

1	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK
2		Date	Time	H2O Temp TOP (0.5m)	H2O Temp 1.0 m	H2O Temp 0.5 m from BTM	Salinity TOP	Salinity 1.0	Salinity BTM	PH Top	PH 1.0	Ph. 5 m from BTM	Top DO	DO 1.0	BTM DO	Secchi	Depth (meters)	Air Temp	H2O Temp BTM monthly AVG	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate NO3	Nitrite (NO2)	Total Kjeldahl Nitrogen (TKN)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tidal Stage	Water Color	Surface Condition	Cloud Cover	Wind Direction	Wind Speed	Weather	Wave Height	
3		4/4/2016		no samples																																	
4		4/11/2016		no samples																																	
5	Site 1	4/18/2016	00751	10.21	10.05	9.50	26.01	26.07	26.32	8.29	8.24	8.06	9.29	8.91	8.45	2.0	6.4	n/a										0	4	5	0	0	0	0	1	0	
6	Site 1	4/25/2016	00747	13.46	13.37	12.79	24.78	25.12	25.86	8.16	8.1	7.88	7.45	7.68	6.82	2.0	5.6	10.10		12	3							0	3	5	6	4	0	0	3	0	
7	Site 1	5/2/2016	01107	11.89	11.76	11.52	24.37	25.60	26.21	8.40	8.26	8.27	8.93	8.79	8.54	2.10	6.5	13.90		38	54							0	2	3	6	4	4	0	3	2	
8		5/9/2016		no samples																																	
9		5/16/2016		no samples																																	
10	Site 1	5/23/2016	00726	14.80	14.67	14.01	24.35	24.83	25.71	8.12	8.14	7.98	7.15	6.79	5.86	1.2	6.0	14.60		113	56						0	3	5	5	4	0	0	3	0		
11	Site 1	5/31/2016	01024	18.74	17.72	16.62	24.16	24.96	25.96	7.97	8.05	8.00	5.85	6.08	5.34	1.0	6.8	23.50		n/a	n/a						3	1	3	0	4	7	1	3	0		
12	Site 1	6/6/2016	00811	17.02	16.92	16.51	24.79	25.21	25.82	7.86	7.84	7.77	5.33	5.43	5.04	1.1	4.9	22.20		618	60		0.050	0.000			3	3	5	6	1	7	1	1	0		
13	Site 1	6/13/2016		Cancelled due to Wind 6/13/2016																																	
14	Site 1	6/20/2016	00751	19.14	19.14	18.24	25.24	25.29	26.31	7.98	7.84	7.59	6.45	5.15	4.31	0.9	5.4	21.00		130	28						0	3	5	5	1	0	0	2	0		
15	Site 1	6/27/2016	00902	19.81	19.81	19.81	23.23	23.37	23.44	8.13	8.13	8.07	Quanta malfunction			1.0	3.1	23.30		98	10						0	2	5	1	1	6	1	2	0		
16	Site 1	7/5/2016		Cancelled due to Rain 7/5/2016																																	
17	Site 1	7/11/2016	01034	22.41	22.31	20.91	24.90	24.64	24.29	8.80	8.02	7.70	7.08	6.83	2.46	1.1	5.5	21.90		62	4		0.050	0.003			0	2			2		1	2	1		
18	Site 1	7/18/2016		Cancelled due to Boat Malfunction 7/18/2016																																	
19	Site 1	7/25/2016	01050	24.58	24.31	23.84	26.13	26.13	26.53	7.75	7.69	7.59	2.53	3.45	1.73	1.0	3.2	26.90		38	4						0	4	1	6	4	6	1	2	2		
20		8/1/2016		no samples																																	
21	Site 1	8/8/2016	01107	25.00	24.71	23.90	25.09	25.62	27.54	8.45	8.22	7.64	9.20	9.50	1.52	0.80	3.7	27.2		63	1		0.01	0.003			0	4	2	1	1	0	1	1	0		
22	Site 1	8/15/2016	00759	27.29	27.30	27.13	25.00	26.09	18.20	7.65	7.57	7.39	2.60	2.33	0.75	0.7	4.0	26.90		370	330						0	4	3	6	1	0	0	1	0		
23		8/22/2016		no samples																																	
24	Site 1	8/29/2016	00755	25.01	24.99	25.00	26.72	26.86	27.72	7.48	7.47	7.41	3.40	4.14	2.86	0.8	3.0	25.20		260	23						0	4	3	5	3	1	0	3	0		
25		9/6/2016		no samples																																	
26	Site 1	9/12/2016	01046	23.89	23.86	23.32	26.68	26.81	27.08	7.85	7.85	7.68	5.25	6.03	4.81	1.0	5.0	21.50		48	<1		0.110	0.033			0	2	1	6	1	2	1	1	1		
27		9/19/2016		no samples																																	
28	Site 1	9/26/2016	01022	21.60	21.62	22.03	26.31	26.66	27.38	7.63	7.54	7.36	6.19	5.35	2.96	0.4	5.4	19.10		39	<1						0	2	1	6	1	4	1	1	1		
29	Site 1	10/3/2016	00810	19.10	19.27	19.46	26.27	26.85	27.49	7.31	7.33	7.39	4.16	4.41	4.88	1.5		17.30		140	10						0	3	1	0	4	0	0	3	0		
30	Site 1	10/11/2016	01017	15.72	15.94	17.30	25.71	26.07	27.53	7.63	7.61	7.60	7.10	7.13	6.60	1.0	6.2	11.90		21	<1						0	3	3	6	0	1	2	1	0		
31	Site 1	10/17/2016	00756	16.48	16.59	16.86	24.21	19.16	18.77	7.64	7.65	7.69	6.85	7.24	0.27	1.7	5.0	17.20		58	8						0	4	3	6	3	6	1	2	0		
32	Site 1	10/24/2016		no samples CSH - Wx																																	
33	Site 1	10/31/2016		trip canceled - weather																																	

1	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK
2		Date	Time	H2O Temp TOP (0.5m)	H2O Temp 1.0 m	H2O Temp 0.5 m from BTM	Salinity TOP	Salinity 1.0 m	Salinity 0.5 m from BTM	PH Top	PH 1.0 m	Ph .5 m from BTM	Top DO	DO 1 m	DO 0.5 m from BTM	Secchi	Depth (meters)	Air Temp	H2O Temp BTM monthly AVG	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Total Kjeldahl Nitrogen (TKN)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tidal Stage	Water Color	Surface Conditions	Cloud Cover	Wind Direction	Wind Speed	Weather	Wave Height	
3		Friends of the Bay 2016 Water Quality Data - Site 2, Cold Spring Cove North																																			
4		4/4/2016		No samples																																	
5		4/11/2015		no samples																																	
6	Site 2	4/18/2016	00813	9.75	9.65	9.37	25.85	26.12	26.45	8.35	8.35	8.32	9.31	9.22	8.71	2.2	6.7	14.70		1	<1							0	4	5	6	0	0	0	1	0	
7	Site 2	4/25/2016	00758	13.03	12.94	12.73	25.25	25.31	26.06	8.21	8.21	8.16	7.84	7.88	7.35	1.9	5.6	11.7		31	9							0	3	5	6	4	0	0	3	0	
8	Site 2	5/2/2016	01054	11.65	11.62	11.46	25.12	25.87	26.28	8.29	8.28	8.24	8.59	8.53	8.18	2.3	7.6	13.9		6	3							0	2	3	6	4	0	0	3	2	
9		5/9/2016		no samples																																	
10		5/16/2016		no samples																																	
11	Site 2	5/23/2016	00742	14.52	14.37	13.92	24.27	24.55	25.78	8.12	8.13	8.01	7.25	7.05	6.33	1.3	6.0	15.3		204	38						0	3	5	5	4	0	0	3	0		
12	Site 2	5/31/2016	01013	18.71	16.94	16.52	25.30	25.97	26.03	7.97	7.99	8.01	5.94	5.52	5.53	0.9	7.4	23.1		67	15						3	1	3	0	4	3	1	3	0		
13	Site 2	6/6/2016	00824	16.86	16.64	16.44	23.49	25.26	26.02	7.95	7.97	7.93	5.60	5.40	5.12	1.2	7.1	22.1		7500	1800*		0.370	0.004			3	3	5	6					0		
14	Site 2	6/13/2016	Cancelled due to Wind 6/13/2016																																		
15	Site 2	6/20/2016	00812	18.64	18.61	17.74	25.41	25.69	26.43	8.01	7.95	7.74	5.16	5.05	4.45	0.9	6.9	21.8		140	6					0	3	5	5						0		
16	Site 2	6/27/2016	00911	19.91	19.81	19.01	22.82	23.09	23.69	8.17	8.03	7.92	Quanta malfunction			0.9	5.3	22.8		86	10						0	2	5	1					0		
17	Site 2	7/5/2016	Cancelled due to Rain 7/5/2016																																		
18	Site 2	7/11/2016	01026	22.31	22.31	N/A	25.56	25.56	N/A	7.99	7.99	N/A	6.41	6.17	N/A	1.3	1.3	21.7		48	2		0.050	0.002			0	2	5	6					1		
19	Site 2	7/18/2016	Cancelled due to Boat Malfunction 7/18/2016																																		
20	Site 2	7/25/2016	01041	24.51			25.78			7.87			6.4			0.8	1.0	27.9		82	2						0	4	1	6	4	6	2	3	2		
21		8/1/2016		no samples																																	
22	Site 2	8/8/2016	01057	24.67	24.07	23.70	25.44	25.90	21.20	9.19	7.74	7.67	7.89	3.99	2.65	0.6	5.6	27.6		26.0	1		0.110	0.006			0	4	5	6	1	2	1	1	0		
23	Site 2	8/15/2016	00802	27.39	27.41	26.99	25.59	25.84	26.61	7.87	7.81	7.67	4.10	3.84	1.50	0.9	7.1	27.1		170	28						0	4	3	6	1	0	0	1	0		
24	Site 2	8/22/2016	no samples																																		
25	Site 2	8/29/2016	00810	24.97	25.00	24.96	26.72	26.72	27.22	7.46	7.38	7.20	4.44	3.17	3.16	0.9	7.0	24.9		24.0	1					0	4	3	6	4			1	3	1		
26	Site 2	9/6/2016	no samples																																		
27	Site 2	9/12/2016	01037	23.37	23.44	23.42	26.80	27.08	27.37	7.74	7.72	7.68	4.93	4.75	4.70	1.0	6.3	24.9		34.0	1		0.160	0.049			2	1	6					1			
28	Site 2	9/19/2016	no samples																																		
29	Site 2	9/26/2016	01010	21.53	21.42	21.96	26.72	27.08	27.38	7.59	7.59	7.62	5.68	5.77	5.80	0.8	0.9	20.2		8	<1					0	2	3	6					1			
30	Site 2	10/3/2016	00824	19.32	19.37	19.83	26.92	27.06	28.14	7.42	7.44	7.47	4.96	5.02	4.84	1.5	6.3	16.8		37.0	9					0	3	1	0					0			
31	Site 2	10/11/2016	01008	15.73	16.77	17.52	25.50	26.79	27.83	7.57	7.61	7.63	6.90	7.02	6.87	1.1	6.7	11.8		43	<1						3	3	6					0			
32	Site 2	10/17/2016	00808	16.63	16.68	16.96	26.59	27.01	27.73	7.68	7.67	7.63	6.99	7.10	6.40	1.7	5.5	19.2		37	4						4	3	6					0			
33	Site 2	10/24/2016	no samples CSH - Wx																																		
34	Site 2	10/31/2016	trip canceled - weather																																		
35																																					
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	
1	Friends of the Bay 2016 Water Quality Data - Site 3, Cold Spring Harbor South																																				
2	Date	Time	H2O Temp TOP (0.5m)	H2O Temp 1.0 m	H2O Temp 0.5 m from BTM	Salinity TOP (0.5 m)	Salinity 1.0 m	Salinity BTM	PH Top	PH 1.0 m	Ph .5 m from BTM	Top DO	DO 1.0 m	BTM DO	Secchi	Depth (meters)	Air Temp	H2O Temp BTM monthly AVG	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tidal Stage	Water Color	Surface Conditions	Cloud Cover	Wind Direction	Wind Speed	Weather	Wave Height			
3	4/4/2016		no samples																										4/4/2016								
4	4/11/2015		no samples																										4/11/2015								
5	Site 3	4/18/2016	00825	9.84	9.81	9.18	26.13	26.47	26.50	8.35	8.39	8.33	9.13	9.36	9.09	2.70	6.1	13.60		<1	<1						0	4	5	6	0	0	0	1	0	4/18/2016	
6	Site 3	4/25/2016	00810	12.77	12.71	12.47	25.92	26.27	26.33	8.28	8.26	8.22	8.32	8.19	7.88	2.5	3.6	11.0		3	1						0	3	5	6	4	0	0	3	0	4/25/2016	
7	Site 3	5/2/2016	01035	11.39	11.40	11.35	25.86	25.79	26.41	8.29	8.30	8.20	8.65	8.62	8.09	2.5	6.7	12.4		1	1						0	2	3	6	4	0	0	3	2	5/2/2016	
8		5/9/2016		no samples																										5/9/2016							
9		5/16/2016		no samples																										5/16/2016							
10	Site 3	5/23/2016	00753	14.25	14.19	13.66	25.37	25.51	26.18	8.19	8.18	8.05	7.40	7.25	6.96	1.1	6.0	17.8		28	4						0	3	5	5	4	0	0	3	0	5/23/2016	
11	Site 3	5/31/2016	01006	17.90	17.64	16.30	25.60	25.93	26.23	8.19	8.16	8.06	6.86	6.76	5.74	2.0	6.3	22.1		410	<1						3	1	3	0	4	4	0	3	0	5/31/2016	
12	Site 3	6/6/2016	00831	17.11	17.00	16.21	25.56	25.76	26.29	8.10	8.08	7.96	6.21	5.98	5.04	1.4	5.8	21.1		51	9		0.050	0.002			3	3	5	6	1			0	0	6/6/2016	
13	Site 3	6/13/2016	Cancelled due to Wind 6/13/2016																										6/13/2016								
14	Site 3	6/20/2016	00820	18.51	18.54	17.44	25.99	26.11	26.56	8.24	8.13	7.85	6.36	5.84	4.48	0.9	6.2	22.4		37	<1						0	3	4	1	1			0	0	6/20/2016	
15	Site 3	6/27/2016	00919	20.30	20.20	18.60	23.80	23.80	23.95	8.39	8.36	8.02	Quanta malfunction			1.0	6.0	23.4		2	<1						0	2	5	1	1			0	0	6/27/2016	
16	Site 3	7/5/2016	Cancelled due to Rain 7/5/2016																										7/5/2016								
17	Site 3	7/11/2016	01017	22.31	22.31	19.70	25.98	26.05	26.93	8.14	8.14	7.70	7.49	7.24	2.22	1.0	4.7	21.1		N/a	N/a	0.010	0.001				0	2	3	6	2			2	0	7/11/2016	
18	Site 3	7/18/2016	Cancelled due to Boat Malfunction 7/18/2016																										7/18/2016								
19	Site 3	7/25/2016	01031	24.01	23.94	23.01	26.61	27.68	27.07	7.86	7.85	7.76	4.43	4.20	3.95	1.5	4.1	28.6		26	<1						0	4	1	6	3	6	2	2	3	7/25/2016	
20		8/1/2016		no samples																										8/1/2016							
21	Site 3	8/8/2016	01044	24.81	24.50	23.80	26.36	26.35	27.03	8.15	8.06	7.82	7.28	6.70	4.63	0.8	3.9	28.0		14	<1		0.020	0.002			0	4	5	6	1	0	0	1	0	8/8/2016	
22	Site 3	8/15/2016	00820	27.55	27.84	26.67	26.27	26.35	26.88	8.08	8.02	7.73	5.73	5.42	3.20	1.0	5.8	27.2		24	2						0	4	3	6	1	0	0	1	0	8/15/2016	
23		8/22/2016		no samples																										8/22/2016							
24	Site 3	8/29/2016	00822	24.98	24.97	24.77	27.07	27.15	27.42	7.53	7.51	7.42	3.89	3.91	3.80	1.0	6.0	24.6		8	1						0	4	3	0	4	8	1	3	1	8/29/2016	
25		9/6/2016		no samples																										9/6/2016							
26	Site 3	9/12/2016	01030	23.39	23.39	23.41	26.87	27.23	27.73	7.90	7.92	7.89	6.12	6.13	5.46	1.4	6.1	21.7		32	<1		0.110	0.037				2	1	6	1				1	0	9/12/2016
27		9/19/2016		no samples																										9/19/2016							
28	Site 3	9/26/2016	01003	21.68	21.67	22.05	27.30	27.37	27.60	7.87	7.86	7.84	8.17	8.03	7.56	1.0	6.0	19.6		2	<1							2	3	6	1			2	0	9/26/2016	
29	Site 3	10/3/2016	00835	19.37	19.69	19.92	27.42	27.70	28.36	7.50	7.55	7.55	5.50	5.66	5.43	1.6	6.2	16.8		23	1						0	3	1	0	4				0	0	10/3/2016
30	Site 3	10/11/2016	01000	15.90	16.52	17.21	26.56	27.22	27.95	7.67	7.70	7.67	7.53	7.57	7.19	1.3	5.7	14.5		26	<1							3	3	6	0				0	0	10/11/2016
31	Site 3	10/17/2016	00816	16.78	16.87	17.06	27.23	27.51	27.95	7.95	7.74	7.75	7.37	7.33	7.17	1.7	4.5	18.9		21	4							4	3	6	3				1	0	10/17/2016
32	Site 3	10/24/2016	no samples CSH - Wx																										10/24/2016								
33	Site 3	10/31/2016	trip canceled - weather																										10/31/2016								
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1		Friends of the Bay 2016 Water Quality Data - Site 4, Cold Spring Harbor North																																		
2		Date	Time	H2O Temp TOP (0.5m)	H2O Temp 1.0 m	H2O Temp 0.5 m from BTM	Salinity TOP	Salinity 1.0 m	Salinity BTM	PH Top	PH 1.0 m	Ph .5 m from BTM	Top DO	DO 1.0 m	BTM DO	Secchi	Depth (meters)	Air Temp	H2O Temp BTM monthly AVG	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tidal Stage	Water Color	Surface Conditions	Cloud Cover	Wind Direction	Wind Speed	Weather	Wave Height	
3		4/4/2016		No samples																																
4		4/11/2015		no samples																																
5	Site 4	4/18/2016	00833	10.12	10.01	8.99	26.16	26.29	26.63	8.33	8.34	8.29	9.08	9.10	8.48	2.2	6.7	15.20		<1	<1						0	4	5	6	0	0	0	1	0	
6	Site 4	4/25/2016	00819	12.56	12.72	10.86	26.05	26.13	26.59	8.32	8.3	8.2	8.5	8.33	7.92	2.3	4.6	11.0		3	<1						0	3	5	6	4	0	0	3	0	
7	Site 4	5/2/2016	01035	11.59	11.58	11.23	26.28	26.28	26.54	8.32	8.31	8.24	8.5	8.33	7.86	3.0	7.7	10.9		<1	<1						0	2	3	6	4	0	0	3	2	
8		5/9/2016		no samples																																
9		5/16/2016		no samples																																
10	Site 4	5/23/2016	00802	14.55	14.5	12.75	25.52	25.59	26.49	8.39	8.37	8.21	8.71	8.53	7.52	1.7	6.5	16.3		6	3					0	3	5	5	4	6	1	3	0		
11	Site 4	5/31/2016	00958	18.42	18.21	14.71	25.9	26.03	26.57	8.3	8.29	8.18	7.7	7.57	6.62	1.4	8.0	22.3		26	16					0	3	1	3	0	4	4	1	3	0	
12	Site 4	6/6/2016	00845	17.54	17.51	17.17	26.14	26.14	26.13	8.25	8.24	8.13	7.15	7.02	8.14	1.3	5.3	21.9		18	4	0.000	0.006			3	3	5	6					1		
13	Site 4	6/13/2016	Cancelled due to Wind 6/13/2016																																	
14	Site 4	6/20/2016	00830	19.41	19.24	16.65	26.36	26.42	26.8	8.29	8.24	8.08	6.58	6.35	5.44	1.2	7.0	21.8		2	<1					0	2	4	1					0		
15	Site 4	6/27/2016	00927	20.7	20.61	18.51	23.89	23.88	24.08	8.38	8.31	8.09	Quanta malfunction			1.3	6.1	23.4		5	1					0	2	5	1					0		
16	Site 4	7/5/2016	Cancelled due to Rain 7/5/2016																																	
17	Site 4	7/11/2016	01004	21.51	21.51	19.71	26.73	26.73	27.15	8.18	8.17	7.87	7.35	6.75	3.65	1.0	5.1	21.3		1	2	0.010	0.000			0	2	3	6					2		
18	Site 4	7/18/2016	Cancelled due to Boat Malfunction 7/18/2016																																	
19	Site 4	7/25/2016	01017	24.37	24.37	21.14	26.84	26.71	27.42	8.19	8.15	7.89	7.23	6.80	4.37	1.3	4.5	26.7		8	<1					0	4	1	6	3	6	2	2	3		
20		8/1/2016		no samples																																
21	Site 4	8/8/2016	01030	25.31	25.21	24.17	27.16	27.08	27.33	8.44	8.37	8.03	9.30	8.62	5.95	1.1	4.9	27.7		<1	<1	0.010	0.003			0	4	3	6	1	2	1	2	2		
22	Site 4	8/15/2016	00830	27.17	27.07	26.08	27.2	27.1	27.07	8.25	8.17	7.75	6.99	6.48	3.59	1.2	6.6	26.3		1	<1					0	4	3	6	1	1	1	1	1		
23		8/22/2016		no samples																																
24	Site 4	8/29/2016	00830	25.09	25.08	24.14	27.58	27.51	27.9	7.83	7.78	7.55	6.17	5.54	4.60	1.1	6.5	25.6		<1	<1					0	4	5	6	4	8	1	3	1		
25		9/6/2016		no samples																																
26	Site 4	9/12/2016	01021	23.97	23.97	23.86	27.89	27.89	27.89	7.96	7.96	7.91	5.99	6.01	5.78	1.8	6.5	20.8		2	1	0.070	0.020			2	1	6					2			
27		9/19/2016		no samples																																
28	Site 4	9/26/2016	00954	22.45	22.45	22.42	28.26	28.26	28.26	7.63	7.62	7.58	6.25	6.24	5.98	1.8	6.8	19.0		<1	<1					2	3	6						2		
29	Site 4	10/3/2016	00846	18.8	18.84	19.93	27.46	27.46	28.43	7.65	7.63	7.63	6.56	6.49	6.11	2.0		17.1		4	<1				0	4	1	0						0		
30	Site 4	10/11/2016	00952	17.13	17.13	17.14	27.88	27.95	27.95	7.72	7.71	7.69	7.47	7.43	7.22	1.0	6.2	11.6		1	<1					3	3	6						0		
31	Site 4	10/17/2016	00825	16.90	16.89	17.17	27.73	27.87	28.02	7.87	7.85	7.76	8.03	7.38	7.14	2.0	3.7	19.2		11	<1					4	3	6						1		
32	Site 4	10/24/2016	no samples CSH - Wx																																	
33	Site 4	10/31/2016	trip canceled - weather																																	
34	Site 4																																			
35	Site 4																																			
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
1	Friends of the Bay 2016 Water Quality Data - Site 5, Plum Point																																			
2	Date	Time	H2O Temp TOP (0.5m)	H2O temp 1.0 m	H2O Temp 0.5 m from BTM	Salinity TOP	Salinity 1.0 m	Salinity BTM	PH Top	PH 1.0 m	Ph .5 m from BTM	Top DO	DO 1.0 m	BTM DO	Secchi	Depth (meters)	Air Temp	H2O Temp BTM monthly AVG	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tidal Stage	Water Color	Surface Conditions	Cloud Cover	Wind Direction	Wind Speed	Weather	Wave Height		
3		4/4/2016	no samples																																	
4		4/11/2015	no samples																																	
5	Site 5	4/18/2016	00840	10.61	10.06	9.32	26.30	26.42	26.58	8.34	8.34	8.42	9.27	9.13	8.92	2.1	10.0	15.40		<1	<1					0	4	5	6	0	0	0	0	1	0	
6	Site 5	4/25/2016	00828	12.60	12.63	12.16	26.40	26.33	26.31	8.25	8.25	8.27	8.05	8.12	8.10	2.20	10.0	11.3		1	<1					0	2	5	6	4	0	0	0	3	0	
7	Site 5	5/2/2016	01022	11.46	11.46	11.46	26.49	26.42	26.42	8.27	8.31	8.27	8.29	8.39	8.81	2.50	10.0	10.7		<1	<1					0	2	3	6	4	0	0	0	3	2	
8		5/9/2016	no samples																																	
9		5/16/2016	no samples																																	
10	Site 5	5/9/2016	00903	11.74	11.74	11.50	26.16	26.15	26.28	8.30	8.31	8.27	8.45	8.41	8.30	2.1	10.0	16.5		3	1					0	4	3	6	1	6	1	2	2		
11	Site 5	5/23/2016	00811	14.72	14.67	13.53	26.09	26.08	26.31	8.27	8.27	8.28	7.77	7.92	7.91	1.8	10.0	15.0		<1	1					0	3	5	5	4	6	1	3	0		
12	Site 5	5/31/2016	00951	16.95	16.84	16.64	26.26	26.32	26.24	8.24	8.26	8.25	7.27	7.27	7.22	1.4	10.0	23.0		6	2					3	1	3	0	4	2	1	3	0		
13	Site 5	6/6/2016	00853	17.77	17.74	17.48	26.15	26.22	26.20	8.18	8.20	8.17	6.72	6.64	6.49	1.3	10.0	23.2		11	3	0.020	0.003			3	3	5	6					2		
14	Site 5	6/13/2016	Cancelled due to Wind 6/13/2016																																	
15	Site 5	6/20/2016	00838	19.34	19.25	18.42	26.57	26.49	26.6	8.18	8.19	8.12	6.4	6.31	6.03	1.1	10.0	21.8		3	<1					0	4	4	1					0		
16	Site 5	6/27/2016	00940	20.50	20.50	20.50	23.95	23.88	23.80	8.25	8.25	8.25	nta malfunction			1.1	10.0	22.9		<1	<1					0	2	5	1					0		
17	Site 5	7/5/2016	Cancelled due to Rain 7/5/2016																																	
18	Site 5	7/11/2016	00957	21.61	21.51	21.01	26.66	26.72	26.77	8.14	8.13	8.08	6.81	6.63	6.18	1.1	10.0	21.2		1	<1	0.020	0.005			0	2	3	6					2		
19	Site 5	7/18/2016	Cancelled due to Boat Malfunction 7/18/2016																																	
20		8/1/2016	no samples																																	
21	Site 5	7/25/2016	01034	23.84	23.61	22.91	27.08	27.18	27.21	8.09	8.09	8.09	6.10	6.07	5.90		10.5	26.1		<1	<1					0	4	1	6	2	6	2	2	3		
22	Site 5	8/8/2016	01015	24.80	24.81	24.50	27.28	27.28	27.27	8.22	8.21	8.13	7.76	7.47	6.84	1.2	10.0	28.4		3	<1	0.010	0.001			0	3	3	6	1	2	1	1	2		
23		8/22/2016	no samples																																	
24	Site 5	8/15/2016	00840	26.80	26.79	26.25	27.07	27.07	27.19	8.17	8.15	8.06	5.97	5.99	5.45	1.3	10.0	26.1		2	2					0	4	3	6	1	0	0	1	0		
25		9/6/2016	no samples																																	
26	Site 5	8/22/2016	00847	25.30	25.29	24.61	27.37	27.37	27.49	7.93	7.93	7.87	4.69	4.61	3.90	1.5	>10.0	21.0		5	<1					3	2	5	6					2		
27		9/19/2016	no samples																																	
28	Site 5	8/29/2016	00838	24.97	24.90	24.19	27.58	27.65	27.83	7.82	7.79	7.64	5.87	5.51	4.45	1.3	10.5	25.3		2	<1					0	4	5	6	4	8	1	3	1		
29	Site 5	9/12/2016	01010	23.85	23.85	24.39	27.89	27.89	27.89	7.92	7.92	7.91	5.82	5.84	5.76	2.5	10.4	22.6		3	<1	0.080	0.027			2	1	6						2		
30	Site 5	9/26/2016	00944	22.39	22.37	22.37	28.18	28.14	28.18	7.62	7.63	7.63	6.23	6.23	6.26	2.3	2.6	18.7		1	<1					2	3	6						1		
31	Site 5	10/3/2016	00857	19.23	19.23	19.45	28.12	28.12	28.20	7.61	7.59	7.62	6.15	6.18	6.17	1.9	1.5	16.6		5	1					4	2	0						0		
32	Site 5	10/11/2016	00944	17.61	17.62	17.60	28.12	28.11	28.11	7.68	7.66	7.67	7.02	7.06	7.08	2.2		9.4		1	1					3	3	6						0		
33	Site 5	10/17/2016	00837	16.94	16.94	17.02	27.94	27.87	27.02	7.81	7.80	7.78	7.98	8.08	7.73	2.1		18.2		1	1					4	3	6						2		
34	Site 5	10/24/2016	00925	16.24	16.23	16.20	27.84	27.91	27.84	7.74	7.74	7.73	7.31	7.40	7.30	3.0	10.0	14.0		3	<1					2	0	0						2		
35	Site 5	10/31/2016	trip canceled - weather																																	
36	Site 5																																			
37	Site 5																																			
38	Site 5																																			
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
1		Friends of the Bay 2016 Water Quality Data - Site 6, Seawanhaka Yacht Club PSTP outfall																																		
2		Date	Time	H2O Temp TOP (0.5m)	H2O Temp 1.0 m	H2O Temp 0.5 m from BTM	Salinity TOP	Salinity 1.0 m	Salinity BTM	PH Top	PH 1.0 m	Ph 5 m from BTM	Top DO	DO 1.0 m	BTM DO	Secchi	Depth (meters)	Air Temp	H2O Temp BTM monthly AVG	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tidal Stage	Water Color	Surface Conditions	Cloud Cover	Wind Direction	Wind Speed	Weather	Wave Height	
3		4/4/2016		no samples																																
4		4/11/2015		no samples																																
5	Site 6	4/18/2016	00845	10.05	10.01	9.55	26.41	26.41	26.53	8.33	8.37	8.33	9.14	9.05	8.86	1.5	8.5	14.40		<1	<1						0	4	5	6	0	0	0	1	0	
6	Site 6	4/25/2016	00836	13.12	13.09	13.04	26.29	26.29	26.29	8.26	8.23	8.25	8.12	8.10	7.91	2.2	4.50	11.9		<1	<1						0	2	5	6	4	0	0	3	0	
7	Site 6	5/2/2016	01015	11.49	11.48	11.41	26.42	26.42	26.41	8.27	8.26	8.23	8.37	8.38	8.25	2.8	8.70	8.9		<1	<1						0	2	3	6	4	8	0	3	2	
8		5/9/2016		no samples																																
9		5/16/2016		no samples																																
10	Site 6	5/9/2016	00854	8.00	11.8	11.76	26.09	26.09	26.08	8.27	8.27	8.49	8.27	8.22	8.20	2.2	5.70	14.9		1	1					0	4	3	6	1	6	2	1	2		
11	Site 6	5/23/2016	00824	14.81	14.87	13.62	26.09	26.09	26.31	8.27	8.26	8.26	7.90	7.86	7.75	1.9	6.60	16.4		1	<1					0	3	5	5	4	0	0	3	0		
12	Site 6	5/31/2016	00946	18.55	18.56	17.46	26.04	26.04	26.32	8.27	8.25	8.24	7.46	7.46	7.26	1.3	10.00	23.6		<1	1					3	1	3	0	4	4	1	3	0		
13	Site 6	6/6/2016	00859	17.85	17.74	17.21	26.22	26.22	26.27	8.20	8.18	8.20	6.69	6.62	6.48	1.2	7.70	22.7		14	3		0.030	0.001		3	3	5	6					1		
14	Site 6	6/13/2016	Cancelled due to Wind 6/13/2016																																	
15	Site 6	6/20/2016	00844	19.04	19.12	18.54	26.55	26.48	26.6	8.2	8.17	8.13	6.32	6.32	6.19	1.0	7.7	27.8		2	<1					0	4	4	1					0		
16	Site 6	6/27/2016	00948	20.80	20.70	20.30	23.89	23.89	23.87	8.32	8.29	8.24	inta malfunction		23.89	1.0	6.6	24.4		4	<1					0	2	5	1					0		
17	Site 6	7/5/2016	Cancelled due to Rain 7/5/2016																																	
18	Site 6	7/11/2016	00949	22.01	21.91	20.51	26.61	26.60	26.83	8.16	8.14	8.03	7.03	6.97	5.82	1.3	4.9	20.8		3	3		0.030	0.001		0	2	5	6					2		
19	Site 6	7/18/2016	Cancelled due to Boat Malfunction 7/18/2016																																	
20		8/1/2016		no samples																																
21	Site 6	7/25/2016	00958	24.38	24.44	24.08	26.98	26.98	27.04	8.09	8.08	8.04	6.39	8.07	6.30	0.9	4.0	26.8		<1	<1					0	4	1	6	2	0	2	2	3		
22	Site 6	8/8/2016	01002	24.81	24.80	24.37	27.24	27.14	27.26	8.22	8.13	8.01	7.18	6.95	6.13	1.4	4.9	31.5		<1	<1		0.030	0.003		0	3	3	6	1	2	1	1	2		
23		8/22/2016		no samples																																
24	Site 6	8/15/2016	00847	26.98	26.95	26.29	27.40	27.01	27.15	8.09	8.09	7.93	5.90	5.88	5.33	1.5	7.0	28.0		5	4					0	4	3	6	1	0	0	1	1		
25		9/6/2016		no samples																																
26	Site 6	8/22/2016	00857	25.35	24.34	25.16	27.30	27.23	27.37	7.94	7.46	7.90	4.72	4.68	4.76	1.6	5.1	21.4		7	<1					3	2	2	6	0	8	1	1	0		
27		9/19/2016		no samples																																
28	Site 6	8/29/2016	00845	25.10	25.03	24.59	27.58	27.58	27.70	7.77	7.75	7.67	5.54	5.15	4.75	1.5	7.0	25.5		1	<1					0	4	3	6	4	8	1	3	1		
29	Site 6	9/12/2016	01003	23.80	23.75	23.73	27.88	27.88	27.88	7.95	7.94	7.92	6.06	6.05	5.99	1.7	7.3	20.6		<1	<1		0.080	0.026		2	1	6						1		
30	Site 6	9/26/2016	00937	22.36	22.35	22.18	28.18	28.18	28.03	7.61	7.60	7.57	6.18	6.20	6.05	2.4	18.2			4	<1					2	3	6						2		
31	Site 6	10/3/2016	00905	19.01	19.01	19.02	28.04	28.04	28.04	7.58	7.58	7.56	6.10	6.21	6.21	2.1	3.0	17.7		<1	1					0	4	2	0					0		
32	Site 6	10/11/2016	00937	17.57	17.57	17.58	28.11	28.11	28.11	7.66	7.66	7.63	7.04	7.06	6.97	2.2	6.2	10.6		<1	<1					0	3	3	6					0		
33	Site 6	10/17/2016	00844	16.89	16.89	16.95	27.87	27.87	27.94	7.81	7.84	7.77	8.07	8.03	7.75	1.9	5.6	18.6		6	1					4	3	6						1		
34	Site 6	10/24/2016	00914	16.24	16.24	16.22	27.84	27.91	27.78	7.74	7.74	7.69	7.13	7.09	6.83	3.0	6.0	13.5		2	<1					2	0	0						1		
35	Site 6	10/31/2016	trip canceled - weather																																	
36	Site 6																																			
37	Site 6																																			
38	Site 6																																			
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1	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
2		Date	Time	H2O Temp TOP (0.5m)	H2O Temp 1.0 m	H2O Temp 0.5 m from BTM	Salinity TOP	Salinity 1.0 m	Salinity BTM	PH Top	PH 1.0 m	Ph .5 m from BTM	Top DO	DO 1.0 m	BTM DO	Secchi	Depth (meters)	Air Temp	H2O Temp BTM monthly AVG	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tidal Stage	Water Color	Surface conditions	Cloud Cover	Wind Direction	Wind Speed	Weather	Wave Height	
3		Friends of the Bay 2016 Water Quality Data - Site 7, Oyster Bay Cove																																		
4		4/4/2016		No samples																																
5	Site 7	4/18/2016	00858	10.40	10.31	10.29	26.22	26.29	26.36	8.31	8.33	8.27	8.63	8.55	7.99	2.1	3.4	15.70		2	<1						0	4	5	6	0	0	0	1	0	
6	Site 7	4/25/2016	00847	n/a	n/a	13.35	n/a	n/aa	26.30	n/a	n/a	8.16	n/a	n/a	7.72	on the bott	1.0	11.4		20	3						0	2	5	6	4	1	1	3	0	
7	Site 7	5/2/2016	01001	12.01	11.97	11.94	26.17	26.23	26.23	8.26	8.24	8.32	8.25	8.27	8.26	3.8	3.8	12.6		<1	1						0	2	3	6	4	0	0	3	2	
8		5/9/2016		no samples																																
9		5/16/2016		no samples																																
10	Site 7	5/9/2016	00842	11.04	11.98	11.94	25.82	26.10	26.09	8.23	8.23	8.23	7.94	7.98	7.89	1.2	2.7	14.9		<1	<1						0	3	3	6	1	7	1	1	1	
11	Site 7	5/23/2016	00834	15.00	14.51	14.51	25.89	26.15	26.14	8.27	8.26	8.25	7.70	7.69	7.64	1.5	3.0	15.7		72	8						0	3	5	5	4	1	1	3	0	
12	Site 7	5/31/2016	00932	19.21	19.04	18.19	25.79	25.92	25.95	8.20	8.16	8.02	7.22	6.49	5.68	1.1	4.9	25.7		43	5						3	1	3	0	4	2	1	3	0	
13	Site 7	6/6/2016	00910	18.51	18.47	18.41	25.90	25.97	25.83	8.13	8.11	8.08	6.54	6.50	6.59	1.2	3.1	21.8		73	27		0.030	0.001			3	3	5	6					1	
14	Site 7	6/13/2016	Cancelled due to Wind 6/13/2016																																	
15	Site 7	6/20/2016	00857	19.94	20.01	19.64	26.31	26.31	26.31	8.19	8.19	8.12	6.54	6.57	6.09	0.9	3.9	21.3		8	<1						0	3		1					1	
16	Site 7	6/27/2016	01003	21.20	21.10	21.00	23.55	23.76	23.76	8.07	8.10	8.11	nta malfunction			1.0	3.3	24.3		24	<1						0	2	5	1					0	
17	Site 7	7/5/2016	Cancelled due to Rain 7/5/2016																																	
18	Site 7	7/11/2016	00935	23.74	23.11	N/A	25.87	25.94	N/A	8.14	8.10	N/A	7.25	6.74	N/A	0.8	1.7	20.8		15	8		0.010	0.001			0	2	5	6					2	
19	Site 7	7/18/2016	Cancelled due to Boat Malfunction 7/18/2016																																	
20		8/1/2016		no samples																																
21	Site 7	7/25/2016	00940	24.72	24.71		26.64	26.71		7.83	7.77		4.97	5.23		0.9	1.4	27.1		51	1						0	3	1	6	2	6	1	2	2	
22	Site 7	8/8/2016	01142	25.20	25.21		27.17	27.15		8.21	8.18		7.44	7.12		1.1	1.4	32.0		<1	<1						0	4	3	6	1	0	0	1	0	
23		8/22/2016		no samples																																
24	Site 7	8/15/2016	00858	27.40	27.46	27.29	26.99	26.88	26.98	8.12	8.13	7.97	6.60	6.28	5.66	1.3	2.5	26.5		17	7						0	4	3	6	1	1	1	1	1	
25		9/6/2016		no samples																																
26	Site 7	8/22/2016	00907	25.14			27.08			7.92		5.49			1.0		23.0		54	8							3	2	3	6	1	8	2	1	3	
27		9/19/2016		no samples																																
28	Site 7	8/29/2016	00855	25.44	25.44	25.42	27.38	27.45	27.45	7.86	7.83	7.76	6.49	6.21	6.05	1.0	3.0	26.2		3	<1						0	4	5	6	4	8	1	3	1	
29	Site 7	9/12/2016	00953	23.35	23.48	23.29	27.37	27.37	27.51	7.96	7.96	7.89	6.17	6.24	5.90	1.2	3.40	20.5		22	<1							2	1	6					1	
30	Site 7	9/26/2016	00927	20.29	20.61	21.00	27.45	27.68	27.84	7.63	7.67	7.70	6.61	6.82	6.80	1.9	2.80	24.8		30	<1							2	3	6					2	
31	Site 7	10/3/2016	00920	18.78	18.78	18.81	27.88	27.88	27.89	7.50	7.50	7.53	5.66	5.69	5.85	1.8	5.0	17.7		19	<1						0	4	2	0					0	
32	Site 7	10/11/2016	00929	15.81	16.36	16.45	27.24	27.71	27.71	7.69	7.70	7.66	7.59	7.56	7.39	1.8	3.1	12.4		22	1							3	3	6					0	
33	Site 7	10/17/2016	00855	16.54	16.76		27.52	27.72		7.83	7.81		7.78	7.16		On Bottom	1.6	19.2		41	9							4	3	6					0	
34	Site 7	10/24/2016	00948	15.04	15.04	15.38	27.36	27.36	27.37	7.69	7.70	7.65	7.16	7.11	6.21	1.10	2.2	14.1		14	2							2	0	0					3	
35	Site 7	10/31/2016	trip canceled - weather																																	
36	Site 7																																			
37	Site 7																																			
38	Site 7																																			
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1	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
2		Date	Time	H2O Temp TOP (0.5m)	H2O Temp 1.0 m	H2O Temp 0.5 m from BTM	Salinity TOP	Salinity 1.0 m	Salinity BTM	PH Top	PH 1.0 m	Ph .5 m from BTM	Top DO	DO 1 m	BTM DO	Secchi	Depth (meters)	Air Temp	H2O Temp BTM monthly AVG	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tidal Stage	Water Color	Surface Conditions	Cloud Cover	Wind Direction	Wind Speed	Weather	Wave Height	
3		Friends of the Bay 2016 Water Quality Data - Site 8, Oyster Bay STP at White's Creek																																		
4		4/4/2016		No samples																																
5	Site 8	4/18/2016	00905	10.36	10.33	10.17	26.22	26.29	26.35	8.33	8.34	8.33	8.85	8.83	8.67	2.1	3.4	15.6		1	1.000						0	4	5	6	0	0	0	1	0	
6	Site 8	4/25/2016	00901	13.22	n/a	13.23	26.22	n/a	26.23	8.22	n/a	8.23	8.05	n/a	8.05	1.50	15.00	12.1		<1	<1						0	2	5	6	4	1	1	3	0	
7	Site 8	5/2/2016	00950	12.01	11.93	11.83	25.82	26.23	26.37	8.26	8.21	8.19	8.09	8.09	8.26	2.80	5.10	11.9		25	3.000					0	2	3	6	4	0	0	3	2		
8		5/9/2016		no samples																																
9		5/16/2016		no samples																																
10	Site 8	5/9/2016	00822	11.68	11.68	11.68	26.01	26.08	21.65	8.24	8.24	8.21	8.3	8.19	8.16	1.8	3.2	15.2		4	2					0	3	3	6	2	6	1	2	1		
11	Site 8	5/23/2016	00846	14.91	14.84	14.81	26.02	26.02	26.02	8.29	8.27	8.25	7.95	5.92	7.85	1.90	3.7	16.0		3	2					0	3	5	5	4	8	1	3	0		
12	Site 8	5/31/2016	00923	18.45	18.25	17.68	26.04	26.03	26.15	8.14	8.15	8.14	6.53	6.52	6.56	1.00	4.6	24.5		11	3					3	1	3	0	4	5	2	3	0		
13	Site 8	6/6/2016	00923	18.41	18.31	17.91	26.11	26.17	26.16	8.23	8.21	8.17	7.03	6.83	6.66	1.20	3.5	22.7		31	6	0.020	0.001			3	3	3	6					1		
14	Site 8	6/13/2016	Cancelled due to Wind 6/13/2016																																	
15	Site 8	6/20/2016	00908	20.54	20.31	19.94	26.33	26.32	26.38	8.25	8.24	8.17	6.94	6.84	6.64	1.00	3.9	21.9		2	<1				0	3	4	1						1		
16	Site 8	6/27/2016	01015	20.5	20.70	20.40	23.82	23.88	23.95	8.20	8.19	8.17	nta malfunction			0.90	3.3	26.4		7	1				0	2	5	1						0		
17	Site 8	7/5/2016	Cancelled due to Rain 7/5/2016																																	
18	Site 8	7/11/2016	00926	22.24	22.20	22.13	26.19	26.33	26.47	8.17	8.15	8.07	7.31	7.30	6.55	1.00	1.9	20.4		9	2	0.020	0.001			0	2	5	6						2	
19	Site 8	7/18/2016	Cancelled due to Boat Malfunction 7/18/2016																																	
20		8/1/2016		no samples																																
21	Site 8	7/25/2016	00937	24.38	24.17		26.77	27.04		8.06	8.04		6.38	6.16		0.80	1.3	27.3		28	3				0	3	1	6	2	6	1	2	3			
22	Site 8	8/8/2016	01153	25.41	25.40		27.10	27.16		8.21	8.19		7.88	7.85		1.10	1.5	32.1		5	<1	0.020	0.005			0	4	3	6	1	0	0	1	0		
23		8/22/2016		no samples																																
24	Site 8	8/15/2016	00912	27.51	27.41	26.71	26.88	26.95	27.07	8.11	8.07	8.00	6.30	5.95	5.36	1.40	3.4	26.1		6	<1				0	4	3	6	1	8	1	1	1			
25		9/6/2016		no samples																																
26	Site 8	8/22/2016	00919	25.03	25.04		27.01	27.01		7.84	7.75		5.02	5.21		1.40	1.4	22.3		25	7				3	2	3	6	1	8	2	1	1			
27		9/19/2016		no samples																																
28	Site 8	8/29/2016	00907	25.42	25.43	25.40	27.23	27.31	27.45	7.84	7.83	7.70	6.18	6.09	5.73	1.20	3.0	26.4		19	2				0	4	3	6	4	8	1	3	1			
29	Site 8	9/12/2016	00939	23.44	23.44	23.33	27.30	27.30	27.51	7.85	7.85	7.82	5.68	5.63	5.46	1.40	3.1	20.9		19	1	0.090	0.030		0	2	1	6						2		
30	Site 8	9/26/2016	00915	21.61	21.58	21.69	27.88	27.72	27.87	7.59	7.60	7.61	6.22	6.30	6.29	1.50	2.9	17.6		7	<1				5	1	3	6						2		
31	Site 8	10/3/2016	00928	18.87	19.00	19.00	27.89	27.97	27.97	7.55	7.55	7.55	6.08	5.95	5.95	1.80	2.7	17.9		5	<1			0	4	1	0							0		
32	Site 8	10/11/2016	00920	16.32	16.36	16.46	27.42	27.56	27.57	7.70	7.69	7.66	7.59	7.54	7.40	1.70	2.2	9.6		13	<1				3	3	6							0		
33	Site 8	10/17/2016	00918	16.92	16.83	16.86	27.72	27.79	27.80	7.82	7.83	7.81	8.11	8.10	7.83	2.00	2.6	18.6		10	6				4	3	6							1		
34	Site 8	10/24/2016	01001	15.89	15.90	15.90	27.68	27.68	27.68	7.77	7.73	7.71	7.22	6.98	5.36	2.2	3.00	14.3		4	<1				2	0	0							3		
35	Site 8	10/31/2016	trip canceled - weather																																	
36	Site 8																																			
37	Site 8																																			
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
1	Friends of the Bay 2016 Water Quality Data - Site 9, Roosevelt Beach																																			
2	Date	Time	H2O Temp TOP (0.5m)	H2O Temp 1.0 m	H2O Temp 0.5 m from BTM	Salinity TOP	Salinity 1.0 m	Salinity BTM	PH Top	PH 1.0 m	Ph .5 m from BTM	Top DO	DO 1.0 m	BTM DO	Secchi	Depth (meters)	Air Temp	H2O Temp BTM monthly AVG	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tidal Stage	Water Color	Surface Conditions	Cloud Cover	Wind Direction	Wind Speed	Weather	Wave Height		
3		4/4/2016	no samples																																	
4		4/11/2015	no samples																																	
5	Site 9	4/18/2016	00933	10.27	10.27	10.11	26.36	26.35	26.42	8.33	8.33	8.31	8.72	8.72	8.68	1.1	2.3	20.2		<1	<1							0	4	5	6	0	0	0	1	0
6	Site 9	4/25/2016	00926	13.28	n/a	n/a	26.23	n/a	n/a	8.21	n/a	n/a	8.16	n/a		1.00	1.00	13.6		<1	<1						0	2	5	6	4	0	1	3	0	
7	Site 9	5/2/2016	00935	12.24	12.13	12.10	26.18	26.17	26.17	8.21	8.20	8.18	7.87	7.91	7.96	2.60	4.30	10.4		4	<1					0	2	3	6	4	0	0	0	3	2	
8		5/9/2016	no samples																																	
9		5/16/2016	no samples																																	
10	Site 9	5/9/2016	00751	11.81	11.82	11.80	26.02	26.02	26.02	8.24	8.23	8.21	7.96	7.96	7.96	1.60	3.00	13.9		1	1					0	3	3	6	2	6	1	2	1		
11	Site 9	5/23/2016	00912	14.61	14.51	14.51	26.01	26.01	26.08	8.24	8.25	8.21	7.74	7.76	7.66	1.50	3.10	15.3		3	2					0	3	5	5	4	7	1	3	0		
12	Site 9	5/31/2016	00856	18.97	18.54	18.49	25.92	25.97	25.97	8.14	8.11	8.07	6.40	6.38	6.31	0.9	4.4	23.8		18	5				3	1	3	0	4	0	0	0	3	0		
13	Site 9	6/6/2016	00951	18.42	18.41	18.31	26.04	26.03	26.10	8.19	8.19	8.16	6.99	6.81	6.73	1.0	3.7	23.0		23	11					3	3	5	6					2		
14	Site 9	6/13/2016	Cancelled due to Wind 6/13/2016																																	
15	Site 9	6/20/2016	00935	19.35	19.22	19.22	26.49	26.49	26.49	8.12	8.14	8.1	6.03	6.01	5.95	0.8	3.8	21.6		7	<1				0	3	4	1						1		
16	Site 9	6/27/2016	01050	21.40	21.40	21.30	23.84	23.77	23.84	8.25	8.24	8.24	nta malfunction			0.9	3.1	24.8		8.24	<1	<1			0	2	5	1						0		
17	Site 9	7/5/2016	Cancelled due to Rain 7/5/2016																																	
18	Site 9	7/11/2016	00903	22.12	22.07	N/A	26.54	26.53	N/A	8.10	8.08	N/A	6.59	6.50	N/A	0.8	1.5	20.3		13	4				0	2	5	6						2		
19	Site 9	7/18/2016	Cancelled due to Boat Malfunction 7/18/2016																																	
20		8/1/2016	no samples																																	
21	Site 9	7/25/2016	00916	24.68	24.64		26.92	26.85		8.03	8.02		6.12	6.15		1.0	1.3	27.5		5	1				0	3	1	6	2	6	1	2	2	2		
22	Site 9	8/8/2016	00930	24.71	24.71		27.14	27.14		8.08	8.03		7.00	6.93		1.5	1.4	28.0		1	<1				0	1	3	6	1	8	1	1	1	1		
23		8/22/2016	no samples																																	
24	Site 9	8/15/2016	00939	27.41	27.21	26.70	26.89	26.88	27.01	8.10	8.06	8.01	6.17	5.97	5.68	1.3	2.8	26.7		8	<1				0	1	3	6	1	0	0	0	1	0		
25		9/6/2016	no samples																																	
26	Site 9	8/22/2016	00947	25.44	25.48		27.17	27.17		7.93	7.91		5.07	5.19		1.3	1.40	23.2		36	14				3	2	3	6	1	8	2	1	2			
27		9/19/2016	no samples																																	
28	Site 9	8/29/2016	00937	25.53	25.47	25.13	27.38	27.45	27.58	7.83	7.82	7.80	6.02	5.85	5.70	1.6	3.00	26.5		2	1				0	4	3	6	3	8	1	2	1			
29	Site 9	9/12/2016	00912	23.66	23.75	23.78	27.45	27.53	27.60	7.93	7.91	7.90	5.94	5.82	5.85	1.5	3.10	19.6		8	<1				0	1	5	6						0		
30	Site 9	9/26/2016	00902	21.87	21.83	21.76	27.88	27.88	27.80	7.62	7.60	7.57	6.21	6.12	5.98	2.1	4.10	17.7		10	<1				0	1	5	6						0		
31	Site 9	10/3/2016	00952	18.84	18.85	18.86	27.96	27.89	27.96	7.57	7.57	7.55	6.20	6.19	6.20	1.8	2.00	18.8		16	<1				0	4	1	0						0		
32	Site 9	10/11/2016	00856	16.20	16.20	16.21	27.48	27.48	27.48	7.68	7.68	7.66	7.41	7.48	7.48	1.9	2.60	10.8		5	3				0	3	3	6						0		
33	Site 9	10/17/2016	00934	16.93	16.83	16.83	27.80	27.79	27.87	7.82	7.85	7.79	8.09	8.09	7.97	2.0	2.70	24.5		no sample	no sample				0	4	3	6						1		
34	Site 9	10/24/2016	01026	15.82	15.82	15.82	27.68	27.68	27.61	7.73	7.72	7.72	7.39	7.38	7.34	2.4	2.30	15.0		5	3				0	2	0	0						3		
35	Site 9	10/31/2016	trip canceled - weather																																	
36	Site 9																																			
37	Site 9																																			
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
1	Friends of the Bay 2016 Water Quality Data - Site 10, Beekman Beach																																			
2	Date	Time	H2O Temp TOP (0.5m)	H2O Temp 1.0 m	H2O Temp 0.5 m from BTM	Salinity TOP	Salinity 1.0 m	Salinity BTM	PH Top	PH 1.0 m	Ph. 5 m from BTM	Top DO	DO 1.0 m	BTM DO	Secchi	Depth (meters)	Air Temp	H2O Temp BTM monthly AVG	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tidal Stage	Water Color	Surface Conditions	Cloud Cover	Wind Direction	Wind Speed	Weather	Wave Height		
3		4/4/2016	No samples																																	
4		4/11/2015	no samples																																	
5	Site 10	4/18/2016	00941	11.04	11.04	10.21	26.06	26.2	26.35	8.31	8.33	8.27	8.64	8.53	8.4	2	5.4	20.2		1	<1					0	4	5	6	0	0	0	1	0		
6	Site 10	4/25/2016	00933	13.48	13.49	13.41	26.1	26.17	26.23	8.21	8.22	8.18	7.96	7.96	7.81	2.80	3.50	12.7		<1						0	2	5	6	4	1	1	3	0		
7	Site 10	5/2/2016	00922	12.55	12.11	11.95	25.99	26.31	26.23	8.20	8.19	8.10	7.86	7.91	7.86	2.50	6.50	10.8		86	35					0	2	3	6	4	0	0	3	2		
8		5/9/2016	no samples																																	
9		5/16/2016	no samples																																	
10	Site 10	5/9/2016	00739	11.84	11.87	11.81	24.95	25.95	26.02	8.10	7.76	7.46	7.63	7.54	6.81	2.2	5.20	13.2		2	3					0	3	3	6	2	6	1	2	1		
11	Site 10	5/23/2016	00921	15.81	16.00	15.31	24.75	25.72	25.84	8.27	8.29	8.23	8.12	7.99	7.67	1.30	5.40	17.8		6	1					0	3	5	5	4	8	1	3	0		
12	Site 10	5/31/2016	00845	19.50	19.21	18.19	25.66	25.79	26.03	8.18	8.17	8.15	6.83	6.64	6.46	1.1	7.4	23.6		29	2				3	1	3	0	4	0	0	3	0			
13	Site 10	6/6/2016	01000	20.22	19.81	18.80	25.06	25.74	25.92	8.29	8.28	8.16	7.47	7.17	6.30	0.9	5.90	23.5	200	17			0.000	0.004		3	4	5	6					1		
14	Site 10	6/13/2016	Cancelled due to Wind 6/13/2016																																	
15	Site 10	6/20/2016	00944	21.81	21.64	20.04	25.97	26.24	26.31	8.35	8.31	8.08	7.08	7.03	5.52	0.8	6.90	23.0		15	<1				0	3	4	1						1		
16	Site 10	6/27/2016	01100	21.90	22.00	20.00	23.03	23.72	23.90	8.28	8.27	8.22	nta malfunction			0.8	5.4	25.2		14	5				0	2	5	1						0		
17	Site 10	7/5/2016	Cancelled due to Rain 7/5/2016																																	
18	Site 10	7/11/2016	00855	22.65	22.75	21.61	25.92	26.34	26.59	8.21	8.20	7.99	7.53	7.35	5.23	1.1	3.8	20.1		340	57			0.020	0.001		0	2	5	6					0	
19	Site 10	7/18/2016	Cancelled due to Boat Malfunction 7/18/2016																																	
20		8/1/2016	no samples																																	
21	Site 10	7/25/2016	00900	24.78	24.75	24.64	26.64	26.85	26.85	8.04	8.01	7.86	6.24	6.18	5.99	0.8	2.4	27.2		40	18				0	2	1	6	3	6	1	3	2			
22	Site 10	8/8/2016	00917	24.74	24.71	24.67	26.83	27.07	27.13	8.13	8.10	8.02	6.96	6.90	6.51	1.6	3.5	28.1		15	<1			0.020	0.002		0	1	3	6	1	8	1	1	2	
23		8/22/2016	no samples																																	
24	Site 10	8/15/2016	00947	27.91	27.91	27.11	26.54	26.69	26.87	8.17	8.12	7.95	6.47	6.21	5.03	1.1	5.3	28.4		41	10				0	1	3	6	1	8	1	1	1			
25		9/6/2016	no samples																																	
26	Site 10	8/22/2016	00955		25.81	25.51	27.11	27.24			7.97	7.86		5.41	4.33	1.5	4.1	23.0		6	<1					3	2	3	6	1	8	2	1	2		
27		9/19/2016	no samples																																	
28	Site 10	8/29/2016	00946	25.93	25.40		27.26	27.38		7.90	7.69		6.58	5.50		1.1		26.2		6	<1					0	4	3	6	2	8	1	2	1		
29	Site 10	9/12/2016	00902	23.99	23.96	23.73	27.03	27.32	27.53	7.88	7.89	7.88	5.63	5.70	5.45	1.3	5.6	20.2		210	12			0.120	0.030		0	1	5	6					0	
30	Site 10	9/26/2016	00854	21.81	21.95	21.84	27.81	27.80	27.88	7.62	7.60	7.59	6.13	6.10	5.90	1.9	5.2	19.7		11	1					0	1	5	6						0	
31	Site 10	10/3/2016	01000	18.95	18.95	18.92	27.80	27.89	27.96	7.52	7.53	7.53	5.87	5.78	5.78	0.8	4.1	18.7		26	11				0	4	1	0							0	
32	Site 10	10/11/2016	00848	15.42	15.84	16.12	26.75	26.75	27.48	7.68	7.68	7.69	7.41	7.49	7.28	1.7	5.4	10.4		33	4						3	3	6						0	
33	Site 10	10/16/2016	00943	16.71	16.64	16.76	27.23	27.50	27.79	7.85	7.80	8.15	7.92	7.23	1.8	3.4	21.7		38	21							4	3	6						1	
34	Site 10	10/24/2016	01038	15.79	15.81	15.84	27.61	27.61	27.68	7.73	7.73	7.71	7.23	7.00	7.22	3.6	4.4	15.6		7	<1						2	0	0						3	
35	Site 10	10/31/2016	trip canceled - weather																																	
36	Site 10																																			
37	Site 10																																			
38	Site 10																																			
39	Site 10																																			
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1	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
2		Date	Time	H2O Temp TOP (0.5m)	H2O Temp 1.0 m	H2O Temp 0.5 m from BTM	Salinity TOP	Salinity 1.0 m	Salinity BTM	PH Top	PH 1.0 m	Ph .5 m from BTM	Top DO	DO 1 m	BTM DO	Secchi	Depth (meters)	Air Temp	H2O Temp BTM monthly AVG	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tidal Stage	Water Color	Surface Conditions	Cloud Cover	Wind Direction	Wind Speed	Weather	Wave Height	
3		4/4/2016		No samples																																
4		4/11/2015		no samples																																
5	Site 12	4/18/2016	01000	13.22	13.4	12.48	26.23	26.23	26.27	8.26	8.24	8.20	8.12	8.08	7.81	2.0	3.3	20.90		1	<1						0	4	5	6	0	0	0	1	0	
6	Site 12	4/25/2016	00949	n/a	n/a	13.83	n/a	n/a	26.32	n/a	n/a	8.22	n/a	n/a	7.95	1.0	1.0	11.5		<1	1						0	2	5	6	4	2	1	3	0	
7	Site 12	5/2/2016	00857	13.07	13.08	13.11	26.08	26.08	26.15	8.17	8.16	8.12	7.81	7.75	7.73	2.7	5.0	9.1		<1	<1						0	2	3	6	4	3	1	3	2	
8		5/9/2016		no samples																																
9		5/16/2016		no samples																																
10	Site 12	5/9/2016	00714	11.62	11.66	11.70	25.66	25.66	25.67	8.14	8.15	8.11	7.55	7.63	7.59	1.0	2.6	13.5		43	48						0	3	3	6	4	7	1	2	2	
11	Site 12	5/23/2016	00948	16.81	16.71	n/a	25.91	25.89	n/a	8.22	8.19	n/a	7.62	7.47	n/a	1.5	3.6	16.3		1	<1						0	3	5	5	4	7	1	3	0	
12	Site 12	5/31/2016	00828	22.97	22.78	21.47	25.44	25.43	25.52	8.21	8.21	8.12	6.34	6.28	6.40	0.8	5.3	21.7		33	22						3	1	3	0	4	3	1	3	0	
13	Site 12	6/6/2016	01017	21.01	20.91	20.64	25.51	25.57	25.70	8.21	8.25	8.25	6.93	6.95	6.87	0.9	4.0	22.6		82	7		0.010	0.003			3	4	5	6					1	
14	Site 12	6/13/2016	Cancelled due to Wind 6/13/2016																																	
15	Site 12	6/20/2016	01007	22.30	21.91	21.30	26.26	26.32	26.29	8.23	8.27	8.13	6.42	6.62	5.73	0.7	4.5	21.4		9	1						0	3	4	1					1	
16	Site 12	6/27/2016	01113	24.60	24.60	24.60	23.95	23.95	23.95	8.29	8.29	8.30	nta malfunction			0.8	3.0	24.8		2	<1						0	2	5	1					1	
17	Site 12	7/5/2016	Cancelled due to Rain 7/5/2016																																	
18	Site 12	7/11/2016	00834	23.15	23.02	22.74	26.36	26.36	26.42	7.97	7.91	7.74	5.80	5.13	2.94	0.7	2.1	21.1		5	<1		0.010	0.001			0	2	5	6					0	
19	Site 12	7/18/2016	Cancelled due to Boat Malfunction 7/18/2016																																	
20		8/1/2016		no samples																																
21	Site 12	7/25/2016	00837	26.94	26.94		26.86	26.86		8.09	7.93		6.10	5.90		0.9	1.7	26.90		1	1						0	2	1	6	3	6	2	2	2	
22	Site 12	8/8/2016	00842	25.11	25.40		27.15	27.15		7.67	7.38		4.54	4.13		0.4	1.3	24.90		1	<1		0.010	0.002			0	2	3	6	0	1	1	1	1	
23		8/22/2016		no samples																																
24	Site 12	8/15/2016	01008	29.11	28.71	27.94	26.80	26.79	26.90	7.82	7.88	7.70	5.08	4.65	2.96	1.1	3.0	28.40		9	1						0	1	3	6	1	0	0	1	0	
25		9/6/2016		no samples																																
26	Site 12	8/22/2016	01022	26.34			26.98			7.97			5.19			0.4	0.8	22.50		4	1						3	3	5	6	1	8	2	1	1	
27		9/19/2016		no samples																																
28	Site 12	8/29/2016	01004	26.17	26.05	25.80	27.19	27.19	27.25	7.72	7.67	7.62	4.91	4.59	4.20	0.5	3.0	26.40		2	<1						0	1	3	6	2	8	1	2	1	
29	Site 12	9/12/2016	00847	23.82	23.81	23.51	27.39	27.39	27.37	7.96	7.92	7.84	5.54	5.29	4.73	0.9	3.3	19.20		5	<1						0	1	5	6					0	
30	Site 12	9/26/2016	00830	20.97	21.00	20.98	27.91	27.91	27.91	7.65	7.65	7.65	5.99	6.07	6.03	1.1	2.1	20.20		4	1						0	1	5	6					0	
31	Site 12	10/3/2016	01019	18.22	18.17	18.16	27.86	27.93	27.86	7.55	7.54	7.52	5.90	5.84	5.82	1.3	2.4	18.30		5	<1						0	4	1	0					0	
32	Site 12	10/11/2016	00829	15.53	15.56	15.48	27.59	27.59	27.66	7.65	7.65	7.62	7.00	7.18	6.84	2.2	2.9	12.20		4	1						0	3	3	6					0	
33	Site 12	10/17/2016	01006	16.06	16.06	15.97	27.41	27.48	27.41	7.93	7.90	7.81	7.97	7.73	4.00	1.1	3.0	22.30		47	8						0	4	3	6					1	
34	Site 12	10/24/2016	00839	14.21	14.22	27.53	27.60	24.12	7.71	7.69	7.66	7.12	7.05	7.16	0.9	3.0	13.80		8	2							0	2	0	0					2	
35	Site 12	10/31/2016	trip canceled - weather																																	
36	Site 12																																			
37	Site 12																																			
38	Site 12																																			
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK
1	Friends of the Bay 2016 Water Quality Data - Site 13, Mill Neck Creek East																																				
2	Date	Time	H2O Temp TOP (0.5m)	H2O Temp 1.0 m	H2O Temp 0.5 m from BTM	Salinity TOP	Salinity 1.0 m	Salinity BTM	PH Top	PH 1.0 m	Ph .5 m from BTM	Top DO	DO 1.0 m	BTM DO	Secchi	Depth (meters)	Air Temp	H2O Temp BTM monthly AVG	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Total Kjeldahl Nitrogen (TKN)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tidal Stage	Water Color	Surface Conditions	Cloud Cover	Wind Direction	Wind Speed	Weather	Wave Height		
3	4/4/2016		No samples																																		
4	4/11/2015		no samples																																		
5	Site 13	4/9/2013	8.56	8.11	8	25.09	25.00	25.4	8.36	8.34	8.32	9.96	10.02	11.13	2.1	2.1	15.0		<1	<1	ND		ND	1.630	1.630	1.630		1	4		6						
6	Site 13	4/15/2013	10.32	10.38		23.06	24.71		8.33	8.32		7.13	7.09		1.6	1.9	7.4		4	4								3	5								
7	Site 13	4/22/2013	11.4	11.39	11.37	25.51	25.52	24.69	8.92	8.9	8.81	7.47	7.67	4.51	1.6	3.3	7.7		<1	<1							4	5									
8	Site 13	5/9/2016	no samples																																		
9	Site 13	5/16/2016	no samples																																		
10	Site 13	4/30/2013	12.67			25.40			9.06			5.40			1.1	1.2	11.1		5*	2								2	4		6						
11	Site 13	5/6/2013	15.37	15.32	15.29	25.63	25.63	25.62	9.55	9.56	9.55	736.00	7.78	8.33	1.7	1.8	10.6		<1	<1								2	3		6						
12	Site 13	5/13/2013	14.31	16.09		24.41	24.92		9.16	9.16		6.56	6.95		1.2	1.5	7.9		18	8	ND	0.042		1.570	1.570	1.610											
13	Site 13	4/18/2016	01059	12.22	12.06	26.12	26.09		8.31	8.30		8.15	8.11		1.9	1.7	22.5		1	<1								0	1	3	6	0	1	1	1	1	0
14	Site 13	4/25/2016	01000	n/a	n/a	14.10	n/a	n/a	25.10	n/a	n/a	8.10	n/a	n/a	7.49	1.3	1.0	13.0		7	2								0	2	5	6	4	2	1	3	0
15	Site 13	5/2/2016	00732	12.84	12.87	12.88	25.86	25.86	25.86	8.13	8.14	8.09	7.53	7.58	7.54	2.1	4.0	9.9		2	1							0	2	3	6	4	4	1	3	2	
16	Site 13	5/23/2016	01006	16.54	16.27	n/a	25.47	25.53	n/a	8.20	8.21	n/a	7.48	7.53	n/a	1.5	3.1	16.8		43	6							0	3	5	5	4	2	2	3	0	
17	Site 13	5/31/2016	00804	20.46	20.35	20.28	25.69	25.62	25.62	8.13	8.12	8.09	6.36	6.36	6.34	0.9	3.9	21.9		38	3							3	1	3	0	4	2	0	3		
18	Site 13	6/6/2016	01031	19.84	19.82	19.81	25.74	25.74	25.74	8.21	8.16	8.16	6.74	6.73	6.71	0.8	3.2	23.3		100	32	0.010	0.008					3	4	5	6						
19	Site 13	6/13/2016	Cancelled due to Wind 6/13/2016																																		
20	Site 13	8/1/2016	no samples																																		
21	Site 13	6/20/2016	01020	21.91	21.81	21.81	26.11	26.17	26.17	8.24	8.24	8.22	6.91	6.89	6.76	0.6	3.1	20.8		16	1							0	3	4	1						
22	Site 13	6/27/2016	00815	22.90	22.90	22.90	23.40	23.40	23.47	8.20	8.17	8.11	Quanta malfunction			0.7	3.1	23.0		8	1							0	2	5	5						
23	Site 13	8/22/2016	no samples																																		
24	Site 13	7/5/2016	Cancelled due to Rain 7/5/2016																																		
25	Site 13	9/6/2016	no samples																																		
26	Site 13	7/11/2016	00806	23.11	22.92	N/A	26.01	26.14	N/A	7.98	7.93	N/A	6.08	5.58	N/A	0.9	1.20	21.7		6	2	0.010	0.001				0	2	1	6							
27	Site 13	9/19/2016	no samples																																		
28	Site 13	7/18/2016	Cancelled due to Boat Malfunction 7/18/2016																																		
29	Site 13	7/25/2016	00741	26.01		26.61			7.75			4.43			0.5		27.3		18	17								0	2	1	6	4	6	1	3	0	
30	Site 13	8/8/2016	00813	25.14		26.37			7.52			3.81			0.0	0.50	25.2		2	2	0.020	0.004						0	2	3	6						
31	Site 13	8/15/2016	01021	27.91	27.91	26.73	26.75		7.98	7.99		5.47	5.73		1.2	1.60	28.6		7	<1								0	1	3	6	1	0	0	1	0	
32	Site 13	8/22/2016	00739	25.71	25.83	25.47	25.68		7.42	7.16		2.86	2.74		0.7	1.60	22.9		240	77								3	2	3	6	0	8	1	1	0	
33	Site 13	8/29/2016	01020	26.16	26.07	26.06	27.19	27.19	27.19	7.84	7.82	7.79	6.11	5.95	5.71	1.1	4.00	25.9		2	1							0	1	3	6	2	8	1	2	1	
34	Site 13	9/12/2016	00749	23.84	23.84	23.77	27.39	27.46	27.46	7.76	7.70	7.55	5.41	5.38	5.16	1.1	3.00	20.2		17	7	0.080	0.029					0	4	5	6						
35	Site 13	9/26/2016	00732	21.44	21.38	21.40	27.72	27.71	27.71	7.51	7.54	7.51	5.75	5.63	5.76	1.4	2.0	13.90		15	5							0	4	5	6						
36	Site 13	10/3/2016	01034	17.86	17.88	17.92	27.42	27.49	27.63	7.48	7.49	7.51	5.87	5.92	5.99	1.5	3.0	18.70		20	8							0	4	1	0						
37	Site 13	10/11/2016	00817	15.90	15.91	15.94	27.33	27.40	27.40	7.64	7.64	7.62	7.29	7.29	7.25	2.0	2.7	10.50		7	<1								3	3	6						
38	Site 13	10/17/2016	01020	16.47	16.44	27.43	27.43		7.87	7.83		7.93	6.71		1.3	2.0	21.20		15	3									4	3	6						
39	Site 13	10/24/2016	00826	15.21	15.21	27.51	27.51	27.44	7.65	7.65	7.64	6.87	6.58	6.01	2.6	2.7			15	<1									2	1	0						
40	Site 13	10/31/2016	trip canceled - weather																																		
41																																					
42																																					
43																																					
44																																					

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
1	Friends of the Bay 2016 Water Quality Data - Site 14, Mill Neck Creek West																																			
2	Date	Time	H2O Temp TOP (0.5m)	H2O Temp 1.0 m	H2O Temp 0.5 m from BTM	Salinity TOP	Salinity 1.0 m	Salinity BTM	PH Top	PH 1.0 m	Ph 5 m from BTM	Top DO	DO 1.0 m	BTM DO	Secchi	Depth (meters)	Air Temp	H2O Temp BTM monthly AVG	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tidal Stage	Water Color	Surface Conditions	Cloud Cover	Wind Direction	Wind Speed	Weather	Wave Height		
3		4/4/2016	no samples																																	
4		4/11/2015	no samples																																	
5	Site 14	4/8/2013	8.93	8.32	8.2	24.98	25.02	25.08	8.39	8.41	8.33	11.93	11.79	10.58		2.4	16.8				ND			1.470	1.510		1	4	6						0	
6	Site 14	4/15/2013	10.32	10.49		23.96	24.44		8.38	8.36		6.95	6.85			1.5	1.4	7.9			11	4						3	5							0
7	Site 14	4/22/2013	11.43	11.42	11.44	25.52	25.52	25.52	8.99	8.98	8.96	7.30	6.90	7.22	1.8	2.5	7.5			<1	<1							4	5							2
8		5/9/2016	no samples																																	
9		5/16/2016	no samples																																	
10	Site 14	4/18/2016	01050	12.56	12.29	12.10	25.98	26.04	26.03	8.29	8.29	8.24	8.02	7.85	7.33	1.1	2.3	20.5			1	<1					0	1	5	6	0	1	1	1	0	
11	Site 14	4/25/2016	01010	n/a	n/a	14.48	n/a	n/a	25.73	n/a	n/a	8.12	n/a	n/a	7.59	1.3	1.0	12.7			35	3					0	2	5	6	4	2	0	3	0	
12	Site 14	5/2/2016	00742	12.89	12.84	12.88	25.65	25.79	25.86	8.11	8.12	8.11	7.44	7.49	7.52	2.0	4.0	8.9			<1	1					0	2	3	6	4	4	1	3	2	
13	Site 14	5/31/2016	00758	21.22	20.81	20.39	25.24	25.50	25.63	8.11	8.11	8.03	6.43	6.38	6.22	0.8	4.1	21.3			54	13					3	1	3	0	4	3	0	3	0	
14	Site 14	6/6/2016	01037	19.81	19.81	19.74	25.81	25.81	25.81	8.18	8.19	8.16	6.75	6.72	6.66	1.0	3.6	23.1			173	27		0.020	0.000		3	4	1	6					1	
15	Site 14	6/13/2016	Cancelled due to Wind 6/13/2016																																	
16	Site 14	6/20/2016	01026	21.91	21.82	21.80	26.18	26.17	26.17	8.22	8.22	8.20	6.35	6.24	6.14	0.7	3.5	22.3			11	<1					0	3	4	1					1	
17	Site 14	6/27/2016	00807	23.30	23.01	23.07	23.56	23.68	23.62	8.13	8.14	8.13	Quanta malfunction			0.7	3.0	22.0			12	5					0	2	5	5					0	
18	Site 14	7/5/2016	Cancelled due to Rain 7/5/2016																																	
19	Site 14	7/11/2016	00758	23.28	23.26	22.74	25.87	25.94	26.28	7.97	7.97	7.87	6.10	6.08	5.51	0.9	2.5	21.5			6	1		0.010	0.013		1	2	1	6					1	
20		8/1/2016	no samples																																	
21	Site 14	7/18/2016	Cancelled due to Boat Malfunction 7/18/2016																																	
22	Site 14	7/25/2016	00751	26.04	25.91		26.54	26.61		7.55	7.46		3.73	3.94		0.5	1.9	26.60			72	30					0	2	1	6	4	6	1	3	0	
23		8/22/2016	no samples																																	
24	Site 14	8/8/2016	00803	25.30	25.20		26.30	26.37		7.62	7.43		3.89	3.63		0.5	1.4	24.80			11	<1		0.030	0.005		0	2	3	6	0			0	1	0
25		9/6/2016	no samples																																	
26	Site 14	8/15/2016	01028	28.11	28.51	27.71	26.50	26.56	26.75	7.92	7.92	7.92	4.98	5.29	4.74	0.8	2.9	29.30			37	3					0	1	3	6	1	0	0	1	0	
27		9/19/2016	no samples																																	
28	Site 14	8/22/2016	00743	25.64			26.31			7.40		3.34				0.7	0.6	23.30			230	150					3	2	5	6	0		1	1	1	
29	Site 14	8/29/2016	01027	26.32	26.26	26.06	27.12	27.12	27.19	7.84	7.82	7.72	6.09	5.99	5.72	0.5	3.0	26.80			9	2					0	1	3	6	2	8	1	2	1	
30	Site 14	9/12/2016	00755	23.99	23.99	23.88	27.32	27.39	27.39	7.77	7.75	7.75	5.25	5.19	5.11	1.1	3.1	20.70			25	22		0.090	0.024		0	4	5	6					0	
31	Site 14	9/26/2016	00739	21.46	21.43	21.40	27.79	27.72	27.72	7.53	7.52	7.51	5.59	5.60	5.53	1.2	3.1	16.70			15	2					0	4	5	6					1	
32	Site 14	10/3/2016	01041	17.73	17.74		27.34	27.34		7.42	7.42		5.60	5.60		1.2	1.5	18.10			42	2					0	4	3	0					0	
33	Site 14	10/11/2016	00810	15.68	15.65	15.96	27.04	27.11	27.19	7.60	7.59	7.44	6.88	5.98	2.73	1.7	2.7	10.80			7	3					3	3	6						0	
34	Site 14	10/17/2016	01026	16.48	16.47	16.42	27.50	27.50	27.42	7.88	7.88	7.88	8.26	7.88	7.84	1.20	3.30	21.10			11	1					4	3	6						1	
35	Site 14	10/24/2016	00815	14.86	14.91	15.08	27.21	27.28	21.14	7.61	7.62	7.53	6.73	6.24	7.62	1.60	2.30	13.40			15	5					2	1	0						0	
36	Site 14	10/31/2016	trip canceled - weather																																	
37	Site 14																																			
38	Site 14																																			
39	Site 14																																			
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2		Date	Time	H2O Temp TOP (0.5m)	H2O Temp 1.0 m	H2O Temp 0.5 m from BTM	Salinity TOP	Salinity 1.0 m	Salinity BTM	PH Top	PH 1.0 m	Ph .5 m from BTM	Top DO	DO 1.0 m	BTM DO	Secchi	Depth (meters)	Air Temp	H2O Temp BTM monthly AVG	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tidal Stage	Water Color	Surface Conditions	Cloud Cover	Wind Direction	Wind Speed	Weather	Wave Height	
3		Friends of the Bay 2016 Water Quality Data - Site 15, Mill Neck Creek South																																		
4		4/4/2016		No samples																																
5		4/11/2015		no samples																																
6	Site 15	4/18/2016	01039	13.10			25.59			8.21			7.62			1.0	21.7		6	4						0	1	5	6	0	1	1	1	0		
7	Site 15	5/2/2016	00753	12.88	13.04	13.01	24.13	24.97	25.11	8.03	8.01	7.94	6.78	7.05	7.17	0.8	3.8	8.0		48	26					0	2	3	6	4	0	0	3	2		
8	Site 15	5/23/2016	01013	16.51	16.41	16.41	25.40	25.47	25.46	8.21	8.26	8.20	7.55	7.54	7.36	1.1	3.6	16.6		162	14					0	3	5	5	4	3	1	3	0		
9		5/9/2016		no samples																																
10		5/16/2016		no samples																																
11	Site 15	5/31/2016	00753	21.79	21.78	21.74	24.62	24.83	24.90	7.89	7.87	7.74	5.40	5.14	5.30	0.7	3.5	22.1		390	320					3	1	3	0	4	0	0	3	0		
12	Site 15	6/6/2016	01045	21.21	21.11	21.10	24.74	24.81	24.74	7.99	8.02	7.99	6.24	6.16	6.12	0.4	2.6	23.9		655	86*		0.010	0.001		3	4	5	6					1		
13	Site 15	6/13/2016	Cancelled due to Wind 6/13/2016																																	
14	Site 15	6/20/2016	01033	23.51	23.40	23.31	25.60	25.60	25.59	8.22	8.22	8.22	6.66	6.65	6.67	0.6	3.6	21.6		63	1					0	3	4	1					1		
15	Site 15	6/27/2016	Too Shallow																																	
16	Site 15	7/5/2016	Cancelled due to Rain 7/5/2016																																	
17	Site 15	7/11/2016	Too Shallow																																	
18	Site 15	7/18/2016	Cancelled due to Boat Malfunction 7/18/2016																																	
19	Site 15	7/25/2016	00808	26.14			26.33			7.51			3.32			0.3	1.0	26.2		83	29					0	2	1	6	4	6	1	3	1		
20	Site 15	8/15/2016	01040	29.01			25.15						5.52			0.6		29.2		48	6					0	1	3	5	1	0	0	1	0		
21		8/1/2016		no samples																																
22	Site 15	8/29/2016	01035	26.58			26.07			7.57			4.27			0.4	1.0	26.80		38	<1					0	2	3	6	2	8	1	2	1		
23	Site 15	9/12/2016	00800	23.36	23.57		25.66	26.45		7.53	7.42		3.36	3.29		0.60	1.50	18.30		90	24		0.030	0.009		0	4	5	6					0		
24		8/22/2016		no samples																																
25	Site 15	9/26/2016	00749	20.18			26.81			7.26			4.38			0.60	1.10	12.60		69	25					0	4	5	6					0		
26		9/6/2016		no samples																																
27	Site 15	10/3/2016	01051	17.52	17.47		16.38	16.31	16.31	7.19	7.12		4.15	4.2		0.50	1.50	19.10		53	10						4	3	0					0		
28		9/19/2016		no samples																																
29	Site 15	10/11/2016	00804	14.11	14.63	14.74	22.78	25.18	25.32	7.36	7.33	7.31	6.08	5.91	5.96	0.60	3.50	9.10		350	57						3	3	6					0		
30	Site 15	10/17/2016																																		
31	Site 15	10/24/2016	00748	13.42	14.13	14.50	26.40	26.70	26.77	7.45	7.50	7.47	6.40	5.19	4.68	0.90	1.60	12.30		56	130						2	0	0					0		
32	Site 15	10/31/2016	trip canceled - weather																																	
33	Site 15																																			
34	Site 15																																			
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2		Date	Time	H2O Temp TOP (0.5m)	H2O Temp 1.0 m	H2O Temp 0.5 m from BTM	Salinity TOP	Salinity 1.0 m	Salinity BTM	PH Top	PH 1.0 m	Ph .5 m from BTM	Top DO	DO 1.0	BTM DO	Secchi	Depth (meters)	Air Temp	H2O Temp BTM monthly AVG	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tidal Stage	Water Color	Surface Conditions	Cloud Cover	Wind Direction	Wind Speed	Weather	Wave Height	
3		4/4/2016		no samples																																
4		4/11/2015		no samples																																
5	Site 16	4/18/2016	01025	13.03			25.32			8.20			7.94				1.9	1.9	20.3		4	<1					0	1	5	6	0	1	1	1	0	
6	Site 16	5/2/2016	00809	12.10	12.46	12.74	23.84	24.46	24.75	7.95	7.93	7.93	6.85	6.84	6.91	1.0	3.3	9.1		26	11						0	2	3	6	4	4	1	3	2	
7	Site 16	5/31/2016	00742	21.79	21.81	21.81	24.48	24.83	24.97	7.92	7.92	7.90	5.40	5.41	5.42	0.6	3.2	22.4		220	130*						3	1	3	0	4	0	1	3	0	
8		5/9/2016		no samples																																
9		5/16/2016		no samples																																
10	Site 16	6/6/2016	01057	21.34	21.40	21.20	24.75	24.75	24.75	7.99	7.99	7.96	6.14	6.15	6.18	0.5	3.2	24.8		1400	100*		0.000	0.001			3	4	5	6					0	
11	Site 16	6/13/2016	Cancelled due to Wind 6/13/2016																																	
12	Site 16	6/20/2016	01042	23.94	23.91	23.91	25.12	25.40	25.40	8.22	8.24	8.22	7.18	7.20	7.11	0.5	2.8	21.1		52	2						0	3	4	1					0	
13	Site 16	6/27/2016	Too Shallow																																	
14	Site 16	7/5/2016	Cancelled due to Rain 7/5/2016																																	
15	Site 16	7/11/2016	00749	23.59	N/A	N/A	25.81	N/A	N/A	7.54	N/A	N/A	3.9	N/A	N/A	0.5	0.6	20.4		24	4		0.010	0.003			1	2	1	6					1	
16	Site 16	7/18/2016	Cancelled due to Boat Malfunction 7/18/2016																																	
17	Site 16	7/25/2016	Too Shallow																																	
18	Site 16	8/15/2016	01050	28.91			25.87			7.86			6.28		0.7	1.5	32.2		340	15						0	1	1	1	1	0	1	1	0		
19	Site 16	8/29/2016	01043	26.59			26.50			7.37			3.6		0.9	0.9	27.8		21	5						0	2	3	6	2	1	1	2	0		
20		8/1/2016		no samples																																
21	Site 16	9/12/2016	00809	23.30	23.26		26.08	26.16		7.44	7.39		3.03	3.08		0.7	1.5	21.6		51	11		0.050	0.013			0		5	6					0	
22	Site 16	9/26/2016	00755	19.83	19.76		27.01	26.93		7.29	7.29		4.64	4.50		0.8	1.4	14.40		37	17					0	4	5	6						0	
23		9/22/2016		no samples																																
24	Site 16	10/3/2016	01107	17.76			26.57			7.2			4.08		0.4	0.8	19.80		49	26						0	4	5 brownish scum							0	
25		9/6/2016		no samples																																
26	Site 16	10/11/2016	00752	14.16			25.02			7.27			5.92		0.8	1.4	10.20		59	15							3	3	6						0	
27		9/19/2016		no samples																																
28	Site 16	10/17/2016																		3	1															
29	Site 16	10/24/2016	00804	13.68	13.81		26.39	26.47		7.45	7.44		5.25	5.71		1.1	1.3	13.70		58	31						2	1	0						0	
30	Site 16	10/31/2016	trip canceled - weather																																	
31	Site 16																																			
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2		Date	Time	H2O Temp TOP (0.5m)	H2O Temp 1.0 m	H2O Temp 0.5 m from BTM	Salinity TOP	Salinity 1.0 m	Salinity BTM	PH Top	PH 1.0 m	Ph .5 m from BTM	Top DO	DO 1.0	BTM DO	Secchi	Depth (meters)	Air Temp	H2O Temp BTM monthly AVG	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tidal Stage	Water Color	Surface Conditions	Cloud Cover	Wind Direction	Wind Speed	Weather	Wave Height	
3		4/4/2016		no samples																																
4		4/11/2016		no samples																																
5	Site 17	4/18/2016	01022	13.09			25.32			8.14			7.45			1.00	1.0	20.50		5	<1						0	1	3	6	0	1	1	1	0	
6	Site 17	5/2/2016	00815	12.01	12.64	12.75	23.21	24.26	24.68	7.93	7.95	7.91	6.68	6.99	7.16	1.10	3.3	8.80		36	21						0	2	3	6	4	4	1	3	2	
7	Site 17	5/31/2016	00737	21.84	21.85	21.80	24.27	24.69	24.55	7.82	7.81	7.63	5.27	5.31	5.26	0.90	2.7	22.30		41	90*	n/a					3	1	n/a	0	4	0	0	3	0	
8		5/9/2016		no samples																																
9		5/16/2016		no samples																																
10	Site 17	6/6/2016	01101	22.54	n/a	n/a	24.51	n/a	n/a	7.94	n/a	n/a	5.72	n/a	n/a	0.40	1.0	26.70		1200	67*		0.010	0.001			3	4	1	6	0					
11	Site 17	6/13/2016	Cancelled due to Wind 6/13/2016																																	
12	Site 17	6/20/2016	01048	23.94	23.91	24.06	25.12	25.19	24.98	8.17	8.15	8.15	6.30	6.18	6.01	0.50	2.5	23.10		150	5						0	3	4	1	1					
13	Site 17	6/27/2016	00750			21.40			22.81				7.49	nta malfunction		0.50	2.1	23.30		1040	380						0	2	5	5	2					
14	Site 17	7/5/2016	Cancelled due to Rain 7/5/2016																																	
15	Site 17	7/11/2016	Too Shallow																																	
16	Site 17	7/18/2016	Cancelled due to Boat Malfunction 7/18/2016																																	
17	Site 17	7/25/2016	Too Shallow																																	
18	Site 17	8/15/2016	01055	28.41			25.79			7.71			3.82	On Bottom				31.74		370	32						0	1	1	1	1	0	0	1	0	
19	Site 17	8/29/2016	01048	26.48			26.42			7.18			3.44		0.50		1.2	28.70		59	5						0	2	3	6	2	1	1	2	0	
20		8/1/2016		no samples																																
21	Site 17	9/12/2016	00813	21.92			25.69			7.36			2.23			0.60	1.1	24.50		63	13		0.030	0.007			0	4	5	6	0					
22	Site 17	9/26/2016	00802	18.06	18.64	18.41	26.84	26.85	26.73	7.20	7.17	7.13	4.02	3.79	3.69	0.90	2.3	28.90		34	8						0	4	5	6	0					
23		8/22/2016		no samples																																
24	Site 17	10/3/2016	01113	17.70			25.58			7.03			3			0.30	0.5	20.40		62	64						0	4	5	6	4					
25		9/6/2016		no samples																																
26	Site 17	10/11/2016	00748	13.55	15.89	16.12	24.58	27.40	27.55	7.20	7.64	7.64	5.54	7.28	7.21	1.70	2.7	10.50		100	32						3	3	6	0						
27		9/19/2016		no samples																																
28	Site 17	10/24/2016		no samples																																
29	Site 17	10/31/2016	trip canceled - weather																																	
30	Site 17																																			
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Friends of the Bay 2016 Water Quality Data - Flowers Oyster Hatchery - Laurel Hollow LH1																																									
	Date	Time	H2O Temp TOP (0.5m)	H2O Temp 1.0 m	H2O Temp 0.5 m from BTM	Salinity TOP	Salinity 1.0 m	Salinity BTM	PH Top	PH 1.0 m	Ph .5 m from BTM	Top DO	DO 1.0 M	BTM DO	Secchi	Depth (meters)	Air Temp	H2O Temp BTM monthly AVG	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate/Nitrite (NO3-NO2)	Total Kjeldahl Nitrogen (TKN)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tidal Stage	Water Color	Surface Conditions	Wave Height	Cloud Cover	Wind Speed	Wind Direction	Weather							
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