	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 2017 Water Quality Data - **Site 1, Cold Spring Cove South**																																			
2		Date	Time	H20 Temp TOP (0.5m)	H20 Temp 1.0 m	H20 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 (°C)	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	Wave Height	Cloud Cover	Wind Speed	Wind Direction	Weather	
3	Site 1	4/3/2017	no WQM																																		
4	Site 1	4/10/2017	00811	7.44	7.41	7.30	26.48	26.54	26.67	9.55	9.54	9.48	11.09	10.89	10.6	1.7	4.0	11.60		10	<1								4	3	0	0	1	1	5	1	CM
5	Site 1	4/17/2017	00805	11.17	11.75	9.77	25.07	25.19	25.10	9.65	9.52	8.51	12.27	10.72	2.36	1.60	5.8	19.50		3	<1								2	3	0	0	2	1	8	3	LD
6	Site 1	4/24/2017	00803	8.98	8.81	8.81	26.08	26.28	26.28	9.57	9.55	9.45	10.66	10.49	10.37		2.0	9.90		14	4							0	4	5	6	0	3	1	4	2	CM
7	Site 1	5/1/2017	00812		12.14	11.69		34.91	36.74							1.2	4.8	10.40		10	3								2	3	6	1	4	1	2	6&3	CM
8	Site 1	5/8/2017	00741	10.00	10.00	10.00	16.40	24.06	24.05				10.41	8.50	11.96	1.8		10.60		6	2								4	3	1	0	0	2	8	1	LD
9	Site 1	5/15/2017	not able to sample at site																																		
10	Site 1	5/22/2017	no WQM - poor weather																																		
11	Site 1	5/30/2017Tu	00838	15.37	15.37	15.34	23.40	23.43	23.67				7.76	7.65	7.65	1.000	3.87	13.4		38.000	15.000							3	2	3	1	1	4	1	5	3	CM
12	Site 1	6/5/2017	01037	17.94	17.91	17.56	24.06	24.41	25.44	7.99	7.92	7.77	7.41	6.75	5.62	0.6	5.50	15.9		77	8								2	5	6	0	4	0	3	3	IH
13	Site 1	6/12/2017	00729	19.10	18.84	17.81	24.45	24.37	24.89	7.82	7.79	7.64	6.49	6.67	5.75	0.8	2.2	25.40		43	10								3	3	1	1	0	0	0	1	IH
14	Site 1	6/19/2017	not able to sample at site																																		
15	Site 1	6/26/2017	00757	21.17	21.22	21.35	24.18	24.39	24.82	7.46	7.41	7.48	3.81	3.50	3.25	1.0	3.2	21.40		640	36							0.205921	3	2	6	0	0	0	8	1	IH
16	Site 1	7/5/2017	00850	22.59	22.32	21.33	24.44	24.78	25.52	7.87	7.79	7.54	6.61	6.20	4.17	1.00	5.1	21.5		230	3							0	4	1	1	0	1	0	3	1	IH
17	Site 1	7/10/2017	00754	22.69	22.21	20.92	24.58	24.64	25.57	7.99	7.82	7.36	7.77	6.10	3.08	1.0	7.1	23.90		77	6							0.13	3	5	6	0	0	0	6	1	IH
18	Site 1	7/17/2017	01049	23.94	23.20	21.55	24.35	25.16	26.16	7.78	7.60	7.30	6.05	4.83	2.06	0.9	4.4	29.60		70	1							0	2	3	6	0	2	1	1	1	IH
19	Site 1	7/24/2017	no WQM - poor weather																																		
20	Site 1	7/31/2017	01043	23.11	22.97	22.21	24.39	24.66	25.97	8.30	8.02	7.34	11.00	8.42	2.66	0.6	4.1	25.60		27	1							0	2	3	6	0	0	0	0	1	IH
21	Site 1	8/7/2017	no WQM - poor weather																																		
22	Site 1	8/14/2017	01018	23.81	23.89	23.99	24.48	24.77	25.40	7.89	7.95	7.46	7.10	7.62	3.39	1.0	2.9	25.20		52	<1								2	1	6	4	2	1	3	3	IH
23	Site 1	8/21/2017	00805	24.53	24.55	24.81	24.86	24.86	25.15	7.58	7.56	7.49	5.07	4.75	4.57	0.7	4.2	21.60		43	17							0	4	3	5	0	1	0	0	1	JM
24	Site 1	8/28/2017	not able to sample at site																																		
25	Site 1	9/5/17Tu	00806	21.54	21.54	21.62	25.74	25.81	26.23	7.32	7.31	7.28	2.71	2.67	2.42	1.1	4.2	22.40		10	1							0	4	5	6	1	3	1	6	3	DE
26	Site 1	9/11/2017	01023	19.93	20.22	20.85	24.13	24.35	25.50	7.84	7.79	7.68	6.62	5.71	5.11	1.8	3.2	18.20		5	<1								4	5	6	1	2	1	8	1	DE
27	Site 1	9/18/2017	no WQM																																		
28	Site 1	9/25/2017	00717	22.04	22.07	22.17	25.76	25.83	26.39	7.41	7.41	7.44	3.74	3.64	4.05	1.2	4.2	17.50		32	8							0	4	3	6	0	1	1	6	1	DE
29	Site 1	10/2/2017	01115	20.06	20.29	20.35	25.19	25.41	26.25	7.72	7.73	7.66	5.20	5	4.16	1.3	5.0	17.90		16	<1							0	2	5	6	0	0	1	1	1	DE
30	Site 1	10/10/17Tu	00740	20.83	20.91	21.29	25.64	25.71	26.43	7.50	7.49	7.51	4.21	4.19	4.12	1.7	3.8	22.80		110	40							2	2	3	6	0	1	1	1	2	DE
31	Site 1	10/16/2017	no WQM - poor weather																																		
32	Site 1	10/23/2017	00946	17.55	17.61	17.98	26.00	26.14	26.65	8.04	8.06	8.01	7.05	6.85	6.56	1.7	4.7	20.20		8	2							0	4	4	4	1	6	1	4	1	IH
33	Site 1	10/30/2017	no WQM - poor weather																																		

	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 2017 Water Quality Data **- Site 2, Cold Spring Cove North**																																			
2		Date	Time	H20 Temp TOP (0.5m)	H20 Temp 1.0 m	H20 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	Wave Height	Cloud Cover	Wind Speed	Wind Direction	Weather	
3	Site 2	4/3/2017	no WQM - boat not ready																																		
4	Site 2	4/10/2017	00822	7.23	7.32	7.30	26.74	26.61	26.61	9.53	9.55	9.56	9.93	10.97	11.07	1.8	9.3	13.1		4	<1								4	3	0	0	1	1	5	1	CM
5	Site 2	4/17/2017	00821	12.45	11.73	10.57	24.37	25.25	25.61	9.63	9.63	9.57	12.14	11.24	10.25	1.2	5.6	18.9		33	2								2	3	6	0	3	1	8	3	LD
6	Site 2	4/24/2017	00815	9.67	9.15	8.44	25.43	25.88	26.53	9.65	9.64	9.54	11.03	10.66	9.36		7.5	10.3		11	7							0.000	4	5	6	0	3	0		3	CM
7	Site 2	5/1/2017	00836	12.25	12.01	11.69	35.26	25.81	36.95							1.4	4.5	10.1		27	9								2	3	6	1	4	1	2	3&6	CM
8	Site 2	5/8/2017	00757	12.5	12.46	13.70	25.17	25.67	27.48				8.25	8.26	8.24	1.6		10.7		8	5								4	3	1	0	0	1	8	1	LD
9	Site 2	5/15/2017	not able to sample at site																																		
10	Site 2	5/22/2017	no WQM - poor weather																																		
11	Site 2	5/30/2017 Tu	00848	15.34	15.33	15.35	23.81	23.18	23.68				7.99	7.78	7.7	0.8	5.3	13.8		83	13							3	2	3	1	1	4	1	4	3	CM
12	Site 2	6/5/2017	01024	17.80	17.73	17.49	24.82	25.1	25.51	7.89	7.86	7.8	6.57	6.34	5.72	0.7	6.6	15.5		37	13								2	5	6	1	4	1	3	3	IH
13	Site 2	6/12/2017	00742	18.27	17.69	17.42	24.36	24.68	17.51	7.87	7.73	7.71	6.62	5.95	5.53	0.9	4.5	26.5		320	13								3	3	1	0	0	0	0	1	IH
14	Site 2	6/19/2017	not able to sample at site																																		
15	Site 2	6/26/2017	00810	21.11	21.11	21.06	23.9	25.09	25.09	7.58	7.31	7.37	4.74	3.11	2.91	1.1	4.8	22.4		710	100							0.205921	0	4	6	0	0	0	8	1	IH
16	Site 2	7/5/2017	00801	22.74	22.51	21.09	24.38	24.86	25.72	7.97	7.86	7.50	7.46	6.28	4.18	0.9	6.5	24.1		48	1							0	4	1	6	0	1	0	3	1	IH
17	Site 2	7/10/2017	00810	22.02	21.71	20.96	24.49	24.69	25.72	7.91	7.73	7.42	6.60	5.21	3.33	1.2	5.3	24.4		84	13							0.13	3	5	6	0	0	0	6	1	IH
18	Site 2	7/17/2017	01039	22.48	22.29	21.67	25.35	25.55	25.74	7.50	7.48	7.36	3.99	3.54	2.78	1.0	2.8	27.4		170	<1							0	2	3	6	0	2	1	1	1	IH
19	Site 2	7/24/2017	no WQM - poor weather																																		
20	Site 2	7/31/2017	01033	22.61	22.46	22.21	25.49	25.49	25.90	7.45	7.37	7.36	3.56	3.13	2.68	0.8	4.8	25.2		33	3							0	2	3	6	0	0	0	0	1	IH
21	Site 2	8/7/2017	no WQM - poor weather																																		
22	Site 2	8/14/2017	01009	23.74	23.72	23.79	24.41	25.11	25.40	7.75	7.59	7.48	5.87	5.00	3.76	0.7	4.4	25.4		71	4								2	3	6	0	4	1	2	3	IH
23	Site 2	8/21/2017	00816	24.57	24.58	24.66	24.65	24.79	25.64	7.63	7.61	7.46	5.12	4.86	3.69	0.8	5.4	23.4		40	11							0	4	3	5	0	2	0	0	1	JM
24	Site 2	8/28/2017	not able to sample at site																																		
25	Site 2	9/5/17Tu	00819	21.44	21.45	21.57	25.66	25.73	26.44	7.35	7.36	7.38	3.10	3.05	3.02	1.1	6.2	23.1		21	1							0	4	5	6	1	3	1	6	3	DE
26	Site 2	9/11/2017	01015	20.51	20.52	20.86	24.71	25.21	25.78	7.83	7.73	7.70	5.77	5.62	5.21	1.0	4.1	19.0		15	1								4	5	6	1	2	1	8	1	DE
27	Site 2	9/18/2017	no WQM																																		
28	Site 2	9/25/2017	00728	22.02	22.02	22.06	27.09	26.11	26.53	7.49	7.50	7.53	3.98	4.11	4.32	1.4	5.4	19.1		26	6							0	4	3	6	0	1	1	6	2	DE
29	Site 2	10/2/2017	01100	19.860	20.09	20.49	25.60	26.10	26.54	7.62	7.67	7.75	4.37	4.66	4.87	1.9	6.9	16.5		11	2							0	2	3	6	0	0	1	2	1	DE
30	Site 2	10/10/17Tu	00752	21.21	21.24	21.27	26.22	26.29	26.36	7.64	7.63	7.62	4.68	4.67	4.49	1.9	5.0	22.4		70	60							2	2	2	3	6	0	1	0	0	2	DE
31	Site 2	10/16/2017	no WQM - poor weather																																		
32	Site 2	10/23/2017	00936	17.73	17.89	18.01	26.08	26.51	26.72	8.05	8.06	7.98	6.84	6.68	6.49	1.10	4.80	19.70		5	1							0.000	4	4	6	1	1	1	4	1	IH
33	Site 2	10/30/2017	no WQM - poor weather																																		
34																																					
35																																					
36																																					

	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 2017 Water Quality Data - Site 3, Cold Spring Harbor South																																		
2		Date	Time	H20 Temp TOP (0.5m)	H20 Temp 1.0 m	H20 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	Wave Height	Cloud Cover	Wind Speed	Wind Direction	Weather	
3	Site 3	4/3/2017	no WQM - boat not ready																																	
4	Site 3	4/10/2017	00830	7.35	7.34	7.24	27.02	26 19/20	27.01	9.59	9.60	9.55	11.24	11.26	10.16	2.2	5.0	13.1		1	<1						4	3	0	0	1	1	5	1	CM
5	Site 3	4/17/2017	00830	12.33	12.24	9.16	24.35	25.02	26.02	9.72	9.70	9.55	12.48	11.67	7.60	1.6	4.7	18.7		1	<1						2	3	6	0	3	1	2	3	LD
6	Site 3	4/24/2017	00825	8.75	9.67	8.62	25.86	26.25	26.57	9.72	9.78	9.63	11.76	11.96	10.78		5.7	8.8		2	<1						0	4	5	6	0	3	1	4	3	CM
7	Site 3	5/1/2017	00845	11.93	11.91	11.08	36.282	36.46	37.793							1.3	5.1	12.1		4	<1							2	3	6	1	4	1	2	3&6	CM
8	Site 3	5/8/2017	00806	12.63	12.62	12.55	26.06	26.03	26.15				8.61	8.59	8.58	2.5	5.4	11.7		2	<1							4	3	1	1	0	1	8	1	LD
9	Site 3	5/15/2017	not able to sample at site																																	
10	Site 3	5/22/2017	no WQM - poor weather																																	
11	Site 3	5/30/2017Tu	00857	15.38	15.38	15.12	23.66	23.68	24.15				7.79	7.6	7.49	1.10	4.5	14.3		34	<1						3	2	3	1	1	4	1	4	3	CM
12	Site 3	6/5/2017	01014	17.72	17.75	17.27	25.1	25.17	25.64	7.95	7.96	7.77	7.35	7.39	5.63	0.9	7.8	14.9		11	5							2	5	6	1	4	1	5	3	IH
13	Site 3	6/12/2017	00753	18.27	18.10	17.65	25.19	25.18	25.70	7.86	7.86	7.75	6.63	6.64	5.32	0.9	3.8	27.1		31	1							3	3	1	0	0	1	0	1	IH
14	Site 3	6/19/2017	not able to sample at site																																	
15	Site 3	6/26/2017	00820	21.09	21.01	20.59	24.81	25.08	25.42	7.75	7.67	7.51	5.46	4.94	3.76	1.0	3.6	20.3		460	26						0.205921	3	4	6	2	0	0	8	1	IH
16	Site 3	7/5/2017	00808	22.82	22.67	20.80	25.08	25.15	25.85	8.16	8.10	7.51	8.91	7.76	4.47	0.8	5.3	23.6		43	1						0	4	1	6	2	1	1	2	1	IH
17	Site 3	7/10/2017	00817	21.63	21.55	20.88	25.88	25.95	25.99	7.89	7.86	7.56	6.40	6.24	4.18	1.1	3.8	25.7		75	4						0.13	3	5	6	0	0	0	4	1	IH
18	Site 3	7/17/2017	01028	22.40	22.32	21.35	25.77	25.91	26.30	7.60	7.63	7.47	4.36	4.45	3.03	1.1	4.5	27.7		37	1						0	2	3	6	1	2	1	1	1	IH
19	Site 3	7/24/2017	no WQM - poor weather																																	
20	Site 3	7/31/2017	01024	22.40	22.07	21.19	25.70	25.69	26.17	7.92	7.87	7.41	7.21	6.38	3.26	0.8	4.8	25.0		30	<1						0	2	3	6	0	0	0	0	1	IH
21	Site 3	8/7/2017	no WQM - poor weather																																	
22	Site 3	8/14/2017	01002	24.06	23.85	23.35	25.55	25.75	26.16	7.59	7.62	7.48	4.74	4.69	3.56	0.9	3.9	24.0		14	1							2	3	6	0	4	1	2	3	IH
23	Site 3	8/21/2017	00824	24.51	24.50	24.26	25.49	25.63	26.12	7.70	7.69	7.45	5.46	4.99	3.70	0.8	4.9	24.2		11	1						0	4	3	0	0	2	0	0	1	JM
24	Site 3	8/28/2017	not able to sample at site																																	
25	Site 3	9/5/17Tu	00824	21.43	21.43	21.37	26.37	26.44	26.72	7.56	7.58	7.68	4.66	4.64	5.28	1.4	5.0	23.30		5	1						0	4	5	6	1	3	1	6	3	DE
26	Site 3	9/11/2017	01006	20.77	20.75	21.05	25.85	25.71	26.42	7.86	7.90	7.93	6.67	6.73	6.45	1.0	3.9	19.60		4	<1							4	5	6	2	2	1	8	1	DE
27	Site 3	9/18/2017	no WQM																																	
28	Site 3	9/25/2017	00735	22.14	22.19	21.99	26.40	26.47	26.89	7.68	7.72	7.62	5.25	5.54	4.83	4.6	4.7	20.80		20	2						0	4	3	6	0	1	1	6	2	DE
29	Site 3	10/2/2017	01044	20.17	22.24	20.38	26.18	26.32	26.54	7.91	7.91	7.85	6.62	6.23	5.90	1.6	5.0	17.30		5	1						0	4	5	6	1	0	1	2	1	DE
30	Site 3	10/10/17Tu	00800	21.17	21.18	21.34	26.29	26.36	26.72	7.70	7.70	7.70	5.12	5.12	4.64	1.7	4.1	23.40		60	39						2	2	3	6	0	1	0	1	2	DE
31	Site 3	10/16/2017	no WQM - poor weather																																	
32	Site 3	10/23/2017	00928	17.90	18.16	18.26	26.79	26.79	27.08	8.07	8.05	7.98	7.01	6.81	6.57	1.2	4.0	19.60		3	<1						0	4	4	6	2	1	1	4	1	IH
33	Site 3	10/30/2017	no WQM - poor weather																																	
34																																			
35																																			
36																																			

	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 2017 Water Quality Data - Site 4, Cold Spring Harbor North																																		
2		Date	Time	H20 Temp TOP (0.5m)	H2O Temp 1.0 m	H20 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	Wave Height	Cloud Cover	Wind Speed	Wind Direction	Weather	
3	Site 4	4/3/2017	no WQM - boat not ready																																	
4	Site 4	4/10/2017	00844	7.19	6.85	6.81	26.73	26.79	26.85	9.55	9.51	9.50	10.70	10.64	8.53	2.4	5.9	12.9		2	<1							4	3	0	0	1	1	5	1	CM
5	Site 4	4/17/2017	00840	11.66	11.67	8.83	25.80	25.80	26.21	9.71	9.70	9.58	12.56	12.06	10.92	1.6	5.2	15.8		<1	<1							2	3	6	1	3	1	8	3	LD
6	Site 4	4/24/2017	00835	9.72	9.52	9.28	26.4	26.38	26.37	9.72	9.69	9.66	11.63	11.41	9.91		6.7	9.3		1	<1						0	4	5	6	0	3	1	4	3	CM
7	Site 4	5/1/2017	00855	12.29	12.31	11.43	36.94	37.6	37.14							2.3	5.8	9.9		<1	<1							2		6	1	4	1	2	3&6	CM
8	Site 4	5/8/2017	00820	12.55	12.55	12.49	26.3	26.36	26.38				8.58	8.56	8.56	2.6	5.9	9.6		<1	<1							4	3	1	2	0	2	8	1	LD
9	Site 4	5/15/2017	not able to sample at site																																	
10	Site 4	5/22/2017	no WQM - poor weather																																	
11	Site 4	5/30/2017Tu	00906	15.47	15.46	14.49	24.03	24.03	24.16				8.88	8.61	8.31	1.7	5	14.2		2	<1						3	2	3	1	1	4	1	4	3	CM
12	Site 4	6/5/2017	01006	17.22	17.1	15.78	25.57	25.63	25.99	7.94	7.95	7.86	7.1	7.01	6.41	1.0	6.8	15.1		1	<1							2	5	6	2	4	1	3	3	IH
13	Site 4	6/12/2017	00802	19.51	19.22	17.24	25.38	25.43	25.78	8.09	8.10	7.72	8.44	8.42	5.15	1.2	4.4	26.9		10	<1							3	3	1	0	0	0	0	1	IH
14	Site 4	6/19/2017	not able to sample at site																																	
15	Site 4	6/26/2017	00829	21.52	21.50	19.39	25.17	25.10	25.89	8.01	8.00	7.62	7.13	6.99	4.35	1.7	2.3	22.6		9	<1						0.205921	3	4	6	2	0	0	8	1	IH
16	Site 4	7/5/2017	00816	23.04	23.01	17.78	25.72	25.72	26.43	8.13	8.13	7.65	8.67	8.17	4.78	0.9	6.5	23.2		1	1						0	4	1	6	2	1	1	2	1	IH
17	Site 4	7/10/2017	00827	22.33	22.33	20.90	25.7	25.77	26.2	8.11	8.16	7.74	8.24	7.69	5.29	1.4	4.8	26.3		15	<1						0.13	3	3	6	0	0	0	3	1	IH
18	Site 4	7/17/2017	01018	23.90	23.59	20.76	25.96	26.10	26.48	8.05	8.04	7.39	7.66	6.42	2.53	0.8	5.2	27.1		3	<1						0	2	3	6	0	2	1	1	1	IH
19	Site 4	7/24/2017	no WQM - poor weather																																	
20	Site 4	7/31/2017	01014	22.92	22.66	21.74	26.07	26.13	26.45	7.94	7.85	7.59	7.10	6.55	4.05	1.3	5.6	23.0		1	1						0	2	3	6	0	0	0	0	1	IH
21	Site 4	8/7/2017	no WQM - poor weather																																	
22	Site 4	8/14/2017	00953	24.18	24.07	23.14	26.12	26.19	26.43	7.97	7.96	7.61	7.17	6.04	4.41	1.4	4.7	24.0		<1	<1						0	2	3	6	1	3	1	2	2	IH
23	Site 4	8/21/2017	00832	24.47	24.43	24.24	26.06	26.46	26.49	7.87	7.84	7.69	6.41	6.32	5.28	1.2	5.6	25.6		1	<1						0	4	3	0	0	2	0	0	1	JM
24	Site 4	8/28/2017	not able to sample at site																																	
25	Site 4	9/5/17Tu	00833	21.48	21.48	21.38	26.65	26.65	26.79	7.82	7.82	7.73	6.12	6.14	5.63	1.9	5.7	23.3		1	<1						0	4	3	6	1	3	1	6	3	DE
26	Site 4	9/11/2017	00958	20.51	20.61	20.95	26.19	26.27	26.7	8.2	8.17	7.88	8.80	8.70	6.89	2.0	4.7	19.5		<1	<1							3	5	6	2	2	1	8	1	DE
27	Site 4	9/18/2017	no WQM																																	
28	Site 4	9/25/2017	00746	22.39	22.41	21.99	26.55	26.62	27.03	7.97	7.96	7.70	7.27	7.12	5.82	2.6	4.9	21.20		2	1						0	4	3	6	0	1	0	-	2	DE
29	Site 4	10/2/2017	01032	20.89	20.89	20.92	26.91	26.91	27.06	7.9	7.91	7.84	6.24	6.18	5.98	3.2	6.6	17.10		<1	<1						0	2	3	6	1	0	1	2	1	DE
30	Site 4	10/10/17Tu	00809	21.32	21.33	21.34	26.86	26.79	27.00	7.84	7.84	7.80	5.87	5.83	5.66	1.9	4.8	24.20		8	1						0	2	2	3	6	0	1	1	1	2	DE
31	Site 4	10/16/2017	no WQM - poor weather																																	
32	Site 4	10/23/2017	00920	18.14	18.14	18.48	26.94	26.94	27.24	8.15	8.15	8.04	7.47	7.33	6.40	2.4	4.7	19.10		<1	<1						0	4	4	6	2	1	1	4	1	IH
33	Site 4	10/30/2017	no WQM - poor weather																																	
34																																			
35																																			
36																																			

	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
1		Friends of the Bay 2017 Water Quality Data - Site 5, Plum Point																																	
2		Date	Time	H20 Temp TOP (0.5m)	H20 temp 1.0 m	H20 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	Wave Height	Cloud Cover	Wind Speed	Wind Direction	Weather
3	Site 5	4/3/2017	no WQM - boat not ready																																
4	Site 5	4/10/2017	00855	6.99	7.00	7.10	26.72	26.72	26.80	9.53	9.51	9.61	10.81	10.96	10.93	1.70	10.0	14.1		<1	<1							4	3	0	0	1	2	6	1
5	Site 5	4/17/2017	00849	10.61	10.49	9.62	25.96	26.01	26.05	9.62	9.70	9.60	11.69	11.72	11.38	1.70	10.0	17.2		<1	<1							2	3	6	1	3	1	8	3
6	Site 5	4/24/2017	00842	9.28	9.11	9.40	26.09	26.30	26.45	9.73	9.73	9.67	11.83	11.71	11.13		12.7	9.8		<1	<1						0.000	4	5	6	0	3	1	4	3
7	Site 5	5/1/2017	00907	12.24	12.25		36.47	37.37								1.7	13.5	10.5		1	<1							2	2	6	1	4	1	2	6
8	Site 5	5/8/2017	00836	11.66	11.63	11.64	26.44	26.49	26.44				8.53	8.54	8.53	2.8		9.3		<1	2							4	3	1	1	0	1	8	1
9	Site 5	5/15/2017	not able to sample at site																																
10	Site 5	5/22/2017	no WQM - poor weather																																
11	Site 5	5/30/2017Tu	00914	15.79	15.79	15.76	24.03	24.02	24.02				8.22	8.22	8.32	1.1	10.0	14.2		2	<1						3	2	3	1	1	4	1	4	3
12	Site 5	6/5/2017	00956	17.20	17.58	16.57	25.64	25.70	25.80	7.83	7.86	7.87	6.31	6.43	6.44	0.70	1.00	14.7		2	<1							1	5	6	3	4	1	2	3
13	Site 5	6/12/2017	00815	19.01	18.88	18.45	25.64	25.56	25.69	7.92	7.9	7.91	7.04	7.17	6.96	1.2	14.1 (est.)	26.1		1	<1							3	3	1	0	0	0	0	1
14	Site 5	6/19/2017	00917	19.47	19.46	18.69	25.73	25.72	25.77	7.80	7.80	7.71	6.05	5.90	5.57	1.2	9.1	26.8		4	1							2	5	6	1	2	1	6	2
15	Site 5	6/26/2017	00837	21.34	21.46	20.25	25.31	25.31	25.48	7.2	7.78	7.76	5.62	5.6	5.5	0.9	9.5	22.3		5	<1						0.205921	3	3	6	2	0	0	8	1
16	Site 5	7/5/2017	00825	21.81	21.84	19.79	25.89	25.96	26.16	7.96	7.95	7.76	7.28	7.24	5.79	1.2	10.5	22.7		3	<1						0	4	4	6	2	1	1	2	1
17	Site 5	7/10/2017	00836	21.67	21.62	21.48	26.09	26.09	26.16	7.84	7.84	7.84	6.31	6.30	6.09	1.2	>10	25.9		3	4						0.13	4	3	6	0	0	0	3	1
18	Site 5	7/17/2017	01007	23.05	22.97	22.37	26.15	26.14	26.19	7.88	7.80	7.70	6.00	5.73	5.15	1.2	>10	26.6		6	<1						0	2	3	6	1	2	1	1	1
19	Site 5	7/24/2017	no WQM - poor weather																																
20	Site 5	7/31/2017	01003	22.15	22.14	22.05	26.33	26.33	26.32	7.56	7.56	7.55	4.71	4.61	4.49	1.4	10.4	27.1		<1	<1						0	2	3	6	0	0	0	0	1
21	Site 5	8/7/2017	no WQM - poor weather																																
22	Site 5	8/14/2017	00947	23.89	23.87	23.87	26.18	26.18	26.18	7.69	7.69	7.74	5.12	5.15	5.23	1.1	>10	24.2		2	1							2	3	6	1	3	1	2	2
23	Site 5	8/21/2017	00840	24.22	24.24	24.17	26.19	26.19	26.12	7.56	7.57	7.59	4.63	4.51	4.73	1.6	10.0	26.3		2	<1						0	4	3	6	0	2	0	0	1
24	Site 5	8/28/2017	00935	23.56	22.54	22.85	26.45	26.62	26.92	7.73	7.71	7.60	5.56	5.44	4.35	1.0	10.5	20.7		1	<1						0	2	3	6	3	2	2	2	1
25	Site 5	9/5/17Tu	00840	21.26	21.26	21.24	26.72	26.71	26.79	7.69	7.70	7.77	5.38	5.39	5.18	2.0	10.0	22.7		3	<1						0	4	5	6	1	4	2	6	3
26	Site 5	9/11/2017	00951	20.76	20.76	20.75	26.55	26.55	26.55	7.87	7.89	7.86	6.57	6.54	6.65	2.5	10.5	18.6		4	<1							3	5	6	1	2	1	8	1
27	Site 5	9/18/2017	no WQM																																
28	Site 5	9/25/2017	00752	22.28	22.28	22.29	26.76	26.83	26.76	7.86	7.87	7.95	6.79	6.83	6.81	2.4	10.0	21.9		6	1						0	4	3	6	0	0	0	-	1
29	Site 5	10/2/2017	01013	20.80	20.79	20.75	26.91	26.91	27.05	7.85	7.87	7.81	6.02	6.00	5.73	2.9	10.0	16.8		2	<1						0	2	5	6	2	0	1	2	1
30	Site 5	10/10/17Tu	00816	21.44	21.46	21.46	26.86	26.86	26.79	7.77	7.80	7.84	5.62	5.62	5.72	2.40	10.5	24.5		12	4						2	2	3	6	1	1	1	1	2
31	Site 5	10/16/2017	no WQM - poor weather																																
32	Site 5	10/23/2017	00912	18.33	18.32	18.33	27.16	27.16	27.16	8.05	8.05	8.04	7.01	7.02	6.95	2.6		19.4		5	<1						0	4	4	6	2	1	1	4	1
33	Site 5	10/30/2017	no WQM - poor weather																																
34																																		
35																																		

	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 2017 Water Quality Data - **Site 6, Seawanhaka Yacht Club PSTP outfall**																																		
2		Date	Time	H20 Temp TOP (0.5m)	H20 Temp 1.0 m	H20 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	Wave Height	Cloud Cover	Wind Speed	Wind Direction	Weather	
3	Site 6	4/3/2017	no WQM - boat not ready																																
4	Site 6	4/10/2017	00901	7.11	7.10	7.09	26.87	26.80	26.80	9.52	9.54	9.51	10.76	10.78	10.68	1.6	6.00	13.6		<1	<1							4	3	0	1	1	1	6	1	CM
5	Site 6	4/17/2017	00857	9.93	9.93	9.61	25.99	25.99	26.05	9.62	9.62	9.62	11.64	11.60	11.10	1.7	5.10	18.7		<1	<1							2	3	6	1	3	0		3	LD
6	Site 6	4/24/2017	00849	9.88	9.73	9.71	26.33	26.33	26.33	9.72	9.7	9.71	11.22	11.34	10.90		6.60	10.7		3	<1						0	4	5	6	0	3	1	4	3	CM
7	Site 6	5/1/2017	00914	12.19	12.19	12.14	37.33	37.42	37.41							1.8		10.3		6	3							2	3	6	1	4	1	2	6	CM
8	Site 6	5/8/2017	00844	12.69	12.70	12.54	26.40	26.37	26.43				8.19	8.18	8.19	2.5	6.10	9.9		<1	<1							4	3	1	0	0	1	8	1	LD
9	Site 6	5/15/2017	not able to sample at site																																
10	Site 6	5/22/2017	no WQM - poor weather																																
11	Site 6	5/30/2017 T	00922	15.88	15.84	15.75	23.99	23.99	24.05				8.27	8.28	8.31	1.3	4.85	13.9		6	<1						3	2	3	1	1	4	1	4	3	CM
12	Site 6	6/5/2017	00949	17.47	17.47	17.19	25.58	25.51	25.57	7.88	7.87	7.83	6.72	6.70	6.30	1.0	8.1	15.3		2	<1							1	5	6	2	4	1	4	3	IH
13	Site 6	6/12/2017	00823	18.96	18.88	18.82	25.64	25.64	25.63	7.90	7.90	7.91	7.14	7.04	6.96	1.1	5.3	28.6		<1	<1							3	3	1	0	0	0	0	1	IH
14	Site 6	6/19/2017	00908	19.30	19.28	19.13	25.72	25.72	25.71	7.82	7.81	7.78	6.08	6.09	5.66	1.2	6.1	27.6		14	<1							2	3	6	1	1	1	6	1	IH
15	Site 6	6/26/2017	00844	21.55	21.44	20.42	25.32	25.31	25.41	7.29	7.78	7.73	5.74	5.70	5.28	1.1	6.6	22.3		4	<1						0.205921	3	4	6	2	0	0	8	1	IH
16	Site 6	7/5/2017	00832	22.26	22.23	22.00	25.76	25.38	25.82	7.84	7.94	7.83	6.49	6.50	6.32	1.1	2.7	23.5		4	<1						0	4	4	6	1	1	1	2	1	IH
17	Site 6	7/10/2017	00843	21.85	21.66	21.43	26.03	26.03	26.16	7.81	7.89	7.64	6.10	5.98	5.23	1.3	4.0	26.9		<1	<1						0.13	4	3	6	0	0	0	3	1	IH
18	Site 6	7/17/2017	01000	23.32	23.18	22.22	26.09	26.15	26.26	7.88	7.88	7.68	6.32	6.35	4.98	1.3	5.5	26.9		4	<1						0	2	3	6	0	2	1	1	1	IH
19	Site 6	7/24/2017	no WQM - poor weather																																
20	Site 6	7/31/2017	00957	22.54	22.46	22.09	26.28	26.36	26.32	7.73	7.65	7.52	5.82	5.45	4.61	1.5	6.5	26.5		1	<1						0	2	3	6	0	0	0	0	1	IH
21	Site 6	8/7/2017	no WQM - poor weather																																
22	Site 6	8/14/2017	00935	23.97	23.94	23.74	26.25	26.25	26.24	7.69	7.70	7.66	5.34	5.37	5.15	1.4	4.5	24.1		3	1							2	3	6	1	3	1	2	2	IH
23	Site 6	8/21/2017	00851	24.37	24.37	24.33	26.13	26.04	26.12	7.64	7.61	7.62	4.93	4.92	4.80	1.2	5.9	28.1		1	2						0	4	3	6	0	2	0	0	1	JM
24	Site 6	8/28/2017	00926	23.62	23.59	23.21	26.45	26.38	26.58	7.71	7.71	7.61	5.67	5.46	4.78	1.1	6.8	19.4		1	<1						0	2	3	6	3	2	2	2	1	JM
25	Site 6	9/5/17Tu	00848	21.30	21.30	21.29	26.65	26.64	26.72	7.70	7.71	7.65	5.47	5.50	5.27	2.0	5.8	22.8		3	<1						0	4	5	6	1	3	1	6	3	DE
26	Site 6	9/11/2017	00945	20.88	20.87	20.82	26.63	26.63	26.63	7.93	7.90	7.88	6.90	6.94	6.73	2.5	4.4	18.7		1	<1							3	5	6	2	2	1	8	1	DE
27	Site 6	9/18/2017	no WQM																																
28	Site 6	9/25/2017	00800	22.27	22.27	22.17	26.76	26.83	27.11	7.86	7.84	7.69	6.43	6.43	5.80	3.0	4.8	22.4		4	<1						0	4	3	6	0	0	0	-	1	DE
29	Site 6	10/2/2017	01000	20.79	20.81	20.83	26.91	26.91	26.98	7.87	7.85	7.82	6.00	6.03	5.83		7.1	16.6		1	<1						0	1	3	6	1	0	1	2	1	DE
30	Site 6	10/10/17Tu	823	21.44	21.44	21.42	27.01	27.01	26.86	7.80	7.80	7.80	5.59	5.66	5.61	2.9	5.1	25.2		5	4						2	2	3	6	1	1	0	0	2	DE
31	Site 6	10/16/2017	no WQM - poor weather																																
32	Site 6	10/23/2017	00904	18.39	18.38	18.29	27.09	27.23	27.16	8.05	8.05	7.98	6.97	7.02	6.71	2.3	4.6	19.3		1	<1						0	4	5	6	1	1	1	2	1	IH
33	Site 6	10/30/2017	no WQM - poor weather																																
34																																			
35																																			
36																																			

	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 2017 Water Quality Data - **Site 7, Oyster Bay Cove**																																		
2		Date	Time	H20 Temp TOP (0.5m)	H20 Temp 1.0 m	H20 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	Wave Height	Cloud Cover	Wind Speed	Wind Direction	Weather	
3	Site 7	4/3/2017	no WQM - boat not ready																																	
4	Site 7	4/10/2017	00912	7.44	7.55	7.49	26.75	26.75	26.80	9.56	9.57	9.55	10.44	10.85	10.65	2.0	2.3	13.3		5	<1							4	3	0	1	1	0	6	1	CM
5	Site 7	4/17/2017	00910	13.64			25.41			9.56			9.72			1.2	1.4	16.9		49	<2							2	3	6	1	3	1	8	3	LD
6	Site 7	4/24/2017	00904	10.25	10.00	9.84	26.22	26.14	26.26	9.74	9.73	9.70	11.27	11.15	10.48		3.4	11.7		16	<1						0.000	4	5	6	0	3	0		3	CM
7	Site 7	5/1/2017	00924	12.47	12.34		36.66	36.79								1.8	1.8	11.9		64	17							2	3	6	0	4	1	2	6	CM
8	Site 7	5/8/2017	00856	12.74	12.76	12.77	26.08	26.13	26.15				8.25	8.25	8.30	2.0	2.25	10.5		10	<1							4	3	1	1	1	1	8	1	LD
9	Site 7	5/15/2017	not able to sample at site																																	
10	Site 7	5/22/2017	no WQM - poor weather																																	
11	Site 7	5/30/2017 Tu	00932	15.94	15.93		23.69	23.95					7.96	8.17		1.0	1.62	14.2		38	14						3	2	3	1	1	4	1	4	3	CM
12	Site 7	6/5/2017	00939	17.87	17.81	17.80	25.45	25.45	25.53	7.86	7.86	7.79	6.8	6.72	6.38	0.9	3.6	15.1		15	3							1	5	6	1	4	1	1	3	IH
13	Site 7	6/12/2017	00840	19.61	19.02		25.45	25.51		7.77	7.79		6.26	6.34		1.1	1 (best gue	26.3		109	2							3	3	1	0	0	0	0	1	IH
14	Site 7	6/19/2017	00026	19.94	19.90	18.77	25.68	25.67	25.77	7.70	7.73	7.61	5.70	5.62	5.04	1.2	2.8	25.6		10	3							2	3	6	1	1	2	6	1	IH
15	Site 7	6/26/2017	00856	21.89			24.98			7.63			5.13			1.2	0.6	23.0		49	8						0.205921	4	4	6	0	0	0	8	1	IH
16	Site 7	7/5/2017	00844	22.68	22.72	22.19	25.71	25.71	25.69	7.88	7.88	7.73	6.77	6.65	5.55	1.4	3.3	23.2		4	<1						0	4	4	6	2	1	1	2	1	IH
17	Site 7	7/10/2017	00900	22.02		26.04				7.67			5.62			0.7	0.9	24.9		5	<1						0.13	4	5	6	0	0	1	6	1	IH
18	Site 7	7/17/2017	00950	23.20	23.13		25.94	26.01		7.72	7.67		5.38	4.91		1.1	2.0			13	<1						0	2	3	6	0	2	1	1	1	IH
19	Site 7	7/24/2017	no WQM - poor weather																																	
20	Site 7	7/31/2017	00933	22.69	22.59	22.54	26.06	26.13	26.13	7.73	7.68	7.62	6.00	5.60	5.10	1.0	2.4	24.0		3	<1						0	2	3	6	0	0	0	0	1	IH
21	Site 7	8/7/2017	no WQM - poor weather																																	
22	Site 7	8/14/2017	00920	24.27	24.22		26.12	26.12		7.59	7.59		4.79	4.69		1.0	1.70	23.6		65	<1							2	3	6	0	3	1	2	2	IH
23	Site 7	8/21/2017	00909	24.46	24.44	24.40	25.92	25.99	25.99	7.62	7.62	7.61	5.03	5.00	4.92	0.8	2.4	24.8		14	<1						0	4	3	0	0	2	0	0	1	JM
24	Site 7	8/28/2017	00909	22.99	23.12	23.12	26.00	26.08	26.08	7.46	7.63	7.63	3.77	5.20	5.20	1.1	1.5	19.5		22	1						0	2	3	6	2	2	1	2	1	JM
25	Site 7	9/5/17Tu	00902	21.38	21.38	21.36	26.37	26.44	26.58	7.68	7.65	7.64	5.35	5.30	5.23	1.2	2.4	23.2		8	<1						0	4	3	6	1	3	1	6	3	DE
26	Site 7	9/11/2017	00927	20.48			26.12			7.82			6.56			Bottom	0.8	18.6		21	<1							3	4	6	2	2	1	8	1	DE
27	Site 7	9/18/2017	no WQM																																	
28	Site 7	9/25/2017	00819	22.09	22.28		26.54	26.61		7.74	7.74		6.16	6.20		1.8	1.5	22.1		69	15						0	4	3	6	0	0	0	-	1	DE
29	Site 7	10/2/2017	00937	19.60	19.72	19.82	26.44	26.51	26.59	7.87	7.87	7.84	5.96	6.03	5.92	2.20	2.9	15.6		53	5						0	1	5	6	1	0	1	1	1	DE
30	Site 7	10/10/17Tu	00840	21.50			26.58			7.67			5.03			Bottom	1.0	24.7		270	32						2	2	2	3	6	1	2	1	1	2	DE
31	Site 7	10/16/2017	no WQM - poor weather																																	
32	Site 7	10/23/2017	00853	17.40	17.40		26.99	26.92		7.98	7.99		6.69	6.64		Bottom	1.5	18.6		21	2						0	4	5	6	1	2	1	4	1	IH
33	Site 7	10/30/2017	no WQM - poor weather																																	
34																																			
35																																			
36																																			

	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 2017 Water Quality Data - **Site 8, Oyster Bay STP at White's Creek**																																		
2		Date	Time	H20 Temp TOP (0.5m)	H20 Temp 1.0 m	H20 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 (°C)	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	Wave Height	Cloud Cover	Wind Speed	Wind Direction	Weather	
3	Site 8	4/3/2017	no WQM - boat not ready																																
4	Site 8	4/10/2017	00920	7.59	7.58	7.38	26.69	26.69	26.75	9.56	9.56	9.57	10.95	10.83	10.83	1.90	2.70	15.2		1	<1							4	3	0	1	1	0	6	1	CM
5	Site 8	4/17/2017	00917	11.42	11.41		25.93	25.93		9.64	9.63		11.51	11.11		1.80	1.70	17.7		<1	<1							2	3	6	1	3	1	8	3	LD
6	Site 8	4/24/2017	00913	10.29	10.23	9.93	26.22	26.21	26.2	9.74	9.74	9.71	11.5	11.42	11.05		3.5	11.2		<1	<1						0.000	4	5	6	0	3	1	8	3	CM
7	Site 8	5/1/2017	00936	12.34	12.34		36.56	36.42								1.70	1.7	12.1		6	2							2	2	6	0	4	0	2	6	CM
8	Site 8	5/8/2017	00907	12.96	12.96		26.08	26.08					8.07	8.06		1.90		9.6		3								4	3	1	2	2	2	8	1	LD
9	Site 8	5/15/2017	not able to sample at site																																
10	Site 8	5/22/2017	no WQM - poor weather																																
11	Site 8	5/30/2017 T	00940	15.83	15.65		23.90	23.94					8.12	8.23		1.00		14.2		12	6						3	2	3	1	1	4	1	4	3	CM
12	Site 8	6/5/2017	00929	17.71	17.72	17.77	25.17	25.31	25.45	7.79	7.80	7.83	6.36	6.43	6.6	1.40	3.2	14.4		19	6							1	5	6	2	4	1	4	3	IH
13	Site 8	6/12/2017	00850	18.93	18.78		25.51	25.63		7.89	7.9		7.08	7.18		1.2	1	28.7		12	<1							3	3	1	0	0	0	7	1	IH
14	Site 8	6/19/2017	00852	19.43	19.42	19.14	25.59	25.66	25.65	7.72	7.74	7.74	5.63	5.71	5.72	1.10	1.8	26.8		36	8							2	3	6	1	0	2	6	1	IH
15	Site 8	6/26/2017	00913	21.78			25.11			7.78			5.84			1.2	1.1	23.2		23	<1						0.205921	4	4	6	1	0	0	8	1	IH
16	Site 8	7/5/2017	00851	22.56	22.56	21.66	25.63	25.63	25.88	7.88	7.89	7.68	6.71	6.64	5.46	1.20	3.3	23.9		3	<1						0	4	4	6	2	1	1	2	1	IH
17	Site 8	7/10/2017	00909	21.86	21.84	21.82	26.03	26.03	26.03	7.84	7.79	7.76	6.51	6.15	6.03	1.30	1.8	26.9		2	<1						0.13	4	3	6	0	1	1	6	1	IH
18	Site 8	7/17/2017	00942	23.20	22.83	22.71	26.01	26.07	26.06	7.69	7.56	7.53	5.08	4.25	3.94	1.80	2.1	24.3		19	1						0	2	3	6	1	2	1	1	1	IH
19	Site 8	7/24/2017	no WQM - poor weather																																
20	Site 8	7/31/2017	00926	22.57	22.52	22.41	26.13	26.13	26.26	7.64	7.63	7.55	5.43	5.18	4.43	0.90	2.9	23.7		6	2						0	2	3	6	0	0	0	0	1	IH
21	Site 8	8/7/2017	no WQM - poor weather																																
22	Site 8	8/14/2017	00907	24.07			26.19			7.62			5.18			1.10	1.3	23.1		5	<1							2	3	6	0	4	1	2	3	IH
23	Site 8	8/21/2017	00921	24.56	24.53	24.48	25.99	25.99	25.99	7.73	7.71	7.65	5.57	5.38	5.14	0.80	2.6	26.5		5	1						0	4	3	0	0	3	0	0	1	JM
24	Site 8	8/28/2017	00856	23.52	23.64	23.70	26.09	26.24	26.31	7.65	7.67	7.56	5.27	5.25	4.63	1.00	2.3	20.5		23	2						0	2	5	6	1	3	1	3	2	JM
25	Site 8	9/5/17Tu	00915	21.28	21.25	21.20	26.57	26.57	26.57	7.70	7.68	7.64	5.40	5.27	5.29	1.70	2.6	24.2		12	<1						0	4	5	6	1	3	1	6	3	DE
26	Site 8	9/11/2017	00911	20.72			26.41			7.82			6.50			1.2	1.20	18.7		9	<1						0	3	4	6	1	2	1	8	1	DE
27	Site 8	9/18/2017	no WQM																																
28	Site 8	9/25/2017	00830	22.44	22.46		26.76	26.83		7.77	7.80		6.31	6.40		1.90	1.6	22.9		9	<1						0	4	3	6	0	0	0	-	1	DE
29	Site 8	10/2/2017	00922	20.01	19.97	20.36	26.59	26.52	26.68	7.88	7.88	7.85	6.17	6.13	5.93	2.20	3.4	16.3		8	1						0	1	5	6	1	0	1	1	1	DE
30	Site 8	10/10/17Tu	00850	21.35	21.37		26.72	26.72		7.74	7.72		5.49	5.57		1.70	1.6	24.9		36	12						2	2	3	6	1	1	1	6	2	DE
31	Site 8	10/16/2017	no WQM - poor weather																																
32	Site 8	10/23/2017	00839	18.12			26.79			8.01			6.67			Bottom	1.0	18.2		12	2						0	3	5	6	0	2	0	0	1	IH
33	Site 8	10/30/2017	no WQM - poor weather																																
34																																			
35																																			
36																																			

	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 2017 Water Quality Data - **Site 9, Roosevelt Beach**																																		
2		Date	Time	H20 Temp TOP (0.5m)	H20 Temp 1.0 m	H20 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	Wave Height	Cloud Cover	Wind Speed	Wind Direction	Weather	
3	Site 9	4/3/2017	no WQM - boat not ready																																	
4	Site 9	4/10/2017	00952	7.4	7.37	7.34	26.75	26.81	26.75	9.58	9.59	9.59	11.01	10.95	10.94	2.00	2.70	20.2		2	<1							4	3	0	0	1	1	6	1	CM
5	Site 9	4/17/2017	00945	11.18	11.07		25.99	25.98		9.62	9.62		11.47	11.24		1.50	1.50	18.8		<1	<1							2	3	6	1	3	1	8	3	LD
6	Site 9	4/24/2017	00941	9.94	9.90	9.84	26.34	26.34	26.33	9.71	9.71	9.72	11.31	11.33	10.96		3.60			1	<1						0.000	4	5	6	0	3	1	8	3	CM
7	Site 9	5/1/2017	01004	12.75	12.74		36.64	36.73								1.60	1.60	12.8		<1	3							1	3	6		4		2		CM
8	Site 9	5/8/2017																																		
9	Site 9	5/15/2017	00900	13.66		13.62	25.78		25.82				8.70		8.68	1.0	1.5	15.5		3	<1							2	3	1	4	4	2	8	3	CM
10	Site 9	5/22/2017	no WQM - poor weather																																	
11	Site 9	5/30/2017Tu	01008	16.06			23.86						8.36			1.2	1.5	14.7		3	<1						3	2	3	1	1	4	1	4	3	CM
12	Site 9	6/5/2017	00858	17.70	17.70	17.71	25.45	25.45	25.52	7.78	7.81	7.85	6.45	6.53	6.58	1.5	3.0	14.6		21	7							4	5	6	2	4	1	2	3	IH
13	Site 9	6/12/2017	00917			18.89			25.56			7.86			6.72	1.2		30.1		4	1							3	3	1	0	0	0	1	1	IH
14	Site 9	6/19/2017	00843	19.68	19.65	19.01	25.67	25.66	25.71	7.69	7.66	7.61	5.45	5.37	5.17	1.0	2.4	26.8		4	1							4	3	6	1	0	2	6	1	IH
15	Site 9	6/26/2017	00945	21.51			25.24			7.73			5.34			0.9	0.9	27.7		24	6						0.205921	4	4	5	0	0	0	8	1	IH
16	Site 9	7/5/2017	00924	22.47	22.35	22.00	25.63	25.63	25.75	7.80	7.81	7.79	6.22	6.11	6.03	1.1	3.1	23.1		23	<1						0	4	4	6	2	1	0	1	1	IH
17	Site 9	7/10/2017	00937	21.88	21.86		26.03	26.03		7.74	7.73		5.91	5.91		0.7	1.5	26.2		6	1						0.13	4	3	6	1	2	1	6	1	IH
18	Site 9	7/17/2017	00918	22.82	22.83	22.79	26.07	26.14	26.14	7.65	7.65	7.63	4.75	4.72	4.69	1.1	2.2	25.4		2	2						0	2	3	6	1	2	1	1	1	IH
19	Site 9	7/24/2017	no WQM - poor weather																																	
20	Site 9	7/31/2017	00918	22.53	22.49	22.47	26.06	26.06	26.45	7.60	7.57	7.56	5.05	4.93	4.81	0.9	2.40	22.3		1	1						0	2	3	6	0	0	0	0	1	IH
21	Site 9	8/7/2017	no WQM - poor weather																																	
22	Site 9	8/14/2017	00856	24.06	24.05		26.11	26.11		7.61	7.59		4.96	4.79		1.3	1.50	23.9		1	1							2	3	6	0	4	0	0	3	IH
23	Site 9	8/21/2017	00943	24.64	24.62	24.62	26.07	26.06	26.06	7.65	7.65	7.65	5.16	5.13	5.07	1.0	2.90	28.8		2	<1						0	4	3	6	0	3	1	7	1	JM
24	Site 9	8/28/2017	00831	23.82	23.83	23.82	26.18	26.25	26.65	7.65	7.65	7.63	5.23	5.21	5.21	1.1	2.30	19.4		9	<1						0	2	5	6	1	3	1	1	2	JM
25	Site 9	9/5/17Tu	00941	21.27	21.28	21.26	26.65	26.57	26.57	7.69	7.66	7.68	5.34	5.35	5.31	1.7	2.90	26.7		2	<1						0	4	4	6	2	1	1	6	1	DE
26	Site 9	9/11/2017	00849	20.68	20.68	20.68	26.48	26.55	26.48	7.84	7.84	7.03	6.51	6.48	6.59	1.5	1.50	18.0		6	<1						0	2	3	6	0	1	1	6	2	DE
27	Site 9	9/18/2017	no WQM																																	
28	Site 9	9/25/2017	00900	22.47			26.62			7.78			6.49			Bottom	1.30	24.6		5	<1						0	4	5	6	0	0	0	0	1	DE
29	Site 9	10/2/2017	00912	20.50	20.52	20.52	26.68	26.68	26.76	7.84	7.84	7.82	5.94	5.95	5.88	2.4	3.20	16.8		1	<1						0	4	5	6	2	0	1	2	1	DE
30	Site 9	10/10/17Tu	00914	21.43			26.72			7.75			5.63			1.1 bottom	1.10	25.6		17	1						2	2	5	6	2	1	1	8	2	DE
31	Site 9	10/16/2017	no WQM - poor weather																																	
32	Site 9	10/23/2017	00814	18.08	18.08		27.00	27.08		7.99	7.97		6.67	6.69		Botom	1.70	17.6		1	1						0	3	5	6	0	4	0		3	IH
33	Site 9	10/30/2017	no WQM - poor weather																																	
34																																				
35																																				
36																																				

	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 2017 Water Quality Data - **Site 10, Beekman Beach**																																		
2		Date	Time	H20 Temp TOP (0.5m)	H20 Temp 1.0 m	H20 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	Wave Height	Cloud Cover	Wind Speed	Wind Direction	Weather	
3	Site 10	4/3/2017	no WQM - boat not ready																																	
4	Site 10	4/10/2017	00958	7.88	7.61	7.51	26.63	26.69	26.62	9.59	9.59	9.58	11.05	11.01	10.62	1.90	4.60	20.0		3	1							4	3	0	0	1	1	7	1	LD
5	Site 10	4/17/2017	00953	11.74	11.49	10.73	25.97	25.94	26.03	9.58	9.59	9.56	10.96	10.55	9.85	1.40	3.80	19.1		5	1							2	3	6	1	4	1	8	3	LD
6	Site 10	4/24/2017	00950	10.87	10.35	10.15	26.18	26.15	26.14	9.73	9.71	9.68	11.53	11.16	10.68		4.30	10.3		<1	<1						0	4	5	6	0	3	1	8	3	CM
7	Site 10	5/1/2017	01013	12.72	12.77		35.94	36.29								1.80	4.10			23	4							2	3	6	0	4	1	2	6	CM
8	Site 10	5/8/2017	00926	13.41	13.33	13.32	25.76	25.97	26.27				7.62	7.44	7.38	2.5	6.1	10.6		26	1							4	3	1	2	2	2	8	1	LD
9	Site 10	5/15/2017	00845	13.63	13.72	13.60	25.38	25.53	25.88				8.08	8.12	7.95	1.8	4.30	15.2		34	6							2	3	1	2	4	2	8	3	CM
10	Site 10	5/22/2017	no WQM - poor weather																																	
11	Site 10	5/30/2017Tu	01015	16.20	16.16	16.14	23.67	23.82	23.86				8.17	8.07	8.04	1.0	3.10	15.0		20	12						3	2	3	1	1	4	1	4	3	LD
12	Site 10	6/5/2017	00850	17.95	17.90	17.94	25.32	25.31	25.46	7.84	7.84	7.81	6.79	6.83	6.90	1.40	5.80	14.7	85	80	80 est.							4	5	6	2	4	1	1	3	IH
13	Site 10	6/12/2017	00926	20.55	20.60	18.96	25.22	25.49	25.57	7.94	7.94	7.82	7.20	7.06	6.22	1.20	3.20	28.5		50	17							2	3	1	0	0	1	7	1	IH
14	Site 10	6/19/2017	00832	19.63	19.70	19.06	25.59	25.52	25.71	7.67	7.67	7.63	5.32	5.37	5.10	1.1	6.0	26.4		30	13							4	5	6	2	0	1	6	1	IH
15	Site 10	6/26/2017	00953	22.98	22.91	21.92	24.73	25.01	24.98	7.89	7.86	7.68	6.61	6.32	4.97	1.30	3.70	26.50		56	6						0.205921	4	4	6	1	0	0	8	1	IH
16	Site 10	7/5/2017	00932	23.57	23.36	22.33	25.46	25.52	25.70	7.91	7.88	7.71	6.86	6.44	5.39	1.2	5.2	23.6		2	<1						0	4	4	6	2	1	0	1	1	IH
17	Site 10	7/10/2017	00945	22.42	22.33	21.88	25.84	25.91	26.03	7.88	7.86	7.64	6.52	6.51	5.16	1.0	4.0	27.9		63	27						0.13	4	3	6	0	2	0	6	2	IH
18	Site 10	7/17/2017	00909	23.35	23.23	22.77	25.95	26.02	26.07	7.68	7.69	7.57	5.13	5.04	4.14	1.4	5.1	26.2		14	4						0	2	3	6	0	2	1	1	1	IH
19	Site 10	7/24/2017	no WQM - poor weather																																	
20	Site 10	7/31/2017	00906	22.48	22.41	22.41	26.06	26.05	26.12	7.65	7.62	7.55	5.36	5.19	4.33	1.1	5.2	22.7		1	<1						0	2	3	6	0	0	0	1	1	IH
21	Site 10	8/7/2017	no WQM - poor weather																																	
22	Site 10	8/14/2017	00845	24.04	24.01	23.93	26.04	26.11	26.18	7.61	7.60	7.57	4.77	4.75	4.46	1.1	4.7	23.4		6	<1							2	3	6	0	4	1	2	3	IH
23	Site 10	8/21/2017	00953	24.96	24.86	24.64	25.86	25.86	25.92	7.82	7.74	7.55	6.08	5.74	4.43	1.0	5.5	26.8		33	1						0	4	3	6	0	3	1	4	1	JM
24	Site 10	8/28/2017	00822	23.79	23.81	23.79	26.03	26.25	26.46	7.65	7.66	7.62	5.25	5.20	4.77	1.1	4.1	19.1		7	<1						0	2	5	6	1	3	1	1	2	JM
25	Site 10	9/5/17Tu	00952	21.24	21.22	21.19	26.36	26.43	26.57	7.67	7.66	7.60	5.30	5.05	4.72	0.8	5.0	27.3		28	5						0	4	4	6	2	1	1	4	1	DE
26	Site 10	9/11/2017	00839	20.68	20.70	20.68	26.48	26.55	26.55	7.89	7.85	7.83	6.58	6.55	6.44	2.0	3.7	16.8		8	<1						0	2	3	6	0	1	1	6	2	DE
27	Site 10	9/18/2017	no WQM																																	
28	Site 10	9/25/2017	00909	22.46	22.44	22.46	26.55	26.48	26.83	7.87	7.85	7.70	6.74	6.48	5.71	2.3	3.7	25.2		37	3						0	3		6	0	0	0	0	1	DE
29	Site 10	10/2/2017	00900	20.54	20.55	20.57	26.61	26.69	26.69	7.84	7.85	7.82	6.03	6.02	5.99	2.9	4.3	16.7		37	<1						0	4	5	6	2	0	1	1	1	DE
30	Site 10	10/10/17Tu	00922	21.48	21.50	21.46	26.72	26.65	26.80	7.73	7.77	7.73	5.22	5.20	5.34	2.1	3.3	29.6		410	59							3	5	6	2	1	1	8	1	DE
31	Site 10	10/16/2017	no WQM - poor weather																																	
32	Site 10	10/23/2017	00805	17.92	17.92	18.12	26.93	26.93	27.00	8.12	8.04	8.01	6.71	6.73	6.55	2.9	4.1	17.1		85	70 est.						0	3	3	6	0	4	0		3	IH
33	Site 10	10/30/2017	no WQM - poor weather																																	
34																																				
35																																				
36																																				

	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 2017Water Quality Data - Site 11, West Harbor																																		
2		Date	Time	H20 Temp TOP (0.5m)	H20 Temp 1.0 m	H20 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	Wave Height	Cloud Cover	Wind Speed	Wind Direction	Weather	
3	Site 11	4/3/2017	no WQM - boat not ready																																	
4	Site 11	4/10/2017	01007	7.52	7.51	7.50	26.69	26.62	26.69	9.57	9.57	9.58	10.61	10.96	9.68	2.2	3.9	15.9		<1	<1							4	3	0	0	1	1	6	1	LD
5	Site 11	4/17/2017	01001	13.29	13.47	13.24	25.10	25.88	26.08	9.59	9.59	9.61	10.68	10.48	8.85	1.4	2.00	17.90		<1	<1							2	3	6	1	4	2	8	3	LD
6	Site 11	4/24/2017	01005	10.17	9.81	9.78	26.29	26.33	26.33	9.73	9.70	9.69	11.39	11.24	11.77		4.8	9.8		4	<1						0	4	5	6	0	3	1	2	3	CM
7	Site 11	5/1/2017	01023	13.28	13.26		36.49	36.58								1.4	2.2	11.5		2	3							3	3	6	1	4	1	2	6	CM
8	Site 11	5/8/2017	not able to sample at site																																	
9	Site 11	5/15/2017	00830	13.67	13.68	13.68	25.66	25.69	25.69				8.69	8.63	8.60	1.7	2.5	14.2		1	1							2	3	1	2	4	2	8	3	CM
10	Site 11	5/22/2017	no WQM - poor weather																																	
11	Site 11	5/30/2017Tu	01025	16.71	16.67	16.63	23.48	23.64	23.85				8.01	8.03	8.10	0.9	2.1	15.1		16	5						3	2	3	1	1	4	1	4	3	LD
12	Site 11	6/5/2017	00841	17.91	17.92	17.87	25.45	25.45	25.52	7.88	7.87	7.85	6.95	6.94	6.66	1.6	4.0	14.3		3	1							4	5	6	2	4	1	4	3	IH
13	Site 11	6/12/2017	00934	21.6	21.15		25.32	25.44		7.93	7.95		7.02	7.2		1.1	1.5	27.1		3	<1							2	3	1	0	1	1	8	1	IH
14	Site 11	6/19/2017	00818	21.77	21.73	19.73	25.32	25.32	25.67	7.84	7.85	7.71	6.30	6.23	4.48	0.7	3.7	24.8		8	1							4	3	6	3	0	2	6	1	IH
15	Site 11	6/26/2017	01004	22.85	22.54		24.94	25		7.77	7.77		5.93	5.78		1.1	1.8	24.6		12	<1						0.205921	4	1	6	1	0	0	8	1	IH
16	Site 11	7/5/2017	00944	23.81	23.69	21.70	25.54	25.54	25.82	7.95	7.92	7.75	7.17	6.89	5.96	1.1	3.90	22.4		2	<1						0	4	1	6	2	1	0	1	1	IH
17	Site 11	7/10/2017	00954	22.91	22.57	22.38	25.86	25.85	25.91	7.96	7.91	7.80	7.10	6.63	5.97	1.2	2.7	28.0		2	<1						0.13	4	3	6	1	2	1	6	2	IH
18	Site 11	7/17/2017	00859	24.19	24.00	22.91	25.83	25.83	26.07	7.69	7.71	7.66	5.12	5.37	4.96	0.90	3.00	25.30		2	<1						0	2	3	6	1	2	1	1	1	IH
19	Site 11	7/24/2017	no WQM - poor weather																																	
20	Site 11	7/31/2017	00856	22.94	22.83	22.79	26.07	26.07	26.14	7.82	7.77	7.72	6.59	6.34	5.97	1.00	3.40	25.20		3	<1							2	3	6	0	0	0	0	1	IH
21	Site 11	8/7/2017	no WQM - poor weather																																	
22	Site 11	8/14/2017	00834	24.36	24.32	24.24	25.98	25.98	26.05	7.64	7.64	7.60	5.80	5.80	4.94	1.00	2.30	23.20		1	<1						0	2	3	0	0	4	1	2	3	IH
23	Site 11	8/21/2017	01002	24.91	24.81	24.77	25.93	25.93	25.93	7.63	7.62	7.59	5.00	4.93	4.85	0.90	4.00	27.00		2	<1						0	4	3	6	0	3	1	6	1	JM
24	Site 11	8/28/2017	00812	24.10	24.11	21.10	26.05	26.05	26.12	7.67	7.67	7.64	5.34	5.24	5.21	0.90	3.00	19.00		1	1						0	2	5	6	1	3	1	2	3	JM
25	Site 11	9/5/17Tu	01004	21.27	21.24	21.19	26.36	26.36	26.43	7.69	7.69	7.65	5.43	5.37	5.26	1.30	3.70	25.30		2	<1						0	4	4	6	2	1	1	6	1	DE
26	Site 11	9/11/2017	00829	19.93	19.93	19.95	26.38	26.38	26.31	7.82	7.83	7.83	6.38	6.40	6.34	1.40	2.00	17.50		<1	1						0	2	3	6	0	1	1	6	2	DE
27	Site 11	9/18/2017	no WQM																																	
28	Site 11	9/25/2017	00920	22.81	22.79	22.74	26.49	26.49	26.49	7.97	7.94	7.93	7.31	7.31	7.08	2.00	2.10	24.80		1	<1						0	3	5	5	0	0	0	0	1	DE
29	Site 11	10/2/2017	00950	20.46	20.47	20.43	26.68	26.75	26.75	7.87	7.86	7.84	6.07	6.04	6.10	3.00	4.00	16.20		<1	<1						0	4	5	6	1	0	1	2	1	DE
30	Site 11	10/10/17Tu	00935	21.68	21.64		26.59	26.66		7.78	7.77		5.70	5.71		1.80	1.80	22.10		6	1						0	3	5	6	2	1	1	8	1	DE
31	Site 11	10/16/2017	no WQM - poor weather																																	
32	Site 11	10/23/2017	00757	17.23	17.24	17.24	26.76	26.76	26.76	7.99	7.98	7.94	6.32	6.35	6.29	1.60	2.00	17.30		2	<1						0	3	1	6	0	4	0		3	IH
33	Site 11	10/30/2017	no WQM - poor weather																																	
34																																				
35																																				
36																																				

	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 2017 Water Quality Data - **Site 12, Turtle Cove**																																		
2		Date	Time	H20 Temp TOP (0.5m)	H20 Temp 1.0 m	H20 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	Wave Height	Cloud Cover	Wind Speed	Wind Direction	Weather	
3	Site 12	4/3/2017	no WQM - boat not ready																																	
4	Site 12	4/10/2017	01020	8.64	8.47	8.39	25.99	26.60	26.60	9.55	9.58	9.58	10.77	10.79	10.66	1.8	3.1	16.8		<1	<1							4	3	0	0	1	1	1	1	LD
5	Site 12	4/17/2017	01010	14.57			26.22			9.51			8.94			1.4	1.4	16.4		2	1							2	3	6	1	4	0	8	3	LD
6	Site 12	4/24/2017	01015	12.95	12.72	12.15	26.01	26.06	26.03	9.70	9.69	9.61	10.46	10.40	9.96		3.3	9.7		6	8						0	4	5	6	0	3	1	2	3	CM
7	Site 12	5/1/2017	01032	13.60			36.15									1.4	1.6	12.9		5	1							3	3	6	1	4	1	2	6	CM
8	Site 12	5/8/2017	not able to sample at site																																	
9	Site 12	5/15/2017	00820	13.57	13.56		25.68	25.69					8.35	8.35		1.3	1.5	14.3		3	<1							2	3	1	3	4	2	8	3	CM
10	Site 12	5/22/2017	no WQM - poor weather																																	
11	Site 12	5/30/2017Tu	01036	16.60	16.59		23.77	23.78					7	7.22		1.3	1.5	15.6		2	1						3	2	3	1	1	4	1	4	3	LD
12	Site 12	6/5/2017	00834	18.15	18.15	18.12	25.39	25.46	25.39	7.86	7.84	7.85	6.69	6.72	6.57	1.6	3.8	15.1		2	<1							4	5	6	1	4	1	3	3	IH
13	Site 12	6/12/2017	00941	23.16	22.7		25.45	25.42		7.68	7.71		5.44	5.42		1	1.1	28.4		8	2							2	3	1	0	0	1	4	1	IH
14	Site 12	6/19/2017	00804	23.91	23.90	22.63	24.42	24.41	25.08	7.69	7.68	7.64	5.30	5.22	4.94	1.0	3.0	24.8		15	9							4	5	6	2	0	2	6	1	IH
15	Site 12	6/26/2017	01011	23.65	23.61		24.97	24.97		7.63	7.62		5.89	4.85		1.1	1.4	23.2		<1	<1						0.205921	4	4	6	0	0	0	8	1	IH
16	Site 12	7/5/2017	00954	24.33	24.31	23.69	25.63	25.56	25.60	7.66	7.67	7.38	5.24	5.17	3.08	0.6	3.0	23.2		1	1						0	4	4	6	2	1	0	2	1	IH
17	Site 12	7/10/2017	01001	23.36	23.18	23.01	25.81	25.73	25.75	7.81	7.73	7.72	5.85	5.78	5.64	0.7	2.1	29.4		<1	<1						0.13	4	3	6	0	1	0	6	1	IH
18	Site 12	7/17/2017	00845	25.36	24.79		25.82	25.80	25.79	7.55	7.55	7.58	4.52	4.55	4.60	1.0	2.7	25.3		8	<1						0	2	3	6	1	1	1	1	1	IH
19	Site 12	7/24/2017	no WQM - poor weather																																	
20	Site 12	7/31/2017	00846	23.12	23.02	22.71	26.08	26.15	26.21	7.78	7.76	7.54	6.56	6.26	4.85	0.8	2.8	21.80		2	1						0	2	3	6	0	0	0	0	1	IH
21	Site 12	8/7/2017	no WQM - poor weather																																	
22	Site 12	8/14/2017	00828	24.65	24.49		25.99	25.92		7.50	7.35		3.95	3.14		1.0	1.7	22.50		3	<1							2	3	6	0	4	1	2	0	IH
23	Site 12	8/21/2017	01011	24.12	24.96	24.80	25.80	25.72	25.65	7.72	7.65	7.45	5.57	4.93	3.69	0.6	3.2	28.70		6	<1						0	4	3	6	0	3	1	6	2	JM
24	Site 12	8/28/2017	00801	23.68	23.64	23.61	26.03	26.03	26.03	7.54	7.62	7.56	4.73	4.93	5.00	0.5	2.3	19.00		2	<1						0	2	5	6	1	4	1	2	3	JM
25	Site 12	9/5/17Tu	01013	21.45	21.38	21.07	26.16	26.09	26.14	7.62	7.64	7.54	5.34	5.13	4.81	0.7	3.1	28.00		3	1						0	4	5	6	2	1	1	6	1	DE
26	Site 12	9/11/2017	00823	19.71	19.69		26.30	26.30		7.86	7.82		6.47	6.77		1.0	1.6	16.30		2	1						0	2	5	6	0	1	1	2	2	DE
27	Site 12	9/18/2017	no WQM																																	
28	Site 12	9/25/2017	00929	23.29	22.90		26.51	26.57		7.79	7.97		6.63	7.13		1.5	1.4	25.10		16	2						0	3	5	6	1	0	1	2	1	DE
29	Site 12	10/2/2017	00837	19.78	19.53	19.47	26.66	26.57	26.64	7.88	7.85	7.80	5.88	5.68	5.42	1.5	3.1	15.70		<1	1						0	4	5	6	0	0	1	2	1	DE
30	Site 12	10/10/17Tu	00942	21.70			26.45			7.61						1.2	1.3	23.30		41	24						0	3	5	6	1	1	1	7	1	DE
31	Site 12	10/16/2017	no WQM - poor weather																																	
32	Site 12	10/23/2017	00748	17.25			26.76			17.91			5.91			Bottom	1.3	16.50		3	1						0	3	1	6	0	4	0		3	IH
33	Site 12	10/30/2017	no WQM - poor weather																																	
34																																			
35																																			
36																																			

	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 2017 Water Quality Data - **Site 13, Mill Neck Creek East**																																			
2		Date	Time	H20 Temp TOP (0.5m)	H20 Temp 1.0 m	H20 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	Wave Height	Cloud Cover	Wind Speed	Wind Direction	Weather	
3	Site 13	4/3/2017	no WQM - boat not ready																																		
4	Site 13	4/10/2017	1034	8.32	8.27	8.26	26.46	26.46	26.45	9.58	9.58	9.59	10.89	10.84	10.80	2.1	3.6	14.3		<1	<1								4	3	0	0	1	1	5	1	LD
5	Site 13	4/17/2017	1030	14.41	13.8		26.65	25.76		9.19	9.51		9.69	9.35		1.0	1.7	18.2		3	2								3	3	6	1	4	1	8	3	CM
6	Site 13	4/24/2017	1026	11.37	11.34	11.33	25.93	25.86	25.93	9.75	9.85	9.75	11.21	11.20	11.05		2.3	10.4		4	<1							0	4	5	6	0	3	1	2	3	CM
7	Site 13	5/1/2017	1051	13.52	13.46		33.31	33.81								1.6	1.9	11.2		28	19								3	3	6	1	4	1	2	6	CM
8	Site 13	5/8/2017	941	13.43	13.43		25.91	25.91					7.90	8.43		1.4	1.7	10.1		6	1								4	3	1	2	1	1	8	1	LD
9	Site 13	5/15/2017	00740	13.62	13.66		23.75	24.20					7.54	7.50		1.1	1.5	14.9		47	9								2	3	1	1	4	1	7	3	CM
10	Site 13	5/22/2017	no WQM - poor weather																																		
11	Site 13	5/30/2017Tu	00752	16.71	16.72	16.72	22.69	22.65	22.72				6.43	6.31	6.10	0.8	2.56	13.8		79	35							3	2	3	1	0	4	1	4	4	LD
12	Site 13	6/5/2017	00739	18.9	18.09		25.32	25.32		7.77	7.77		6.48	6.49		0.6	2.00	16.0		6	2								1	1	6	0	4	1	3	3	IH
13	Site 13	6/12/2017	00959			22.07			24.92			7.64			5.87	0.6	1.0	28.3		23	4								4	3	1	0	0	1	7	1	IH
14	Site 13	6/19/2017	00702	22.03			25.12			7.68			5.78			0.9	1.4	24.7		35	13								1	3		0	0	2	6	1	IH
15	Site 13	6/26/2017	01030	23.16	23.09		24.39	24.46		7.53	7.54		4.68	4.53		0.8	2.0			63	27							0.205921	4	4	6	2	1	0	7	1	IH
16	Site 13	7/5/2017	01006	23.81	23.85	23.63	25.47	25.47	25.53	7.80	7.79	7.78	6.17	6.13	5.97	0.9	2.0	22.3		1	<1							0	4	4	6	2	1	0	2	1	IH
17	Site 13	7/10/2017	01017	22.82	22.76		25.64	25.64		7.76	7.75		5.78	6.12		1.0	1.6	26.0		7	6							0.13	4	3	6	1	1	1	6	1	IH
18	Site 13	7/17/2017	00819	24.39	24.39		25.70	25.70		7.58	7.58		4.50	4.45		1.0	1.0	26.3		9	1							0	2	3	6	0	1	0		1	IH
19	Site 13	7/24/2017	no WQM - poor weather																																		
20	Site 13	7/31/2017	00820	22.81	22.77	22.73	26.00	26.00	25.92	7.61	7.60	7.55	5.43	5.41	5.07	1.2	3.4	23.7		3	3							0	2	3	6	0	0	0	0	1	IH
21	Site 13	8/7/2017	no WQM - poor weather																																		
22	Site 13	8/14/2017	00759	24.47			25.63			7.45			4.08			0.8	1.60	22.2		41	9								2	3	6	0	4	1	2	3	IH
23	Site 13	8/21/2017	01031	25.04	25.03	25.00	25.80	25.72	25.72	7.62	7.61	7.59	5.04	4.98	4.90	0.7	3.90	26.0		11	1							0	4	5	6	0	3	1	6	3	JM
24	Site 13	8/28/2017	00659	23.96	24.11	24.08	25.75	25.90	25.90	7.61	7.62	7.60	5.21	5.25	5.35	0.9	3.30	16.4		9	<1							0	2	1	6	0	4	1	7	3	JM
25	Site 13	9/5/17Tu	01030	21.14	21.15	21.13	26.00	26.00	26.00	7.60	7.61	7.60	5.10	5.16	4.94	1.2	2.40	25.3		11	1							0	4	5	6	2	1	1	6	1	DE
26	Site 13	9/11/2017	00734	19.48	19.53	19.59	25.03	25.10	25.24	7.51	7.52	7.49	4.68	4.72	4.74	0.9	2.10	15.0		41	10							0	2	5	6	0	1	1	1	3	DE
27	Site 13	9/18/2017	no WQM																																		
28	Site 13	9/25/2017	00944	22.91	22.44		26.00	26.00		7.73	7.69		6.07	5.84		0.9	1.9	25.20		33	3							0	4	5	6	1	0	1	2	1	DE
29	Site 13	10/2/2017	00923	19.98	19.98	20.03	26.45	26.45	26.45	7.82	7.76	7.28	5.52	5.18	4.33	1.9	2.4	14.40		13	2							0	4	5	6	0	0	1	2	1	DE
30	Site 13	10/10/17Tu	01004	21.68	21.63		25.74	25.74		7.43	7.47		4.15	4.41		1.1	1.5	22.40		210	35								3	5	6	1	1	1	7	1	DE
31	Site 13	10/16/2017	no WQM - poor weather																																		
32	Site 13	10/23/2017	00710	16.90			26.18			7.70			4.41			Bottom		16.40		51	19							0	2	1	6	0	4	0		3	IH
33	Site 13	10/30/2017	no WQM - poor weather																																		
34																																					
35																																					
36																																					

	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 2017 Water Quality Data - **Site 14, Mill Neck Creek West**																																		
2		Date	Time	H20 Temp TOP (0.5m)	H20 Temp 1.0 m	H20 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	Wave Height	Cloud Cover	Wind Speed	Wind Direction	Weather	
3	Site 14	4/3/2017	no WQM - boat not ready																																	
4	Site 14	4/10/2017	1040	8.43	8.27	8.22	26.46	26.45	26.45	9.58	9.59	9.59	10.72	10.70	10.35	2.1	2.3	15.2		<1	<1							4	3	0	0	1	1	3	1	LD
5	Site 14	4/17/2017	no able to sample at site																																	
6	Site 14	4/24/2017	01034	11.53	11.45	11.40	25.80	25.86	25.86	9.76	9.86	9.74	11.32	11.29	10.85		3.2	11.1		14	<1						0	4	5	6	0	3	1	2	3	CM
7	Site 14	5/1/2017	01056													1.0		12.6		83	61							3	3	6	1	4	1	2	6	CM
8	Site 14	5/8/2017	941	13.42	13.40	13.38	25.92	25.93	24.92				7.60	7.75	7.70	2.3		10.0		6	<1							4	3	1	3	1	2	8	1	LD
9	Site 14	5/15/2017	00745	13.59			23.77						7.53			1.1	1.0	14.4		29	15							2	3	1	1	4	2	7	3	CM
10	Site 14	5/22/2017	no WQM - poor weather																																	
11	Site 14	5/30/2017Tu	744	16.35			22.2						2.61			0.9	1.29	13.6		230	71						3	2	3	1	0	4	1	4	3	LD
12	Site 14	6/5/2017	00750	18.11	18.12	18.10	25.32	25.25	25.32	7.70	7.76	7.78	6.46	6.45	6.38	0.6	2.7	16.0		4	7							1	1	6	0	4	6	2	3	IH
13	Site 14	6/12/2017	01005	21.78	21.02		25.02	24.83		7.53	7.59		5.12	5.3		0.9	1.5	27.7		49	4							3	3	1	0	0	1	7	1	IH
14	Site 14	6/19/2017	00710	22.95	22.16	21.98	24.59	24.99	25.12	7.58	7.66	7.67	5.14	5.49	5.67	0.80	2.70	24.50		52	51							1	5	6	1	0	1	6	1	IH
15	Site 14	6/26/2017	01038	23.23			24.25			7.50			4.59			0.6	2.4	31.2		47	18						0.205921	4	4	6	2	1	0	7	1	IH
16	Site 14	7/5/2017	01012	23.77	23.75		25.47	25.47		7.79	7.80		6.25	6.23		1.00	2.40	24.00		3	<1						0	4	4	6	2	1	0	2	1	IH
17	Site 14	7/10/2017	01023	22.93			25.58			7.64			4.78			0.8	1.2	26.00		9	5						0.13	4	3	2	1	2	1	6	1	IH
18	Site 14	7/17/2017	00810	25.04	24.81	24.51	25.16	25.36	25.64	7.50	7.52	7.47	4.55	4.75	4.49	0.8	2.2			44	9						0	2	5	6	0	1	0	unknown	1	IH
19	Site 14	7/24/2017	no WQM - poor weather																																	
20	Site 14	7/31/2017	00813	22.92	22.87	22.80	25.58	25.86	26.00	7.53	7.54	7.52	5.08	5.02	4.67	1.1	2.9	22.9		18	1						0	2	3	6	0	0	0	0	1	IH
21	Site 14	8/7/2017	no WQM - poor weather																																	
22	Site 14	8/14/2017	00750	24.61	24.71		25.29	25.43		7.40	7.38		3.72	3.55		0.8	1.5	21.80		34	12							2	3	6	0	4	0	0	3	IH
23	Site 14	8/21/2017	01039	25.00	24.99	24.99	25.72	25.72	25.72	7.61	7.60	7.59	5.01	4.92	4.88	0.8	2.7	27.20		15	1						0	4	5	6	0	3	1	6	3	JM
24	Site 14	8/28/2017	00707	23.23	23.43		25.09	25.17		7.65	7.64		5.49	5.52		0.9	1.6	16.00		20	6						0	2	5	6	1	4	1	6	3	JM
25	Site 14	9/5/17Tu	01027	21.33	21.25	21.13	26.01	26.01	25.93	7.62	7.61	7.58	5.17	5.07	4.92	1.1	2.6	26.70		10	2						0	4	5	6	1	2	1	6	1	DE
26	Site 14	9/11/2017	00743	19.01	18.95		24.52	24.66		7.48	7.45		4.64	4.33		1.00	1.40	15.10		69	5						0	2	5	6	0	1	0	1	2	DE
27	Site 14	9/18/2017	no WQM																																	
28	Site 14	9/25/2017	00950	22.95			25.58			7.75			6.26			0.50	1.00	25.40		52	7						0	4	5	6	1	0	1	3	1	DE
29	Site 14	10/2/2017	00815	19.96	19.97	19.98	26.38	26.38	26.38	7.80	7.80	7.79	5.63	5.58	5.57	1.70	3.10	13.90		11	<1						0	4	5	6	0	0	0	0	1	DE
30	Site 14	10/10/17Tu	01010	21.63			25.25			7.36			3.68			0.80	1.20	23.60		400	70							3	5	6	1	1	1	7	1	DE
31	Site 14	10/16/2017	no WQM - poor weather																																	
32	Site 14	10/23/2017	00715	16.49	16.83		26.03	26.18		7.71	7.75		5.49	5.89		1.40	1.70	15.80		31	48						0	2	3	6	0	4	0	unknown	3	IH
33	Site 14	10/30/2017	no WQM - poor weather																																	
34																																			
35																																			
36																																			

	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 15, Mill Neck Creek South																																		
2		Date	Time	H20 Temp TOP (0.5m)	H20 Temp 1.0 m	H20 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	Wave Height	Cloud Cover	Wind Speed	Wind Direction	Weather		
3	Site 15	4/3/2017	no WQM - boat not ready																																	
4	Site 15	4/10/2017	01048	9.34	9.11		25.89	26.02		9.55	9.56		10.66	10.61		1.1	1.8	17.8		4	<1							4	3	0	0	1	1	1	1	LD	
5	Site 15	4/17/2017	no able to sample at site																																	
6	Site 15	4/24/2017	01040	12.98	12.35		24.94	25.21		9.77	9.71		10.56	10.85			1.6	11.2		41	<1						0	4	5	6	0	3	1	1	3	CM	
7	Site 15	5/1/2017	not able to sample at site																																	
8	Site 15	5/8/2017	not able to sample at site																																	
9	Site 15	5/15/2017	not able to sample at site																																	
10	Site 15	5/22/2017	no WQM - poor weather																																	
11	Site 15	5/30/2017Tu	not able to sample at site																																	
12	Site 15	6/5/2017	00801	18.29	18.35		7.51	25.56		24.49	7.10		4.91	4.96		0.50	1.50	16.3		53	21							4	5	6	1	4	1	1	3	IH	
13	Site 15	6/12/2017	not able to sample at site																																	
14	Site 15	6/19/2017	00723	23.18			23.97			7.38			4.05			0.6	1.2	24.9		69	49							1	5	6	1	0	2	6	1	IH	
15	Site 15	6/26/2017	not able to sample at site																								0.205921									
16	Site 15	7/5/2017	01016	25.20	24.94		24.67	25.01		7.52	7.55		4.02	4.65		0.7	1.5	23.50		24	3						0	1	4	6	1	1	0	2	1	IH	
17	Site 15	7/10/2017	not able to sample at site																								0.13									
18	Site 15	7/17/2017	00800	25.50			25.03			7.18			2.57			0.50	0.90	24.30		75	20						0	2	5	6	0	1	0	unknown	1	IH	
19	Site 15	7/24/2017	no WQM - poor weather																																	
20	Site 15	7/31/2017	00808	23.21			25.45			7.29			3.32			0.70	1.30	23.20		78	35						0	2	5	5	0	0	0	0	1	IH	
21	Site 15	8/7/2017	no WQM - poor weather																																	
22	Site 15	8/14/2017	not able to sample at site																																	
23	Site 15	8/21/2017	01044	25.28	25.29		24.81	25.17		7.44	7.47		4.36	4.55		0.50	2.10	26.90		380	8						0	4	5	6	0	3	1	6	3	JM	
24	Site 15	8/28/2017	00713	23.77			25.33			7.48			4.36			0.70	1.40	15.50		80	9						0	2	5	6	1	4	1	5	3	JM	
25	Site 15	9/5/17Tu	01047	21.41	21.39		25.55	25.73		7.58	7.55		4.97	4.87		0.70	1.70	26.00		7	<1															DE	
26	Site 15	9/11/2017	not able to sample at site																																	
27	Site 15	9/18/2017	no WQM																																	
28	Site 15	9/25/2017	not able to sample at site																																	
29	Site 15	10/2/2017	00807	18.04			24.97			7.19			1.82			0.40	1.20	11.50		220	15						0	4	5	6	0	0	0	0	1	DE	
30	Site 15	10/10/17Tu	not able to sample at site																																	
31	Site 15	10/16/2017	no WQM - poor weather																																	
32	Site 15	10/23/2017	not able to sample at site																																	
33	Site 15	10/30/2017	no WQM - poor weather																																	
34																																			
35																																			
36																																			

	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 2017 Water Quality Data - Site 16, Mill Neck Creek North																																		
2		Date	Time	H20 Temp TOP (0.5m)	H20 Temp 1.0 m	H20 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	Wave Height	Cloud Cover	Wind Speed	Wind Direction	Weather		
3	Site 16	4/3/2017	no WQM - boat not ready																																	
4	Site 16	4/10/2017	01056	9.35	9.11		25.63	25.81		9.58	9.59		11.28	11.29		1.4		17.9		3	<1							4	3	0	0	1	1	1	1	LD	
5	Site 16	4/17/2017	not able to sample at site																																	
6	Site 16	4/24/2017	01051	12.34	12.27		24.94	25.14		9.79	9.76		10.48	10.79			1.6	13.3		52	6						0	4	5	6	0	3	1	1	3	CM	
7	Site 16	5/1/2017	not able to sample at site																																	
8	Site 16	5/8/2017																																		
9	Site 16	5/15/2017	not able to sample at site																																	
10	Site 16	5/22/2017	no WQM - poor weather																																	
11	Site 16	5/30/2017	Tu not able to sample at site																																	
12	Site 16	6/5/2017	00805		18.13			24.42			7.48			5.28		0.60	00001	16.2		60	41							1	1	6	0	4	1	6	3	IH	
13	Site 16	6/12/2017	not able to sample at site																																	
14	Site 16	6/19/2017	00730	23.36	23.43	23.29	24.12	24.19	24.04	7.39	7.39	7.31	4.24	4.17	3.40	0.9	1.7	26.1		72	31							1	1	6	0	0	1	6	1	IH	
15	Site 16	6/26/2017	not able to sample at site																																	
16	Site 16	7/5/2017	01026	25.00			24.66			7.41			4.40			1.0	1.3	25.3		21	5						0	1	4	6	1	1	0	2	1	IH	
17	Site 16	7/10/2017	not able to sample at site																								0.13									
18	Site 16	7/17/2017	00750	25.14			24.95			7.15			2.57			1.1	0.8	25.70		31	16						0	2	5	6	0	1	0	unknown	1	IH	
19	Site 16	7/24/2017	no WQM - poor weather																																	
20	Site 16	7/31/2017	00753	22.60			25.20			7.2			3.17			1.0	1.9	21.80		31	11						0	2	5	5	0	0	0	0	1	IH	
21	Site 16	8/7/2017	no WQM - poor weather																																	
22	Site 16	8/14/2017	not able to sample at site																																	
23	Site 16	8/21/2017	01051	25.09	25.12		25.16	25.23		7.37	7.37		3.99	3.80		0.5	1.5	28.50		47	8						0	4	5	6	0	3	0	0	2	JM	
24	Site 16	8/28/2017	00726	21.83			24.90			7.11			2.75			0.7	0.7	18.60		16	3						0	2	5	6	1	4	0		3	JM	
25	Site 16	9/5/17	Tu 01106	21.49			25.32			7.48			4.71			0.8	1.2	27.40		3	4						0	4	5	6	1	2	1	6	1	DE	
26	Site 16	9/11/2017	not able to sample at site																																	
27	Site 16	9/18/2017	no WQM																																	
28	Site 16	9/25/2017	imple at site																																	
29	Site 16	10/2/2017	00756	17.71			25.03			7.4			3.87			0.60	1.20	13.70		140	26						0	4	5	3	0	0	0	0	1	DE	
30	Site 16	10/10/17	Tu imple at site																																	
31	Site 16	10/16/2017	no WQM - poor weather																																	
32	Site 16	10/23/2017	not able to sample at site																																	
33	Site 16	10/30/2017	no WQM - poor weather																																	
34																																			
35																																			
36																																			

	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 2017 Water Quality Data - Site 17, The Birches STP																																		
2		Date	Time	H20 Temp TOP (0.5m)	H20 Temp 1.0 m	H20 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	Wave Height	Cloud Cover	Wind Speed	Wind Direction	Weather	
3	Site 17	4/3/2017	no WQM - boat not ready																																	
4	Site 17	4/10/2017																																		
5	Site 17	4/17/2017	not able to sample at site																																	
6	Site 17	4/24/2017	01100	12.36			24.66			9.73			10.87				0.8	12.00		2	<1						0	4	5	6	0	3	0		3	CM
7	Site 17	5/1/2017	not able to sample at site																																	
8	Site 17	5/8/2017	not able to sample at site																																	
9	Site 17	5/15/2017	not able to sample at site																																	
10	Site 17	5/22/2017	oor weather																																	
11	Site 17	5/30/2017	not able to sample at site																																	
12	Site 17	6/5/2017	00812	17.90			23.78			7.36			4.53			0.54	0.90	15.9		190	120							4	5	6	0	4	1	4	3	IH
13	Site 17	6/12/2017	not able to sample at site																																	
14	Site 17	6/19/2017	00735	23.20			23.83			7.24			3.74			1.00	1.00	26.20		290	64							4	5	6 (left blank)	0	0	1	6	1	IH
15	Site 17	6/26/2017	not able to sample at site																																	
16	Site 17	7/5/2017	01030	24.19			24.36			7.11			2.53			1.00		24.10		130	27						0	1	4	6	1	1	0	2	1	IH
17	Site 17	7/10/2017	not able to sample at site																								0.13									
18	Site 17	7/17/2017	00746	24.97			24.81			7.03			2.38			0.60	0.80	25.70		200	18						0	2	5	6	0	1	0	unknown	1	IH
19	Site 17	7/24/2017	no WQM - poor weather																																	
20	Site 17	7/31/2017	747	22.60			25.14			7.09			3.44			1.10	1.00	21.40		76	34						0	2	5	5	0	0	0	1	1	IH
21	Site 17	8/7/2017	no WQM - poor weather																																	
22	Site 17	8/14/2017	not able to sample at site																																	
23	Site 17	8/21/2017	1056	24.94	24.99		24.80	24.87		7.25	7.27		3.25	3.37		0.60	1.40	29.70		120.0000	7.0000						0	4	3	2	0	3	0	0	3	JM
24	Site 17	8/28/2017	729	21.26			24.46			7.10			2.31			0.70	0.70	19.10		140.0000	34.0000						0	2	5	6	0	4	0		3	JM
25	Site 17	9/5/17Tu	1101	21.51			25.10			7.42			4.23			0.50	0.90	28.20		10.0000	2.0000						0	4	5	6	0	2	1	6	1	DE
26	Site 17	9/11/2017	not able to sample at site																																	
27	Site 17	9/18/2017	no WQM																																	
28	Site 17	9/25/2017	not able to sample at site																																	
29	Site 17	10/2/2017	750	17.07			24.72			7.33			3.75			0.40	1.00	15.30		65.0000	13.0000						0	4	5	3	0	0	0	0	1	DE
30	Site 17	10/10/17Tu	not able to sample at site																																	
31	Site 17	10/16/2017	no WQM - poor weather																																	
32	Site 17	10/23/2017	not able to sample at site																																	
33	Site 17	10/30/2017	no WQM - poor weather																																	

	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 2017Water Quality Data - Site 18, Mill Neck Cove																																		
2		Date	Time	H20 Temp TOP (0.5m)	H20 Temp 1.0 m	H20 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	Wave Height	Cloud Cover	Wind Speed	Wind Direction	Weather	
3	Site 18	4/3/2017	no WQM - boat not ready																																	
4	Site 18	4/10/2017	01110	8.55	8.27	8.20	26.54	26.52	26.52	9.60	9.61	9.61	11.03	11.16	11.08	2.4	2.8	16.3		<1	<1							4	3	0	0	1	1	1	1	LD
5	Site 18	4/17/2017	01037	13.25			25.88			2.60			9.60			0.7	0.7	19.0		4	<1							3	3	6	0	4	1	8	3	CM
6	Site 18	4/24/2017	01109	11.67	11.50	11.08	25.80	25.86	26.05	9.76	9.76	9.75	11.39	11.32	10.81		2.8	10.0		2	<1						0	4	5	6	0	3	1	8	3	CM
7	Site 18	5/1/2017	not able to sample at site																																	
8	Site 18	5/8/2017	not able to sample at site																																	
9	Site 18	5/15/2017	00801	13.75			25.53						8.25			1	1.0	14.1		3	5							2	3	1	1	4	1	8	2	CM
10	Site 18	5/22/2017	no WQM - poor weather																																	
11	Site 18	5/30/2017Tu	803	16.43			23.35						7.03			1.2	1.37	13.7		14	11						3	2	3	1	1	4	1	4	3	LD
12	Site 18	6/5/2017	00823	18.11	18.11	18.10	25.32	25.39	25.32	7.77	7.79	7.76	6.49	6.57	6.40	1.90	3.10	15.4		4	2							4	5	6	1	4	1	4	3	IH
13	Site 18	6/12/2017	01014	21.53			25.11			7.75			6.23			0.9	1.0	29.1		12	1							3	3	1	0	0	1	7	1	IH
14	Site 18	6/19/2017	00746	22.08	21.98	21.87	25.12	25.12	25.19	7.75	7.74	7.75	5.92	5.88	5.82	0.90	2.60	24.80		28	2							4	3	6	1	0	1	6	1	IH
15	Site 18	6/26/2017	01045	22.96			24.95			7.55			4.44			0.8	0.9	25.2		54	6						0.205921	4	4	6	2	1	0	7	1	IH
16	Site 18	7/5/2017	01043	23.99	23.95	23.57	25.47	25.47	25.53	7.81	7.81	7.77	6.55	6.50	6.08	0.8	2.6	22.1		4	1						0	1	4	6	1	1	1	2	1	IH
17	Site 18	7/10/2017	01032	22.82	22.83		25.72	25.71		7.86	7.80		6.66	6.19		1.0	1.8	26.0		6	<1						0.13	4	3	6	0	2	1	6	1	IH
18	Site 18	7/17/2017	00826	24.34	24.32	24.26	25.70	25.77	25.77	7.61	7.68	7.60	5.42	5.17	4.84	1.2	2.1	25.4		5	3						0	2	3	6	0	1	0	unknown	1	IH
19	Site 18	7/24/2017	no WQM - poor weather																																	
20	Site 18	7/31/2017	00828	22.78	22.77	22.76	26.00	26.00	26.00	7.63	7.61	7.56	5.60	5.45	4.50	0.9	2.2	23.8		4	<1						0	2	3	6	0	0	0	0	1	IH
21	Site 18	8/7/2017	no WQM - poor weather																																	
22	Site 18	8/14/2017	00807	24.50	24.49		25.92	25.92		7.59	7.56		4.81	4.73		1.0	1.8	22.0		6	6							2	3	6	0	4	1	2	3	IH
23	Site 18	8/21/2017	01106	25.23	25.11	25.08	25.80	25.80	25.73	7.66	7.64	7.60	5.31	5.11	5.03	0.6	2.9	29.7		7	<1						0	4	5	6	0	3	1	6	3	JM
24	Site 18	8/28/2017	00743	23.81	23.84		25.89	25.89		7.65	7.65		5.52	5.59		0.9	1.9	18.4		10	3						0	2	5	6	1	4	1	8	3	JM
25	Site 18	9/5/17Tu	01121	21.46	21.47	21.48	25.95	26.02	26.09	7.63	7.63	7.64	5.41	5.43	5.47	1.2	2.4	28.1		1	<1						0	1	5	6	2	2	1	6	1	DE
26	Site 18	9/11/2017	00758	19.68			26.16			7.52			4.88			1.00	0.90	15.60		9	2						0	2	5	6	0	1	0	1	2	DE
27	Site 18	9/18/2017	no WQM																																	
28	Site 18	9/25/2017	01004	22.86			26.35			7.85			6.26			Bottom	1.00	27.00		6	<1						0	4	5	6	1	0	1	4	1	DE
29	Site 18	10/2/2017	00735	19.66	19.73	20.00	26.23	26.16	26.38	7.75	7.77	7.77	5.59	5.73	5.59	1.70	2.60	14.30		11	<1						0	4	5	6	1	0	1	8	1	DE
30	Site 18	10/10/17Tu	01019	21.96			26.18			7.65			5.01			Bottom	0.70	23.80		80	13							3	5	6	1	1	1	6	1	DE
31	Site 18	10/16/2017	no WQM - poor weather																																	
32	Site 18	10/23/2017	00727	17.32			26.69			7.92			6.02			0.90	0.70	16.50		6	6						0	2	3	6	0	4	0	unknown	3	IH
33	Site 18	10/30/2017	no WQM - poor weather																																	
34																																				
35																																				
36																																				

	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 2017 Water Quality Data - Site 19, Flowers Oyster Hatchery																																		
2		Date	Time	H20 Temp TOP (0.5m)	H20 Temp 1.0 m	H20 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	Wave Height	Cloud Cover	Wind Speed	Wind Direction	Weather	
3	Site 19	4/3/2017	no WQM - boat not ready																																	
4	Site 19	4/10/2017	01116	8.54	8.60	8.29	26.4	26.33	26.46	9.57	9.57	9.59	10.95	11.01	10.87	1.70	5.2	18.5		1	<1							4	3	0	0	1	1	1	1	LD
5	Site 19	4/17/2017	01044	14.01	14.03	13.07	25.71	25.70	18.32	9.52	9.52	9.52	10.13	10.12	9.43	1.20	3.5	18.1		<1	3							3	3	6	0	4	1	8	3	CM
6	Site 19	4/24/2017	01115	11.69	11.53	10.95	25.80	25.80	26.05	9.77	9.77	9.73	11.38	11.36	10.25		5.7	12.1		19	<1						0	4	5	6	0	3	1	1	3	CM
7	Site 19	5/1/2017	01102	13.79	13.79		34.65	34.60								1.50	3.9	11.2		17	6							3	3	6	0	4	0	2	6	CM
8	Site 19	5/8/2017	not able to sample at site																																	
9	Site 19	5/15/2017	808	13.81	13.82	13.73	24.86	25.44	25.87				8.22	8.21	8.2	1.3	3.5	14.4		15	2							2	3	1	2	4	2	8	3	CM
10	Site 19	5/22/2017	no WQM - poor weather																																	
11	Site 19	5/30/2017Tu	01047	16.78	16.76	16.74	22.84	22.84	22.33				6.82	6.81	6.51	1.000	2.98	16		81	20						3	2	3	1	1	4	1	4	3	LD
12	Site 19	6/5/2017	01108	18.16	18.15	18.09	25.32	25.25	25.18	7.87	7.84	7.79	6.70	6.70	6.46	0.70	4.60	15.5		5	4							2	5	6	1	4	1	3	3	IH
13	Site 19	6/12/2017	01021	21.13	21.86	20.81	25.12	25.11	25.22	7.70	7.66	7.77	6.17	6.19	6.07	1.20	3.2	28.3		13	2							3	3	1	0	0	0	7	1	IH
14	Site 19	6/19/2017	00752	22.04	22.02	21.50	25.06	25.12	25.31	7.68	7.68	7.74	5.63	5.61	5.59	0.90	4.80	26.40		58	8							4	3	6	0	0	1	6	1	IH
15	Site 19	6/26/2017	01049	23.15	22.81		24.39	24.86		7.54	7.52		5.04	5.09		1.00	4.0	25.2		52	5						0.205921	4	4	6	1	1	0	7	1	IH
16	Site 19	7/5/2017	01049	23.91	23.88	23.49	25.47	25.47	25.53	7.79	7.79	7.77	6.41	6.40	6.10	1.10	5.40	22.8		6	1						0	1	4	6	2	1	1	2	1	IH
17	Site 19	7/10/2017	01037	23.33	23.12	22.77	25.45	25.51	25.64	7.74	7.74	7.72	6.25	6.19	5.86	1.10	4.3	27.4		14	<1						0.13	4	3	6	1	1	1	6	1	IH
18	Site 19	7/17/2017	00833	24.34	24.34	24.15	25.70	25.77	25.83	7.66	7.67	7.56	5.25	5.21	4.36	1.10	4.5	27.2		9	<1						0	2	3	6	0	1	0	unknown	1	IH
19	Site 19	7/24/2017	no WQM - poor weather																																	
20	Site 19	7/31/2017	00834	22.80	22.76	22.73	25.93	26.00	25.99	7.60	7.63	7.59	5.45	5.51	5.27	1.00	4.9	23.2		5	<1						0	2	3	6	0	0	0	0	1	IH
21	Site 19	8/7/2017	no WQM - poor weather																																	
22	Site 19	8/14/2017	00815	24.52	24.52	24.50	25.92	25.99	25.92	7.61	7.60	7.58	4.83	4.85	4.64	1.00	3.8	22.2		14	<1							2	3	6	0	4	1	2	3	IH
23	Site 19	8/21/2017	01112	25.14	25.14	25.10	25.73	25.73	25.66	7.62	7.60	7.58	5.21	5.18	5.01	0.70	5.2	28.3		22	<1						0	4	5	6	0	3	1	6	3	JM
24	Site 19	8/28/2017	00750	24.04	24.02	24.04	25.97	26.04	25.97	7.68	7.68	7.65	5.48	5.52	5.38	0.80	4.6	19.4		13	2						0	2	5	6	1	4	1	1	3	JM
25	Site 19	9/5/17Tu	01127	21.50	21.31	21.34	25.88	25.94	26.22	7.59	7.62	7.66	5.28	5.30	5.15	1.20	5.2	26.6		5	3						0	1	5	6	2	2	1	6	1	DE
26	Site 19	9/11/2017	00806	20.26	20.28	20.31	26.18	26.18	26.15	7.74	7.75	7.74	5.86	5.91	5.93	1.40	3.2	16.8		20	1						0	2	5	6	0	1	1	6	2	DE
27	Site 19	9/18/2017	no WQM																																	
28	Site 19	9/25/2017	01011	22.94	22.89	22.64	26.07	26.07	26.34	7.83	7.83	7.76	6.48	6.33	5.99	1.50	3.2	25.9		16	<1						0	4	5	6	1	0	1	4	1	DE
29	Site 19	10/2/2017	00723	19.70	19.42	19.97	26.16	26.23	26.38	7.77	7.76	7.78	5.66	5.34	5.52	1.70	4.9	13.1		23	1						0	4	5	6	0	0	1	8	1	DE
30	Site 19	10/10/17Tu	00954	21.72	21.70	21.60	25.96	26.10	26.23	7.60	7.60	7.61	4.81	4.81	4.74	1.40	3.0	22.7		360	18							3	5	6	2	1	1	8	1	DE
31	Site 19	10/16/2017	no WQM - poor weather																																	
32	Site 19	10/23/2017	737	17.19	17.24	17.30	26.47	26.48	26.55	7.94	7.93	7.91	6.04	6.15	6.20	1.70	3.3	16.1		33	21						0	3	3	6	0	4	0	unknown	3	IH
33	Site 19	10/30/2017	no WQM - poor weather																																	
34																																				
35																																				
36																																				

	Friends of the Bay 2016 Water Quality Data - Flowers Oyster Hatchery - **Laurel Hollow LH1**																																			
	Date	Time	H20 Temp TOP (0.5m)	H2O Temp 1.0 m	H20 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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Friends of the Bay 2016 Water Quality Data - Flowers Oyster Hatchery - **Laurel Hollow LH2**

	.	Time	H20 Temp TOP (0.5m)	H2O Temp 1.0 m	H20 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
LH2																																	
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Friends of the Bay 2016Water Quality Data - Flowers Oyster Hatchery - **Laurel Hollow LH3**

	Date	Time	H20 Temp TOP (0.5m)	H2O Temp 1.0 m	H20 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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