070	12.28	7.7	1.11	-0.19	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	12030	10.79	6.99	5.36	-0.32	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	3053	12.16	8.6	1.65	-0.19	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	17700	10.46	7.68	10.57	0.51	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	34220		8.4	21.57	-0.54	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	11.7	21	11.11	7.88	0	-0.11	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	19	11.15	7.95	0	-0.11	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	19	11.08	8.05	0	-0.11	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	3.7	50	31.4	11.5	18	12.51	7.85	0	-0.12	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	14	12.66	7.87	0	-0.11	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	88	16.9	12.2	18	12.54	7.8	0	-0.11	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	387	12.6	7.92	0.19	-0.13	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	4	5	8.9	11.5	1038	12.68	7.51	0.56	-0.14	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	2606	12.24	7.65	1.38	-0.07	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	3.5	7	4.4	11.7	9618	11.5	7.04	5.43	0.39	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	44	16.02	8.66	0.01	3.66	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	20	13.58	7.27	0.01	-0.08	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	20	13.56	7.29	0.01	-0.08	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	11.5	19	20.22	7.97	0.01	-0.07	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	20	19.55	7.96	0.01	-0.07	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	23	17.74	8.47	0.01	-0.07	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	22	11.33	7.66	0.01	-0.09	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	1659	16.25	7.95	0.82	-0.11	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	2.3	<5	1.3	11.4	24740	12.53	7.31	14.66	0.84	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	<5	6.3	12.1	1905	18.45	8.21	0.95	-0.12	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	27653	11.9	7.46	16.44	1.31	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	2483	19.78	8.14	1.25	-0.12	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	33965	13.11	7.57	20.64	1.65	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	38618	16.52	7.64	23.3	-0.94	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	251	16.69	8.34	0.12	-0.08	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	12.1	16580	13.22	7.22	9.01	1.02	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	3443	16.85	7.72	1.76	-0.07	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	22198	12.81	7.24	12.97	1.08	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	21	16.2	8.72	0	-0.04	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	1134	11.02	7.3	0.55	-0.16	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	29874	9.93	6.56	17.81	1.16	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	1778	15.98	8.2	0.88	-0.17	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	27078	12.22	7.36	16.11	1.21	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	2622	15.03	8.23	1.32	-0.18	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	12.2	27618	11.39	7.51	16.48	0.91	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	34425	10.71	8.15	20.87	0.34	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	<3	8	12.4	32	14.62	7.8	0	-0.09	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	19	13.02	7.54	0	-0.1	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	19	13.27	7.53	0	-0.1	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	13.1	14	17.3	7.3	0	-0.09	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	35	13.23	7.47	0	-0.06	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	23	15.72	7.59	0	-0.09	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	266	16.96	8.55	0.12	-0.11	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	11.4	15822	13.17	7.2	9.06	0.95	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	3123	14.03	7.52	1.59	-0.13	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	19108	11.1	6.96	11.02	0.85	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	20	12.53	8.11	0	-0.06	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	1729	14.98	7.16	0.86	-0.16	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	23415	11.15	6.94	13.78	0.64	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	12.3	2071	15.12		1.03	-0.23	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	21732	12.64		12.56	0.67	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	3.8	<3	3.2	12	3060	14.83		1.56	0.03	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	11.1	31050	11.35		18.29	1.22	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	37725	12.75	7.82	23.67	7	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	19	13.58	7.89	0	-0.16	0.012	TSS MDL = 3.0mg/L
N4	25-Apr-17	Mid	17X208598																		19	11.76	7.55	0	-0.17	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	18	12.02	7.6	0	-0.17	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	25	13.23	7.7	0	-0.14	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	21	14.93	7.61	0	-0.15	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	22	14.43	7.44	0	-0.15	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	267	15.7		0.13	-0.15	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	17157	12.83		10.02	0.74	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	3260	16.3		1.68	-0.22	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	16742	12.93		10.35	0.67	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	0.198	11.44	8.75	0	3.9	0.126	conductivity in S/cm
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	11	1.936	11.79	7.59	1.03	-0.08	1.239	Nitrate/Nitrite RDL = 10 mg/L; conductivity in S/cm
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	15.12	10.63	7.17	8.73	0.24	9.649	Nitrate/Nitrite RDL = 10 mg/L; conductivity in S/cm
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	3.78	12.08	7.98	2.09	-0.17	2.438	Nitrate/Nitrite RDL = 10 mg/L; conductivity in S/cm
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	23.5	10.01	7.26	14.39	0.9	15.06	Nitrate/Nitrite RDL = 10 mg/L; conductivity in S/cm
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	2.842	12.14	7.83	1.54	-0.14	1.82	Nitrate/Nitrite RDL = 10 mg/L; conductivity in S/cm
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	25.27	9.66	7.21	15.23	0.8	16.09	Nitrate/Nitrite RDL = 10 mg/L; conductivity in S/cm
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	39.23	11.35	7.73	25.04	1.19	25.13	Nitrate/Nitrite RDL = 10 mg/L; conductivity in S/cm
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	0.0189	11	8.28	0	-0.08	0.0122	conductivity in S/cm
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	0.0195	10.64	7.97	0	-0.1	0.0124	conductivity in S/cm
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	11	0.0194	10.68	8.09	0	-0.09	0.0124	conductivity in S/cm
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	11.4	0.0185	12.35	7.84	0	-0.07	0.0119	conductivity in S/cm
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	4	4	9.6	11.5	0.0221	12.17	7.8	0	-0.1	0.0143	conductivity in S/cm
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	11.5	0.1374	11.94	8.7	0.06	0.1	0.0876	conductivity in S/cm
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	11.55	11.28	7.18	6.39	0.55	7.726	conductivity in S/cm
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	4.595	11.48	8.52	2.52	-0.08	2.946	Nitrate/Nitrite RDL = 5.0 mg/L; conductivity in S/cm
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	13.28	10.91	7.7	7.63	0.59	8.498	Nitrate/Nitrite RDL = 5.0 mg/L; conductivity in S/cm
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	3.8	17	21.5	10.9	0.0209	12.55	7.84	0	-0.1	0.0134	conductivity in S/cm
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	0.0162	11.4	7.73	0	1.98	0.0104	conductivity in S/cm
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	0.0178	10.45	7.17	0	-0.06	0.0115	conductivity in S/cm
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	0.018	10.41	7.04	0	-0.06	0.0115	conductivity in S/cm
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	0.0181	10.49	7.33	0	-0.04	0.0116	conductivity in S/cm
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	0.0183	13.15	7.14	0	0.12	0.0117	conductivity in S/cm
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	0.0191	12.9	6.53	0	-0.06	0.0122	conductivity in S/cm
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	11.1	0.0201	12.57	6.63	0	-0.09	0.127	conductivity in S/cm
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	1.816	11.96	7.24	0.97	0.32	1.161	conductivity in S/cm
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	2.9	5	2	10.1	28.91	9.01	7.28	18.02	1.1	18.67	Nitrite RDL = 5.0 mg/L; conductivity in S/cm
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	3	12.22	7.55	1.62	0.13	1.922	conductivity in S/cm
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	20.26	10.03	7.1	18.12	0.87	12.91	Nitrate/Nitrite RDL = 5.0 mg/L; conductivity in S/cm
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	3.392	12.26	8.06	1.84	-0.12	2.172	conductivity in S/cm
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	29.65	9.34	7.43	18.55	0.87	19.23	Nitrite RDL = 5.0 mg/L; conductivity in S/cm
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	14.5	10	5.8	10.6	38.13	10.61	6.94	24.16	1.25	24.35	Nitrite RDL = 5.0 mg/L; conductivity in S/cm
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	3.803	11.36	6.26	2.07	0.61	2.43	conductivity in S/cm
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	24.48	9.53	6.11	14.69	1.07	15.42	conductivity in S/cm
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	0.2954	12.53	6.31	0.14	-0.03	1.89	conductivity in S/cm
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	10.1	19.78	9.84	6.51	11.73	1.26	12.63	conductivity in S/cm
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	0.0149	10.96	6.2	0	1.58	0.0095	conductivity in S/cm
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	11	1.6	11.7	5.99	0.85	0.48	1.023	conductivity in S/cm
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	20.34	9.88	6.01	12.38	0.62	13.18	conductivity in S/cm
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	0.5033	10.89	5.96	0.22	0.26	0.3184	conductivity in S/cm
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	20.77	10.05	6.03	12.28	0.99	13.16	conductivity in S/cm
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	0.1071	10.93	5.88	0.05	0.01	0.0707	conductivity in S/cm
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	25.28	9.84	6.02	15.22	0.86	16.29	conductivity in S/cm
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	31.7	11.63	6.09	19.75	1.96	20.31	conductivity in S/cm
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	0.013	10.81	6.66	0	0.90	0.0083	conductivity in S/cm
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	0.013	10.77	6.25	0	0.88	0.0082	conductivity in S/cm
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	7.8	39	30.1	10.5	0.013	10.79	6.16	0	0.89	0.0083	conductivity in S/cm
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	0.014	13.62	6.35	0	0.46	0.009	conductivity in S/cm
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	0.0139	13.59	6.35	0	0.01	0.0088	conductivity in S/cm
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	0.0142	12.97	6.36	0	-0.08	0.0092	conductivity in S/cm
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	0.0983	12.41	5.98	0.04	0.15	0.0649	conductivity in S/cm
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	13.47	10.84	5.98	7.93	0.66	8.788	conductivity in S/cm
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	1.139	10.46	5.97	0.6	1.06	0.7361	conductivity in S/cm
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	16	18.6	11	8.602	10.74	5.94	10.3	0.71	5.61	conductivity in S/cm
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	0.0142	10.59	5.84	0	8.35	0.0092	conductivity in S/cm
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	3.9	8	1.8	11.6	30.21	12.04	5.5	18.69	12.04	19.35	conductivity in S/cm
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	0.0127	10.53	5.95	0	6.39	0.0081	conductivity in S/cm
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	8.9	<5	5.6	11.5	0.0127	10.53	5.92	0	6.32	0.0082	conductivity in S/cm
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	<5	5.6	11.6	0.0126	10.51	5.93	0	6.31	0.0082	conductivity in S/cm
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	0.0129	11.59	5.87	0	5.75	0.0082	conductivity in S/cm
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	0.0134	12.01	5.66	0	6.81	0.0084	conductivity in S/cm
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	0.0129	11.54	5.89	0	6.00	0.0082	conductivity in S/cm
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	0.015	10.38	5.77	0	5.73	0.0093	conductivity in S/cm
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	0.0140	10.13	5.79	0	6.64	0.009	conductivity in S/cm
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	0.0141	10.20	5.79	0	6.36	0.009	conductivity in S/cm
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	0.0141	10.22	5.84	0	6.42	0.009	conductivity in S/cm
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	7.4	87	51.9	11.4	0.0175	10.96	5.76	0	7.5	0.0113	conductivity in S/cm
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	0.0144	11.39	5.73	0	6.52	0.0092	conductivity in S/cm
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	0.0147	10.77	5.78	0	7.06	0.0095	conductivity in S/cm
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	0.6856	10.5	5.52	0.34	7.56	0.4208	conductivity in S/cm
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	27.55	8.11	5.5	17.02	3.64	17.6	conductivity in S/cm
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	3.6	10.26	5.49	1.95	7.32	2.299	conductivity in S/cm
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	16.9	9.24	5.48	10.09	4.92	10.96	conductivity in S/cm
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	10	3.4	11.4	25.09	11.73	5.53	15.26	8.88	16.06	conductivity in S/cm
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	5.495	10.32	5.9	3.03	7.1	3.517	conductivity in S/cm
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	33.42	8.88	5.92	19.44	1.93	19.73	conductivity in S/cm
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	5.384	10.36	5.88	2.96	7.19	3.448	conductivity in S/cm
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	5.506	10.39	5.88	3.03	7.02	3.522	conductivity in S/cm
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	0.0138	10.35	-	0	8.15	0.0088	conductivity in S/cm
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	0.0149	11.5	-	0	8.82	0.0095	conductivity in S/cm
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	6	12.8	11.1	0.158	10.9	-	0	9.27	0.0101	conductivity in S/cm
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	0.0143	11.3	-	0	8.74	0.0091	conductivity in S/cm
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	5.7	<5	0.9	10.3	0.0149	10.06	5.37	0	11.67	0.0094	conductivity in S/cm
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	0.0138	10.19	5.34	0	10.74	0.0085	conductivity in S/cm
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	10.6							
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	<5	5.2	10.5							

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	0.0136	11.09	5.22	0	11.14	0.0088	conductivity in S/cm
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	0.0139	8.45	5.1	0	10.14	0.088	conductivity in S/cm
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	6.7	8	10.5	10.8	0.0148	11.31	5.24	0	11.01	0.0094	conductivity in S/cm
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	0.0424	11.16	5.26	0	11.44	0.0292	conductivity in S/cm
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	3.834	10.49	5.23	2.13	9.68	2.533	conductivity in S/cm
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	1.589	10.23	5.29	0.84	13.1	1.01	conductivity in S/cm
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	18.61	9.59	5.44	10.94	5.9	11.79	conductivity in S/cm
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	4.776	10.91	5.79	2.63	12.77	3.09	conductivity in S/cm
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	18.66	9.67	5.99	11.04	5.78	11.96	conductivity in S/cm
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	4.835	11.7	5.35	2.64	12	3.088	conductivity in S/cm
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	5.8	9.99	5.39	3.2	10.42	3.712	conductivity in S/cm
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	9.546	10.26	5.97	5.35	9.55	6.082	conductivity in S/cm
N12	28-Jun-17	Halocline	17X231355	<MDL	<MDL	1.24	43	<0.05	<0.03	1.7	<0.50	<0.50	<0.03	4	3.8	<5	2.1	10.6	37.49	8.61	5.97	23.97	1.3	23.4	conductivity in S/cm
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	27.49	12.01	5.89	16.83	13.75	17.57	conductivity in S/cm
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	21	13.1	7.23	0	11.7	0.018	
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	16	18.03	7.36	0.01	12.6	0.014	
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	16	12.94	6.44	0.01	12.35	0.014	
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	16	13.5	6.59	0.01	12.32	0.014	
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	12.3	7.39	0	14.66	0.014	
N6	5-Jul-17	Surface	17X233758	0.022	0.028		<2	<0.05	<0.03	0.4	<0.05	<0.05	0.04	6	5.6	7	5.9	10.5	13	13.94	6.83	0	12.96	0.015	
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	17	13.26	6.75	0.01	13.24	0.015	
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	75	11.6	8.66	0.05	14.36	0.061	
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	10195	13.5	7.44	11.67	9.88	12.09	
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	6.7	5	7.6	10.8	1348	12.21	7.97	0.87	13.9	1.111	
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	11555	13.8	7.1	9.26	7.91	10.61	
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	<5	4.2	10.4	4792	12.23	7.64	3.36	13.14	3.996	
N10	5-Jul-17	Halocline	17X233758	<MDL	<MDL	1.1	514	<0.05	<0.03	<0.4	<5.0	<5.0	0.15	4.2	4	<5	1.9	11	17003	13.94	6.87	13.04	4.5	13.19	
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	5065	12.63	7.98	3.43	15	4.068	
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	5065	12.7	7.96	3.51	14.1	4.158	
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	7072	16.6	7.68	16.68	13.15	19.12	
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	<5	1.9	11	17861	13.62	8.36	5.09	4.5	5.935	
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	19541	10.65	8.17	13.72	17.8	14.73	
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	11.62	6.24	0.01	13.56	0.014	
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	10.1	13	11.76	5.81	0	13.86	0.013	
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	17	11.46	5.76	0	13.86	0.014	
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	16	11.64	5.81	0	13.86	0.014	
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	17	12.77	6.19	0.01	14.41	0.013	
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	17	13.23	6.16	0.01	13.82	0.014	
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	6.6	15	23.2	10.4	17	13	5.92	0	13.56	0.014	
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	235	12.75	6.95	0.14	13.46	0.196	
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	4	<5	4.4	10.1	11292	13.99	6.27	9.29	7.81	10.53	
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	2660	13.44	6.77	1.77	13.8	2.184	
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	15101	14.64	6.72	15.01	4.03	16.24	
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	8	3.1	10.4	3963	12.66	8.12	2.73	13.34	3.312	
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	11610	13.5	7.75	10.43	7.88	12.08	
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	10.5	6579	12.23	7.22	4.67	13.8	15.427	
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	6581	12.56	7.3	4.88	12.26	5.659	
N12	10-Jul-17	Surface	17X235481	<MDL	<MDL	0.96	754	<0.05	<0.03	<0.4	<5.0	<5.0	<0.03	4	3.5	<5	1.6	10.6	11451	12.71	7.26	9.07	11.28	10.09	
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	14390	13.09	7.44	13.21	6.89	14.34	
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	28833	14.23	7.79	23.04	14.12	23.66	
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	11.15	6.2	0	15.88	0.015	
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	11.94	6.26	0	16.8	0.014	
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	11.5	6.07	0	16.8	0.015	
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	19	11.62	6.07	0	16.79	0.015	
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	19	15.61	6.27	0	16.39	0.014	
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	14.36	6.49	0	16.16	0.014	
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	5.7	6	5.6	9.3	19	14.2	6.46	0	16.97	0.015	
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	528	12.84	6.46	0.31	17.25	0.411	
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	11308	12.85	6.65	9.47	10.09	10.34	
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	5577	12.29	7.18	3.72	16.07	4.393	
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	14850	13.73	7.02	13.4	7.6	14.53	
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	14435	13.53	7.89	11	13.41	12.02	
N10	19-Jul-17	Halocline	17X239306	<MDL	<MDL	0.75	937	<0.05	<0.03	0.7	<5.0	<5.0	<0.03	4	3.6	<5	2	10.2	16104	13.81	7.63	16.02	5.27	16.61	
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	9045	13.61	7.42	6.22	16.49	7.089	
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	9.9	9138	12.29	7.52	6.37	15.67	7.247	
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	8.651	12.63	7.66	5.97	15.82	6.824	
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	17805	14.06	7.3	17.57	4.2	19.14	
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	17491	13.91	7.75	14.98	9.79	16.03	
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	5.3	<5	1.3	9.7	20	11.45	7.27	0.01	15.45	0.015	
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	12.42	6.54	0.01	15.96	0.015	
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	9.1	18	12.18	6.35	0.01	15	0.015	
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	12.33	6.48	0.01	11.93	0.015	
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	18	12.62	6.66	0.01	14.9	0.015	
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	18	13.62	6.25	0.01	14.92	0.015	
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	20	13.07	6.23	0.01	15.32	0.016	
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	1301	11.64	7.43	0.79	15.82	1.02	
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	13727	12.96	6.49	12.35	8.44	13.33	
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	5.7	6	9	9.2	4414	11.95	7.65	3.06	13.7	3.637	
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	9.4	15189	13.3	7.03	13.66	7.52	14.8	
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	11382	12.61	8.09	6.54	16.37	7.458	
N10	27-Jul-17	Halocline	17X242547	<MDL															16517	13.36	7.92	9.72	11.94	10.75	
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	8473	11.98	7.77	5.92	14.12	6.807	
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	<5	1.8	9.4	17066	13.23	7.35	16	7.13	16.83	
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	10013	12.09	7.93	7.17	14.66	8.092	
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	14601	12.33	7.67	12.09	9.9	13.19	
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	20822	18.72	7.58	20.12	7.21	20.93	
N1	2-Aug-17	Surface	17X245211	0.021	0.029	1.58													20	10.95	6.99	0	15.22	0.018	
N4	2-Aug-17	Surface	17X245211	0.038	0.044	1.64													19	11.97	6.69	0	15.2	0.016	
N4	2-Aug-17	Mid	17X245211	0.036	0.038	1.73													19	11.43	6.53	0	15.15	0.015	
N4	2-Aug-17	Bottom	17X245211	0.036	0.045	1.63													19	11.67	6.52	0	15.14	0.016	
N5	2-Aug-17	Surface	17X245211	0.020	0.028	1.52													20	11.7	6.54	0	16.14	0.016	
N6	2-Aug-17	Surface	17X245211	0.022	0.025	1.55													19	12.79	7.2	0	15.39	0.015	
N7	2-Aug-17	Surface	17X245211	0.023	0.036	1.67													21	12.93	7.12	0	15.32	0.016	
N8	2-Aug-17	Surface	17X245211	0.012	0.023	1.60													528	12.73	7.24	0.23	15.78	0.408	
N8	2-Aug-17	Halocline	17X245211	<MDL	0.022	1.37													7139	11.66	7.02	3.4	13.94	5.633	
N9	2-Aug-17	Surface	17X245211	0.010	0.012	1.36													2852	12.36	6.98	1.82	15.87	2.245	
N9	2-Aug-17	Halocline	17X245211	<MDL	<MDL	1.05													10227	12.06	6.84	7.87	12.36	8.805	
N10	2-Aug-17	Surface	17X245211	<MDL	0.010	1.12													8190	11.63	7.52	5.3	16.98	6.259	
N10	2-Aug-17	Halocline	17X245211	<MDL	<MDL	1.13													10968	11.9	7.19	7.85	12.82	8.931	
N11	2-Aug-17	Surface	17X245211	<MDL	<MDL	1.06													10272	11.9	8.01	5.84	15.87	6.682	
N11	2-Aug-17	Halocline	17X245211	<MDL	<MDL	0.94													17662	11.86	7.77	10.42	10.93	11.43	
N12	2-Aug-17	Surface	17X245211	<MDL	<MDL	0.85													11651	11.2	8.05	7.84	17.18	8.803	
N12	2-Aug-17	Halocline	17X245211	<MDL	<MDL	0.88													17506	13.28	7.75	17.14	5.49	18.12	
N13	2-Aug-17	Surface	17X245211	<MDL	0.010	0.58													20795	10.6	7.65	17.07	12.38	10.05	
N1	7-Aug-17	Surface	17X246258			1.48	<2	<0.02	<0.03	<0.4	<0.05	<0.05	<0.03	5.5	5.1	<5	1.2	10.7	21	11.87	7.51	0.01	17.25	0.016	

N4	7-Aug-17	Surface	17X246258	1.46	<2	0.02	<0.03	<0.4	<0.05	<0.05	<0.03	5.7	5.4	<5	2.1	11.3	20	11.9	7	0.01	17.74	0.015
N4	7-Aug-17	Mid	17X246258	1.48	<2	<0.02	<0.03	<0.4	<0.05	<0.05	<0.03	5.8	5.5	<5	2.1	11	21	11.16	6.72	0.01	17.54	0.016
N4	7-Aug-17	Bottom	17X246258	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	11.32	6.84	0.01	17.56	0.015
N5	7-Aug-17	Surface	17X246258	4.16	<2	0.02	<0.03	<0.4	<0.05	<0.05	<0.03	5.8	5.6	<5	3.4	11.3	22	13.23	7.01	0.01	18.24	0.016
N6	7-Aug-17	Surface	17X246258	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	12.96	6.63	0.01	17.36	0.015
N7	7-Aug-17	Surface	17X246258	1.71	<2	0.02	<0.03	<0.4	<0.05	<0.05	<0.03	6	5.7	<5	5.3	10.5	19	12.82	6.5	0.01	17.62	0.015
N8	7-Aug-17	Surface	17X246258	1.55	112	0.02	<0.03	<0.4	<0.05	<0.05	<0.03	6.3	6	<5	2.8	10.5	2634	10.93	7.95	1.37	18.11	1.715
N8	7-Aug-17	Halocline	17X246258	0.87	811	0.02	<0.03	<0.4	<5.0	<5.0	<0.03	4.2	4.1	<5	2.1	11	16736	15.45	7.58	9.84	10.56	10.88
N9	7-Aug-17	Surface	17X246258	1.13	535	0.02	<0.03	<0.4	<5.0	<5.0	<0.03	4.6	4.5	<5	2.7	10.6	9610	11.7	7.8	6.82	14.65	7.808
N9	7-Aug-17	Halocline	17X246258	1.06	642	0.02	<0.03	0.4	<5.0	<5.0	<0.03	4.4	4.2	<5	3.7	11.1	18918	13.98	7.58	18.16	6.08	19.25
N10	7-Aug-17	Surface	17X246258	0.98	605	0.02	<0.03	<0.4	<5.0	<5.0	<0.03	4.6	4.4	<5	1.6	11.1	13804	11.19	7.76	8.04	15.27	8.986
N10	7-Aug-17	Halocline	17X246258	0.73	1320	0.02	<0.03	0.5	<10	<10	<0.03	2.7	2.6	<5	0.7	10.6	22690	12.94	7.44	13.48	9.11	15.17
N11	7-Aug-17	Surface	17X246258	0.99	516	0.02	<0.03	<0.4	<5.0	<5.0	<0.03	4.7	4.4	<5	3.6	10.8	9791	10.86	7.92	6.64	17.11	7.49
N11	7-Aug-17	Halocline	17X246258	0.57	1530	0.02	<0.03	<0.4	<5.0	<5.0	<0.03	2.6	2.5	<5	1.2	11.1	18493	12.35	7.74	15.92	9.74	16.97
N12	7-Aug-17	Surface	17X246258	0.95	534	0.02	<0.03	<0.4	<5.0	<5.0	<0.03	4.7	4.5	<5	1.3	9.5	10324	11.02	8.09	6.98	17.16	7.89
N12	7-Aug-17	Halocline	17X246258	0.97	554	0.02	<0.03	1.8	<5.0	<5.0	<0.03	4.6	4.4	<5	1.2	10.7	19662	14.32	7.75	19.46	5.76	20.59
N13	7-Aug-17	Surface	17X246258	0.49	1660	0.02	<0.03	1.2	<10	<10	<0.03	2.4	2.3	<5	1.2	10.2	21013	14.91	7.66	18.92	7.18	19.62
N1	18-Aug-17	Surface	17X250327	2.12													29	24.33	7.73	0.01	13.27	0.017
N4	18-Aug-17	Surface	17X250327	1.35													20	11.38	7.41	0.01	15.28	0.016
N4	18-Aug-17	Mid	17X250327	1.34													21	11.57	7.46	0.01	15.27	0.016
N4	18-Aug-17	Bottom	17X250327	1.36													20	11.6	7.88	0.01	15.19	0.016
N5	18-Aug-17	Surface	17X250327	1.33													19	12.06	7.23	0.01	15.53	0.015
N6	18-Aug-17	Surface	17X250327	1.36													17	11.96	7.13	0.01	15.37	0.014
N7	18-Aug-17	Surface	17X250327	1.41													20	11.72	7.11	0.01	15.17	0.016
N8	18-Aug-17	Surface	17X250327	1.29													158	11.28	7.89	0.09	14.51	0.129
N8	18-Aug-17	Halocline	17X250327	1.08													15512	12.59	6.39	13.71	8.25	14.82
N9	18-Aug-17	Surface	17X250327	0.93													10177	11.84	7.32	7.55	13.43	8.492
N9	18-Aug-17	Halocline	17X250327	0.93													16144	12.41	7.03	13.91	9.29	14.99
N11	18-Aug-17	Surface	17X250327	0.77													13880	11.17	7.58	10.61	13.24	11.64
N11	18-Aug-17	Halocline	17X250327	0.78													16376	11.75	7.43	13.61	10.64	14.67
N12	18-Aug-17	Surface	17X250327	0.66													19355	12.45	7.56	18.31	6.58	19.41
N12	18-Aug-17	Halocline	17X250327	0.79													20087	13.75	7.37	20.54	4.08	21.75
N10	18-Aug-17	Surface	17X250327	0.5													22945	13.25	7.77	21.51	7.26	22.55
N10	18-Aug-17	Halocline	17X250327	0.43													12764	10.76	7.9	9.21	15.23	10.2
N13	18-Aug-17	Surface	17X250327	0.51													17522	11.98	7.79	14.86	10.23	15.91
N1	21-Aug-17	Surface	17X251404	1.46													19	13.24	7.57	0.01	15.17	0.015
N4	21-Aug-17	Surface	17X251404	1.73													19	15.59	6.96	0.01	15.49	0.016
N4	21-Aug-17	Mid	17X251404	1.71													19	11.61	6.99	0.01	15.52	0.015
N4	21-Aug-17	Bottom	17X251404	1.73													20	11.68	7.11	0.01	15.52	0.016
N5	21-Aug-17	Surface	17X251404	1.91													19	13.71	6.96	0.01	15.53	0.016
N6	21-Aug-17	Surface	17X251404	1.89													20	13.73	6.87	0.01	15.81	0.016
N7	21-Aug-17	Surface	17X251404	1.66													22	12.42	7.45	0	16.17	0.017