	Friends of the Bay 2020 Water Quality Data - Site 1, Cold Spring Cove South																																						
	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	Floor 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	Tide Stage	Water Color	Surface Condition	Cloud Cover	Wind DIRECTION	Wind SPEED	Weather	Wave Height		Data Entered by	Captain	Sampling Leader
Site 1	7/13/2020 12:15am		MANTA AMPHIBIAN HANDHELD AND SENSOR NOT WORKING - WATER SAMPLE COLLECTED FOR DEPT OF HEALTH																		10	11							1	2	0	0	2	1	2	0		NM	JP	JP
Site 1	7/27/2020 11:45am		26.50	26.30	26.30	26.20	24.31	24.38	25.46	8.07	7.80	7.42	6.06	4.66	3.51	5.5m	7.5	29.1			10	11							0	5	1	0	1	1	2	0		LG	PJ	PJ
Site 1	7/27/2020 11:54AM		26.50	26.30	26.30	26.20	24.31	24.00	25.75	8.04	8.00	7.23	7.25	3.05	2.68	5.5m	3.94	32.4		SAMPLE BOTTLE DROPPED AND CRACKED DUE TO EXTREME HEAT 100+ DEGREES	46	2							0	5	1	0	1	1	2	0		LG	PJ	PJ
Site 1	8/3/2020 10:55AM		24.41	24.20	23.90	24.81	25.00	25.97	7.63	7.62	7.37	4.91	3.92	3.00	1.9m	5.80	32.0				46	2							0	4	0	0	0	1	1	0		LG	PJ	PJ
Site 1	8/10/2020 12:15am		23.80	23.60	23.40	23.40	25.50	24.87	26.06	7.51	7.45	7.32	3.50	3.03	3.31	1.0	4.9	25.4			350	11							0	5	0	0	1	0	1	0		NM	JP	JP
Site 1	8/17/2020 12:01am		23.80	23.60	23.40	23.50	24.87	26.06	7.51	7.45	7.32	3.50	3.03	3.31	1.0	4.9	25.4				350	11							0	5	0	0	1	0	1	0		NM	JP	JP
Site 1	8/24/2020 11:30am		25.07	24.58	24.20	24.76	26.12	26.70	7.47	7.49	7.23	4.41	3.90	3.40	1.1	3.88	21.9				27	1							0	4	0	4 (quite a few bunker schools)	1	0	1	0		NM	JB	JB
Site 1	9/3/2020 10:46am		23.44	24.30	24.47	24.21	25.07	26.03	Sonde was not working used backup	that does not have pH sensor	NA	5.14	3.95	6.16	1.08C	5.95	23.0				30	10							1	4	0	0	4	0	0	0		NM	JB	JB
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Friends of the Bay 2020: Water Quality Data - **Site 2, Coint Spring Cove North**

	Date	Time	H2O Temp TOP (c bin)	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 (meters)	Floor Depth (meters)	Air Temp	H2O Temp BTM monthly	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Total Kjeldahl Nitrogen (TKN)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tide Stage	Water Color	Surface Condition	Cloud Cover	Wind DIRECTION	Wind SPEED	Weather	Wave Height		Data Entered by	Captain	Sampling Leader
Site 2	7/15/2020	12:55pm	WATER WASHED FROZEN													0.9m		29.5	1700	>1							0	4	5	6	5	2	1	1	0		KP	PJ	JB
Site 2	7/29/2020	10:45AM	24.81	24.78	24.77	24.56	24.56	24.56	7.90	7.89	7.43	5.86	5.11	3.10	2.90m	7.10	26.5	34	1								0	3	5	6	1	8	1	2	0		LG	PJ	PJ
Site 2	7/31/2020	11:40AM	25.81	25.80	24.93	24.50	4.36	25.66	8.04	7.98	7.30	7.43	5.1	2.65	0.9m	3.15	26.5	54	1								0	3	5	6	1	8	1	2	0		LG	PJ	PJ
Site 2	8/3/2020	10:21AM	24.21	24.15	23.94	24.57	25.29	25.47	7.55	7.58	7.41	4.62	3.65	3.70	1.4m	3.45	28.3	26	1								0	4	5	6	1	7	1	1	1		LG	PJ	PJ
Site 2	8/10/2020	12:04PM	24.99	24.90	24.77	25.04	25.29	25.29	7.90	7.85	7.35	5.34	4.26	1.24	1.2m	3.60	32.4	48	2								0	4	5	6	1	6	1	1	1		LG	PJ	PJ
Site 2	8/17/2020	10:26AM	23.97	23.94	23.77	25.04	25.29	25.29	7.90	7.85	7.35	5.34	4.26	4.06	1.1	3.60	33.4	68	2								0	4	5	6	1	5	1	1	1		LG	PJ	PJ
Site 2	8/24/2020	11:41am	24.80	24.78	24.13	25.61	26.14	26.51	7.95	7.94	7.34	3.85	3.75	3.34	1.1	3.35	35.8	52	>1								0	4	5	6	1	5	1	2	0		NJ	JB	JB
Site 2	9/31/2020	10:34am	24.56	24.57	24.56	26.06	26.01	26.71	Sonde was not working cond backup		that does not have pH sensor		NA	5.14	5.12	5.32	1.0m	7.20	23.4	10	1						1	4	5	6	4	5	1	3	1		NJ	JB	JB
Site 2																																							

Friends of the Bay 2020 Water Quality Data - Site 3, Cold Spring Harbor South

	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	Floor Depth (meters)	Air Temp	H2O Temp BTM monthly	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tide Stage	Water Color	Surface Condition	Cloud Cover	Wind DIRECTION	Wind SPEED	Weather	Wave Height		Data Entered by	Captain	Sampling Leader	Notes
Site 3	7/13/2020	11:46AM	WATER SAMPLE COLLECTED FOR DEPT OF HEALTH ONLY																																				
Site 3	7/20/2020	11:00AM	25.50	24.14	24.14	25.46	25.46	25.46	7.86	7.81	7.42	5.80	4.34	2.55	1.1m	4.30	27.2	36	<1							0	2	5	4	2	8	1	1	1		NG	JE	JE	
Site 3	7/27/2020	11:23AM	25.50	25.46	23.67	25.42	25.46	25.46	7.79	7.79	7.55	5.12	4.25	2.55	0.9m	4.41	32.5	31	2							0	3	5	5	1	2	1	2	1		LG	PJ	PJ	
Site 3	8/3/2020	10:07AM	23.87	23.84	21.86	25.76	25.86	26.26	7.64	7.63	7.35	4.64	4.20	2.28	1.6m	4.29	27.6	6	<1							0	4	5	5	1	7	1	1	0		LG	PJ	PJ	
Site 3	8/10/2020	11:38AM	25.10	25.10	23.14	25.84	25.94	26.04	7.63	7.61	7.60	5.50	4.20	3.26	1.2m	4.86	26.0	10	1							0	4	5	5	1	0	0	1	1		KG	JE	JE	
Site 3	8/17/2020	9:58am	25.10	25.10	23.18	25.84	25.94	26.03	7.63	7.61	7.60	5.50	4.20	3.26	1.2m	4.86	26.0	10	1							0	4	5	5	1	0	0	1	1		KG	JE	JE	
Site 3	8/24/2020	11:28am	25.00	24.73	24.00	26.69	26.64	27.12	7.46	7.46	7.37	4.50	4.02	4.15	1.2m	4.48	27.2	11	1							0	4	5	5	1	8	1	2	1		MJ	JE	JE	
Site 3	8/31/2020	10:22am	24.98	24.25	24.00	26.05	26.32	26.77	Sonde was not working used backup	that does not have pH sensor		nrs	5.72	6.92	0.92	5.07	24.2	4	2							1	4	5	5	4	2	1	3	1		NJ	JE	JE	no new dead fish
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	Friends of the Bay 2020 Water Quality Data - Site 4, Crest Spring Harbor North																																						
	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	Floor Depth (meters)	Air Temp	H2O Temp BTM monthly	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tidal Stage	Water Color	Surface Condition	Cloud Cover	Wind DIRECTION	Wind SPEED	Weather	Wave Height		Data Entered by	Captain	Sampling Leader
Site 4	7/13/2020	11:34am				WATER SAMPLE COLLECTED FOR DO#3																																	
Site 4	7/20/2020	11:00AM	28.07	26.17	22.70	26.12	26.55	26.87	8.06	8.02	7.61	6.65	5.92	2.99	1.1m	8.73	28.2		0	<1							0	2	5	6	0	0	1	0	0	TC	R	JB
Site 4	7/27/2020	11:15AM	26.07	25.07	23.36	26.12	26.55	26.53	8.06	8.06	7.46	8.70	7.34	4.10	1.3m	5.00	31.5		<1	<1							0	3	5	6	1	0	1	2	0	UO	PJ	PJ
Site 4	8/3/2020	9:56AM	24.29	24.20	21.62	25.84	26.02	26.36	7.71	7.70	7.36	5.16	4.42	2.66	1.8m	6.88	30.9		1	<1							0	4	5	6	1	0	1	1	1	UO	PJ	PJ
Site 4	8/10/2020	9:45am	23.97	23.94	21.60	26.81	26.86	26.87	7.84	7.81	7.45	5.90	5.60	4.05	1.9m	5.00	27.8		5	1							0	3-4	5	6	1	0	1	1	1	TC	R	JB
Site 4	8/17/2020	9:40am	23.97	23.94	21.60	26.81	26.86	26.87	7.84	7.81	7.45	5.90	5.60	4.05	1.9m	5.00	27.8		5	1							0	4	5	6	1	0	1	1	1	TC	R	JB
Site 4	8/24/2020	11:10am	25.50	24.79	26.10	26.86	27.06	27.52	7.83	7.75	7.36	7.10	6.56	6.06	1.1m	5.10	28.8		0	<1							0	4	5	6	1	0	1	2	1	TC	R	JB
Site 4	8/31/2020	10:00am	24.10	24.10	24.10	27.20	27.12	27.13	Sonde was not working used backup	that does not have pH sensor		6.10	6.10	6.06	1.4m	7.26	24.4		2	<1							1	4	5	6	4	2	1	3	1	M	R	JB
Site 4																																						

	Friends of the Bay 2020 Water Quality Data - Site 5, Pier Front																																					
	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	Floor Depth (meters)	Air Temp	H2O Temp BTM monthly	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tide Stage	Water Color	Surface Condition	Cloud Cover	Wind DIRECTION	Wind SPEED	Weather	Wave Height		Data Entered by	Captain	Sampling Leader
Site 5	7/13/2020	11:35am	MAPWBWA NOT WORKING			WATER SAMPLE COLLECTED FOR DEH									1.8m		30.4		1	0			MAPX AMPWBWA NOT WORKING				0	2	5	8	1	2	0	1	1		NA	JM	JM
Site 5	7/20/2020	11:00AM	24.87	25.10	24.50	26.00	26.00	26.00	7.86	7.94	7.79	6.86	6.18	4.93	1.0m	13.10	28.0		+1	+1							0	2	5	8	1	2	1	2	0		LG	PJ	PJ
Site 5	7/27/2020	11:01AM	25.87	25.10	24.50	26.00	26.00	26.00	7.80	7.85	7.79	6.86	6.63	6.27	1.0m	13.17	28.0		+1	+1							0	2	5	8	1	2	1	2	0		LG	PJ	PJ
Site 5	8/3/2020	9:44AM	23.81	23.60	22.94	26.07	26.02	26.03	7.67	7.55	7.47	4.10	4.34	3.86	1.7m	12.42	26.8		0	1							0	4	5	4	1	1	1	1	1		LG	PJ	PJ
Site 5	8/10/2020	9:30AM	24.80	23.80	22.94	26.74	26.67	26.62	7.74	7.63	7.56	4.47	4.52	4.03	1.8m	11.43	25.0		+1	+1							0	4	5	8	1	8	2	1	1		MC	PJ	JM
Site 5	8/17/2020	9:35AM	25.80	23.80	22.94	26.74	26.67	26.62	7.74	7.63	7.56	4.47	4.52	4.03	1.8m	11.43	25.0		+1	+1							0	4	5	8	1	8	2	2	1		NA	JM	JM
Site 5	8/24/2020	10:00am	25.80	24.50	24.50	27.23	27.17	27.27	7.78	7.63	7.57	6.31	6.44	6.18	1.4m	10.34	32.7		+1	+1							0	4	5	8	1	8	1	2	1		NA	JM	JM
Site 5	9/31/2020	9:50am	24.17	24.16	23.93	27.06	27.06	27.07	Sonde was not working used backup	Rail does not have pH sensor		6.26	6.44	6.19	1.7m	3.95	24.5		1	8							1	4	5	5	4	2	1	3	0		NA	JM	JM
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| | **Friends of the Bay 2020** | Water Quality Data - Site 6, Seawanhaka Yacht Club PSTP outfall | | |

Friends of the Bay 2020 Water Quality Data - **Site 7, Oyster Bay Cove**

	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	Floor Depth (meters)	Air Temp	H2O Temp BTM	Fecal Coliform Bacteria	Enterococci	Ammonia	Nitrate	Nitrite	Organic	Total Nitrogen	Rainfall in 24 hours	Tidal Stage	Water Color	Surface Condition	Cloud Cover	Wind DIRECTON	Wind SPEED	Weather	Wave Height		Data Entered by	Captain	Sampling Leader
Site 7	7/13/2020	10:54am	TA AMPHIBIAN NOT WORKING				IPT OF HEALTH								1.4m		28.0		9	1						1	2	5	6	1	2	0	1	0		LD	PJ	PJ
Site 7	7/20/2020	11:49AM		26.70	25.88		25.68	25.61	25.42	7.91	7.89	7.80	6.79	6.61	6.12	1.1m	3.76		30.3	<1						0	1	5	6	1	8	1	2	0		LD	PJ	PJ
Site 7	7/27/2020		TOO SHALLOW																NO SAMPLE																				
Site 7	8/3/2020	10:59AM		25.64	25.32		25.85	25.84	25.88	7.74	7.74	7.73	6.46	6.44	6.46	1.6m	3.30		27.7	2	<1						0	4	5	6	1	7	1	1	1		LD	PJ	PJ
Site 7	8/10/2020		TIDE TOO LOW						TIDE TOO LOW																	0													
Site 7	8/17/2020	8:55am		23.32	23.47		26.05	26.37	26.32	7.61	7.60	7.58	5.33	5.09	5.08	1.4m	3.59		20.8	42	10						2	4	5	1	1	8	1	1	1		kp	jb	jb
Site 7	8/24/2020	DEPTH TOO SHALLOW			DEPTH TOO SHALLOW		DEPTH TOO SHALLOW				DEPTH TOO SHALLOW																											
Site 7	8/31/2020	9:24am		23.76	23.80		23.80	26.72	26.76	Sonde was not working used backup	that does not have pH sensor		6.67	6.69	6.86	1.1m	3.20		21.9	11	10						1	4	5	6	4	2	1	3	0		kp	jb	jb
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Friends of the Bay 2020 Water Quality Data - **Site 8, Oyster Bay STP at White's Creek**

	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 (meters)	Floor Depth (meters)	Air Temp (°C)	H2O	Fecal Coliform	Enterococci	Ammonia	Nitrate	Nitrite	Organic	Total Nitrogen	Rainfall in 24 hours	Tidal Stage	Water Color	Surface Condition	Cloud Cover	Wind DIRECTON	Wind SPEED	Weather	Wave		Data	Captain	Sampling Leader
Site 8	7/13/2020	10:38AM	MANTA AMPHIBIAN NOT WORKING				FOR DEPT OF HEALTH								1.2m		35.3		27	<1						1	2	5	6	1	7	0	1	0		LD	PJ	PJ
Site 8	7/20/2020	12:05AM		26.53	25.14	24.52		25.56	25.57	7.85	7.85	7.65	6.20	5.68	4.88	1.2m	3.75	31.1		2	<1						0	4	5	6	1	8	1	2	0		LD	PJ	PJ
Site 8	7/27/2020	10:25AM		25.45	25.14	25.03		26.14	26.22	26.27	7.77	7.73	6.44	6.29	6.20	1.0m	1.80	31.5		8	4						0	2	5	6	1	7	2	2	0		LD	PJ	PJ
Site 8	8/3/2020	11:14AM		25.22	25.46	24.34		25.85	25.80	25.90	7.70	7.53	5.73	5.29	4.49	1.8m	4.37	31.7		4	1						0	4	5	6	1	7	1	1	1		LD	PJ	PJ
Site 8	8/10/2020	10:10AM		24.45	24.19	23.92		26.57	26.56	26.60	7.65	7.61	7.51	6.07	5.72	5.69	1.6m	2.38	29.7		8	<1						0	2	5	6	0	8	1	1	0		LD	PJ	PJ
Site 8	8/17/2020	8:37am		23.59	23.60	23.55		26.37	26.30	26.35	7.60	7.60	7.59	5.36	5.40	5.57	1.5m	3.78	20.1		8	7						2	4	5	6	1	8	1	1	1		kp	gj	gj
Site 8	8/24/2020	10:19AM		25.26	24.98	25.01		26.91	26.99	26.98	7.69	7.63	7.64	7.30	7.19	7.12	1.3m	1.87	31.5		4	<1						0	3	5	6	1	8	1	2	0		KP	PJ	PJ
Site 8	8/31/2020	9:09am		24.17	24.18	24.22		26.78	26.82	26.81	Sonde was not working used backup	that does not have pH sensor		6.53	6.52	6.52	1.4m	3.58	22.7		6	8						1	4	5	6	4	2	1	3	1		KP	PJ	PJ
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Friends of the Bay **2020** Water Quality Data - **Site 9, Roosevelt Beach**

	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 (m)	Depth (meters)	Air Temp	H2O Temp BTM monthly	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tide Stage	Water Color	Surface Condition	Cloud Cover	Wind DIRECTION	Wind SPEED	Weather	Wave Height		Data Entered by	Captain	Sampling Leader
Site 9	7/13/2020	10:22am	3 AMPHIBIANS NOT WORKING				TED FOR DEPT OF HEALTH									1.9m		27.17	8	<1							0	2	0	8	0	7	0	1	0		LJG	PJ	PJ
Site 9	7/21/2020	10:15AM	25.48	24.48	24.38	28.11	28.16	28.73	7.68	7.69	7.63	5.12	5.08	5.08	1.5m	2.71	30.56	27.67	8	<1							0	2	0	8	1	6	1	2	0		LJG	PJ	PJ
Site 9	7/27/2020	10:14AM	25.86	25.24	25.06	28.11	28.16	28.00	7.76	7.75	7.75	5.36	5.06	5.05	3.0m	2.10	30.6	28.33	8	<1							0	2	0	8	1	6	1	2	0		LJG	PJ	PJ
Site 9	8/3/2020	9:59AM	24.67	24.27	23.96	28.80	28.82	29.96	7.60	7.56	7.51	4.82	4.96	4.14	1.9m	3.06	27.92	27.67	8	2							0	2	0	8	1	7	1	1	1		LJG	PJ	PJ
Site 9	8/10/2020	10:00AM	25.52	25.06	24.93	28.31	28.37	29.48	7.59	7.58	7.56	5.17	4.97	5.04	1.9m	2.23	27.5	27.67	8	2							0	2	0	8	1	NA	1	1	1		MS	PJ	PJ
Site 9	8/17/2020	09:50AM	25.53	25.06	25.00	28.31	28.37	29.60	7.59	7.58	7.56	5.17	4.97	5.04	1.9m	2.23	27.5	27.67	26	10							0	4	0	8	1	8	1	2	0		MS	PJ	PJ
Site 9	8/24/2020	10:08AM	25.30	depth too shallow	25.17	28.80	depth too shallow	29.84	7.62	depth too shallow	7.59	5.90	depth too shallow	6.85	1.6m	1.90	28.33	27	<1								0	3	0	8	1	8	1	2	0		KP	PJ	PJ
Site 9	9/31/2020	9:50am	24.25	24.35	24.35	28.77	28.87	29.87	Sonde was not working used backup		that does not have pH sensor			6.00	1.2m	3.96	20.2	30	2								1	4	0	8	4	5	1	0	1		KP	PJ	PJ
Site 9																																						

Friends of the Bay **2020** Water Quality Data - **Site 10, Beekman Beach**

	Date	Time	H20 Temp TOP (0.5m)	H20 Temp 1.0 m	H20 Temp 3.5 m from BTM	Salinity TOP	Salinity 1.0 m	Salinity BTM	Phi Top	Phi 1.0 m	Ph .5 m from BTM	Top DO	DO 1.0 m	BTM DO	Secchi	Floor Depth (meters)	Air Temp	H2O Temp BTM monthly	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tide Stage	Water Color	Surface Condition	Cloud Cover	Wind DIRECTION	Wind SPEED	Weather	Wave Height		Data Entered by	Captain	Sampling Leader
Site 10	7/13/2020	10:15am	5 AMPHIBIANS NOT WORKING												1.8m		26.0		23	0						1	2	5	6	1	P	1	1	1	1		LG	PJ	PJ
Site 10	7/27/2020	8:45AM	25.47	25.47	24.78	25.34	25.34	25.42	7.78	7.75	7.69	9.73	9.45	4.85	1.0m	5.04	27.8		11	0						0	2	5	6	1	P	1	1	2	0		LG	PJ	PJ
Site 10	8/3/2020	8:45AM	25.47	25.27	25.08	25.36	26.01	26.15	7.76	7.76	7.70	9.31	9.02	6.65	1.4m	4.08	31.8		11	0						0	2	5	6	1	P	1	1	2	0		LG	PJ	PJ
Site 10	8/3/2020	8:46AM	25.73	25.84	25.62	25.55	25.59	26.70	7.71	7.71	7.63	6.66	5.80	5.45	1.3m	4.75	28.0		120	13						0	4	5	6	1	P	1	1	1	0		LG	PJ	PJ
Site 10	8/10/2020	8:44AM	25.67	25.67	25.37	26.38	26.47	26.71	7.65	7.64	7.58	5.97	5.57	5.06	1.0m	4.16	29.5		170	11						0	4	5	6	1	P	1	1	1	1		MJ	PJ	PJ
Site 10	8/17/2020	8:45AM	25.67	25.67	25.39	26.35	26.41	26.70	7.62	7.61	7.58	5.61	5.37	5.06	1.0m	4.16	26.5		170	11						0	4	5	4.25m	1	P	1	1	1	1		Nat	JB	JB
Site 10	8/24/2020	9:55am	25.11	24.90	24.78	26.52	26.52	26.82	7.61	7.64	7.56	6.91	6.70	6.60	1.4m	3.73	27.4		36	17						0	2	5	6	1	P	1	1	2	1		Nat	JB	JB
Site 10	9/21/2020	9:35am	24.1	24.56	24.53	26.61	26.76	26.77	Sonde was not working used backup		that does not have pH sensor		6.57	6.26	0.9m	3.00	20.6		16	11						1	4	5	6	4	P	1	1	0	0		Nat	JB	JB
Site 10																																						

Friends of the Bay **2020** Water Quality Data - Site 11, West Harbor

	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 (m)	Floor Depth (meters)	Air Temp	H2O Temp BTM monthly	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tide Stage	Water Color	Surface Condition	Cloud Cover	Wind DIRECTION	Wind SPEED	Weather	Wave Height		Data Entered by	Captain	Sampling Leader
Site 11	7/13/2020	9:30am	28.01	25.84	25.09	25.41	26.46	26.92	7.86	7.86	7.59	6.87	6.45	5.46	1.5m	2.62	28	Eco specimen collected 1st run and having problems with motor									1	2	5	8	1	7	1	1	1		LG	PJ	PJ
Site 11	7/27/2020	9:15am	29.49	26.75	25.37	26.01	26.60	26.96	7.91	7.86	7.72	7.67	7.33	6.36	0.8m	2.91	30.5		1	<1							0	2	5	8	1	8	1	2	0		LG	PJ	PJ
Site 11	8/3/2020	8:10AM	29.66	29.61	28.50	26.90	26.92	26.65	7.96	7.96	7.51	5.13	4.89	4.68	1.2m	3.16	27.3		<1	1							0	4	5	8	3	7	1	2	1		LG	PJ	PJ
Site 11	8/10/2020	8:10AM	29.05	28.66	28.06	26.27	26.35	26.23	7.94	7.97	7.96	5.46	5.40	5.40	1.4m	4.04	28.6		0	<1							0	4	5	8	1	8	1	1	1		MC	PJ	PJ
Site 11	8/17/2020	10:30am	29.03	28.66	28.06	26.27	26.35	26.23	7.94	7.97	7.96	5.46	5.40	5.40	1.4m	4.04	28.6		0	<1							0	4	5	8	1	8	1	1	1		MC	JB	JB
Site 11	8/24/2020	9:10am	25.67	25.42	25.23	26.63	26.60	26.60	7.76	7.72	7.65	7.35	7.19	7.01	1.0m	2.46	29.6		1	2							0	2	5	8	1	0	0	2	0		MC	JB	JB
Site 11	9/21/2020	7:00am	24.48	24.47	24.44	26.72	26.73	26.73	Sonde was not working used backup	Well does not have pH sensor		6.46	6.50	6.59	1.0m	3.44	19.1		1	<1							1	2	5	8	4	2	1	0	0		MC	JB	JB
Site 11																																						

Friends of the Bay **2020** Water Quality Data - **Site 12, Turtle Cove**

	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 (m)	Floor Depth (meters)	Air Temp	H2O Temp BTM monthly AVG	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Organic Nitrogen (N)	Total Nitrogen	Total Nitrogen	Rainfall in 24 hours	Tidal Stage	Water Color	Surface Condition	Cloud Cover	Wind DIRECTION	Wind SPEED	Weather	Wave Height		Data Entered by	Captain	Sampling Leader
Site 12	1/13/2020	9:46am	AMPHIBIAN NOT WORKING																+1	+1							1	2	5	6	1	7	1	1	5		LD	PJ	PJ
Site 12	2/26/2020	11:37AM	26.32	27.94	WATER SAMPLE COLLECTED FOR DEPT OF HEALTH	25.94	25.44	25.36	29.53	7.87	7.87	7.63	6.26	5.80	4.84	0.9m	3.71	30.4	0	+1							0	1	5	6	2	6	1	2	5		LD	PJ	PJ
Site 12	7/27/2020	9:32AM	27.27	27.26	25.57	25.94	26.01	26.01	7.64	7.63	7.60	4.75	4.11	4.26	0.9m	2.00	30.5	1	+1								0	2	5	6	3	6	1	2	5		LD	PJ	PJ
Site 12	8/3/2020	8:33AM	28.64	28.44	26.44	25.40	25.94	25.91	7.57	7.57	7.57	5.31	5.32	5.37	1.1m	2.06	27.4	15	8								0	4	5	6	3	8	1	1	2		LD	PJ	PJ
Site 12	8/10/2020	9:08AM	26.32	26.20	26.34	26.33	26.34	26.26	7.69	7.67	7.58	5.74	5.50	5.12	1.0m	1.97	27.6	+1	+1								0	2	5	4	0	7	1	1	0		LD	PJ	PJ
Site 12	8/17/2020	9:15am	28.42	28.42	26.97	26.80	26.80	26.80	7.62	7.62	7.61	5.14	5.14	5.20	0.9m	1.84	27.8	1	+1								0	2	5	6	1	4	1	1	0		LD	PJ	PJ
Site 12	8/24/2020	9:33am	28.45	depth too shallow	26.97	26.80	depth too shallow	26.80	7.62	depth too shallow	7.61	5.14	depth too shallow	5.20	0.9m	1.84	27.8	1	+1								0	2	5	6	1	4	1	1	0		NA	JS	JS
Site 12	8/31/2020	8:10am	24.01	24.04	23.45	26.67	26.69	26.77	Sonde was not working used backup	that does not have pH sensor		5.84	5.74	6.10	0.7m	2.63	20.3	2	1								1	4	5	6	4	1	1	0	0		NA	JS	JS
Site 12																																							

Friends of the Bay **2020**Water Quality Data - **Site 13, Mill Neck Creek East**

	Date	Time	H2O Temp TOP (Ø.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 (m)	Floor Depth (meters)	Air Temp	H2O Temp BTM monthly	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Total Kjeldahl Nitrogen (TKN)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tide Stage	Water Color	Surface Condition	Cloud Cover	Wind DIRECTION	Wind SPEED	Weather	Wave Height		Data Entered by	Captain	Sampling Leader
Site 13	7/13/2020	8:10am	25.41	24.96	24.93	24.84	25.41	25.50	7.92	7.95	7.97	5.20	5.20	4.95	1.0m	2.73	28.8	NO SPECIMEN COLLECTED MOTOR PROBLEM									1	2	5	4	1	6	1	2	1		LG	PJ	PJ
Site 13	7/20/20	8:10am	26.50	26.49	26.49	25.80	25.80	25.80	7.72	7.72	7.72	3.60	3.60	3.60	1.0m	2.34	27.7		13								0	2	5	4	2	5	1	2	1		LG	PJ	PJ
Site 13	7/27/20	8:47AM	26.50	26.49	26.50	25.00	25.48	25.72	7.63	7.63	7.67	3.50	3.21	3.18	0.4m	2.34	27.7		61								0	2	5	4	2	5	1	2	1		LG	PJ	PJ
Site 13	8/3/20	12:39PM	26.49	26.47	26.89	25.50	25.57	25.58	7.70	7.70	7.67	5.66	5.66	5.00	1.0m	4.11	26.1		10	+1							0	1	5	4	0	6	1	1	1		LG	PJ	PJ
Site 13	8/10/20	8:10am	24.78	24.50	24.50	26.24	26.32	26.32	7.66	7.66	7.66	4.50	4.50	4.50	1.0m	3.90	26.8		10	+1							0	2	5	4	1	NA	0	1	1		LG	PJ	PJ
Site 13	8/17/20	11:55am	24.78	24.50	24.50	26.24	26.32	26.32	7.66	7.66	7.66	4.50	4.50	4.51	1.0m	3.90	26.8		10	+1							0	2	5	4	1	4	0	1	0		LG	PJ	PJ
Site 13	8/24/20	8:38am	25.40	25.40	25.40	26.07	26.00	26.11	7.52	7.53	7.55	4.40	4.52	4.64	0.8m	3.07	27.2		50	31							0	2	5	4	1	4	0	1	0		MJ	JB	JB
Site 13	8/31/20	12:22pm	24.42	24.40	24.34	26.70	26.70	26.70	Sonde was not working used backup	that does not have pH sensor		8.24	8.13	8.26	0.8m	4.27	22.0		10	1							1	4	5	4	4	2	2	1	1		MJ	JB	JB
Site 13																																							

Friends of the Bay **2020** Water Quality Data - **Site 14, Mill Neck Creek West**

	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 (m)	Floor Depth (meters)	Air Temp	H2O Temp BTM monthly	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tide Stage	Water Color	Surface Condition	Cloud Cover	Wind DIRECTION	Wind SPEED	Weather	Wave Height		Data Entered by	Captain	Sampling Leader
Site 14	7/13/2020	MANTA AMPHIBIAN NOT WORKING				WATER SAMPLE COLLECTED FOR DEPT OF HEALTH																																	
Site 14	7/27/2020	8:00AM	26.93	26.93	26.93	26.93	26.93	24.60	7.20	N/A	7.20	2.96	N/A	3.15	0.7m	1.14	28.7			41						0	4	5	6	4	2	1	2	0		LZ	PJ	PJ
Site 14	7/27/2020	8:30AM	26.89	26.89	26.89	26.90	26.93	25.43	7.63	7.60	7.53	5.66	5.36	5.51	0.9m	2.35	31.2			40						0	2	5	6	2	2	1	2	0		LZ	PJ	PJ
Site 14	8/3/2020	12:00PM	27.12	27.12	26.03	26.39	26.39	25.75	7.60	7.86	7.66	5.60	5.60	5.14	0.8m	3.78	33.7			10	<10					0	1	5	6	0	2	1	1	1		LZ	PJ	PJ
Site 14	8/10/2020	7:00am	26.29	26.29	25.97	26.46	26.46	26.46	7.56	7.56	7.55	5.10	5.10	5.47	0.9m	1.95	26.4			20	<10					0	2	5	6	1	0	1	2	1		No	PJ	PJ
Site 14	8/17/2020	11:00am	26.29	26.29	25.91	26.46	26.83	26.46	7.56	7.56	7.55	5.10	5.10	5.47	0.9m	1.95	26.4			20	<10					0	2	5	6	1	0	0	2	0		No	JB	JB
Site 14	8/24/2020	7:01am	26.36	26.36	26.36	26.36	26.36	26.36	7.23	7.24	7.22	3.92	4.00	4.30	0.8m	1.95	25.7			52	43					0	2	5	6	1	0	0	2	0		No	JB	JB
Site 14	8/31/2020	n/a			SKIDAT ENGINE BREAK IN PERIOD NOT ENOUGH TIME TO GET TO ALL 18 STATIONS DUE TO SPEED LIMITATIONS																																		
Site 14				

	Friends of the Bay 2020 Water Quality Data - Site 15, Mill Neck Creek South																																							
	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 (m)	Floor Depth (meters)	Air Temp	H2O Temp BTM monthly	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tide Stage	Water Color	Surface Condition	Cloud Cover	Wind DIRECTION	Wind SPEED	Weather	Wave Height		Data Entered by	Captain	Sampling Leader
Site 15	7/13/2020	7:59am	MANTA AMPHIBIAN NOT WORKING		WATER SAMPLE COLLECTED FOR DEPT OF HEALTH										0.7m	25.6			51	10							1	1	5	6	2	NW	1	1	0		LO	P.J	P.J
Site 15	7/27/2020	7:55AM	TIDE TOO LOW																10	2							0	2	5	6	2	N/A	0	2	0		LO	P.J	P.J
Site 15	7/27/2020	7:55AM	27.21	TOO SHALLOW	27.22	25.19	TOO SHALLOW	25.40	7.46	TOO SHALLOW	7.47	4.72	TOO SHALLOW	4.72	0.6m	1.36	32.5		130	26							0	2	5	6	2	NW	1	1	1		LO	P.J	P.J
Site 15	8/3/2020	11:59AM	27.76		27.22	24.84	25.00	25.08	7.51		7.50	5.24	5.44	5.54	0.8m	2.22	32.6		50	1							0	4	5	6	0	2	1	1	1		LO	P.J	P.J
Site 15	8/3/2020	11:59AM	TIDE TOO LOW			TIDE TOO LOW			TIDE TOO LOW										0	0							0	0	5	6	1	0	1	1	1		LO	P.J	P.J
Site 15	8/17/2020	11:31am	27.76		23.96	24.80	25.36	25.40	7.46	7.46	7.47	4.76	4.60	4.67	0.8m	2.16	34.1		780	51							0	0	5	6	1	0	1	1	1		KD	P.J	P.J
Site 15	8/24/2020	DEPTH TOO SHALLOW	1.3 feet depth finder reading on boat	DEPTH TOO SHALLOW			DEPTH TOO SHALLOW				DEPTH TOO SHALLOW																										KD	P.J	P.J
Site 15	8/31/2020	n/a	BOAT ENGINE BREAK IN PERIOD NOT ENOUGH TIME	TO GET TO ALL 19 STATIONS DUE TO SPEED LIMITATIONS																																	MP	P.J	P.J
Site 15																																							

Friends of the Bay 2020 Water Quality Data - Site 16, Mill Neck Creek North

	Date	Time	H2O Temp TOP (0.3m)	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 (m)	Floor Depth (meters)	Air Temp	H2O Temp BTM monthly	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tide Stage	Water Color	Surface Condition	Cloud Cover	Wind DIRECTION	Wind SPEED	Weather	Wave Height		Data Entered by	Captain	Sampling Leader
Site 16		7/13/2020	MANTA AMPHIBIAN NOT WORKING			WATER SAMPLE COLLECTED FOR DEPT OF HEALTH												NO SPECIMEN COLLECTED MOTOR PROBLEM																			LJC	PJ	PJ
Site 16		7/15/2020	TIDE TOO LOW																							0	1	5									LJC	PJ	PJ
Site 16		7/21/2020	8:15AM	25.90	TOO SHALLOW	26.47	25.52	TOO SHALLOW	25.75	7.49	TOO SHALLOW	7.90	5.08	TOO SHALLOW	5.30	0.7m	1.36	30.1	SAMPLE BOTTLE DROPPED AND CRACKED DUE TO EXTREME HEAT 100+ DEGREES							0	2	5	6	2	0	1	2	0	LJC	PJ	PJ
Site 16		8/3/2020	12:15PM	27.57	26.44	26.15	25.23	26.51	25.98	7.61	7.61	7.60	5.67	5.45	5.48	0.9m	2.33	30.4		36	+1					0	1	5	6	0	0	1	1	0	LJC	PJ	PJ
Site 16		8/17/2020	TIDE TOO LOW					TIDE TOO LOW																		0	2	5	6	1	0	1	1	1	LJC	PJ	PJ
Site 16		8/19/2020	11:41AM	23.96	23.93	26.50	26.50	26.31	26.20	7.53	7.56	7.56	5.56	5.66	5.67	0.9m	2.10	23.5		260	7					0	2	5	6	1	0	1	1	1	LJC	PJ	PJ
Site 16		8/24/2020	DEPTH TOO SHALLOW	1.3 feet depth finder reading on boat			DEPTH TOO SHALLOW						DEPTH TOO SHALLOW																								LJC	PJ	PJ
Site 16		8/31/2020	no BOAT ENGINE BREAK IN PERIOD NOT ENOUGH TIME	TO GET TO ALL 19 STATIONS DUE TO SPEED LIMITATIONS														DEPTH TOO SHALLOW																			KP	PJ	PJ
Site 16																																						

Friends of the Bay **2020** Water Quality Data - Site 17, The Bitches 53P

	Date	Time	H2O Temp TOP (0.5m)	H2O Temp 1.0 m	H2O Temp 3.0 m from B?M	Salinity TOP	Salinity 1.0 m	Salinity B?M	PH Top	PH 1.0 m	PH. 3 m from B?M	Top DO	DO 1.0	B?M DO	Secchi	Depth (meters)	Air Temp	H2O Temp B?M monthly	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tide Stage	Water Color	Surface Condition	Cloud Cover	Wind DIRECTION	Wind SPEED	Weather	Wave Height		Data Entered by	Capture	Sampling Leader
Site 17		7/13/2020	MANTA AMPHIBIAN NOT WORKING			WATER SAMPLE COLLECTED FOR DEPT OF HEALTH													NO SPECIMEN COLLECTED MOTOR PROBLEM																			
Site 17		7/27/2020																	0								0	1	5	2	1	1	0	0		LD	PJ	PJ
Site 17		7/31/2020	8.23NR	DEPTH TOO SHALLOW		26.66	DEPTH TOO LOW		25.08	DEPTH TOO LOW		7.25	DEPTH TOO LOW		3.19	0.4M	0.91	29.9	32	9							0	2	5	6	2	2	5	2	0	LD	PJ	PJ
Site 17		8/3/2020		TOO SHALLOW TO TAKE DATA															NO SPECIMEN COLLECTED																			
Site 17		8/17/2020		TIDE TOO LOW			TIDE TOO LOW																				0	3										
Site 17		8/20/2020		TOO SHALLOW TO TAKE DATA			too shallow to collect sample												too shallow to collect sample																	LD	PJ	PJ
Site 17		8/24/2020		DEPTH TOO SHALLOW	1.3 feet depth finder reading on boat		DEPTH TOO LOW			DEPTH TOO LOW				DEPTH TOO LOW					too shallow to collect sample																	KP	PJ	PJ
Site 17		8/31/2020	n/a	BOAT ENGINE BREAK IN PERIOD NOT ENOUGH TIME	TO GET TO ALL 19 STATIONS DUE TO SPEED LIMITATIONS																															KP	PJ	PJ
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Friends of the Bay **2020** Water Quality Data - Site 18, Mill Neck Cove

	Date	Time	H2O Temp TOP (0.3m)	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 (m)	Pool Depth (meters)	Air Temp	H2O Temp BTM monthly	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tide Stage	Water Color	Surface Condition	Cloud Cover	Wind DIRECTION	Wind SPEED	Weather	Wave Height		Data Entered by	Captain	Sampling Leader
Site 18	7/13/2020		WANTA AMPHIBIAN NOT WORKING			WATER SAMPLE COLLECTED FOR DEPT OF HEALTH																																	
Site 18	7/27/2020		TIDE TOO SHALLOW																																				
Site 18	7/31/2020	9:00AM		25.13	26.06	25.80	25.86	25.94	25.54	7.88	7.71	7.73	6.34	6.37	6.37	0.9m	1.77	31.6	SAMPLE BOTTLE DROPPED AND CRACKED DUE TO EXTREME HEAT 100+ DEGREES								0	0	0	6	0	0	1	0	0	LIO	P.J	P.J
Site 18	8/3/2020	12:44PM		26.40	26.41	25.77	25.80	25.55	25.57	7.70	7.70	7.59	5.82	5.65	6.15	1.1m	3.06	31.6		2	+1							0	0	0	6	0	0	1	1	1	LIO	P.J	P.J
Site 18	8/10/2020	9:00AM		24.77	24.77	24.96	25.12	25.25	26.20	7.69	7.69	7.67	6.09	5.95	5.95	1.2m	2.65	25.5		0	0							0	0	0	6	0	0	1	1	1	LIO	P.J	P.J
Site 18	8/17/2020	12:00PM		24.77	24.77	24.96	25.12	25.13	25.54	7.69	7.69	7.67	6.09	5.95	5.95	1.2m	2.65	25.5		12	1							0	0	0	6	0	0	1	1	1	LIO	P.J	P.J
Site 18	8/24/2020	8:00AM		25.51	DEPTH TOO SHALLOW	25.42	25.30	DEPTH TOO SHALLOW	26.54	7.39	DEPTH TOO SHALLOW	7.46	5.26	DEPTH TOO SHALLOW	5.70	0.7M	1.40	31.8										0	0	0	6	1	0	1	2	0	***	P.J	P.J
Site 18	8/31/2020	12:11PM		24.40	24.43	24.36	24.60	24.85	26.31	Sonde was not working used backup	Not does not have pH sensor		6.80	6.66	6.70	1.1m	3.20	26.4		6	+1								4	0	0	4	0	0	1	0	1	***	P.J	P.J
Site 18																																						

Friends of the Bay 2020 Water Quality Data - Site 19, Flowers Oyster Hatchery

	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 (m)	Floor Depth (meters)	Air Temp	H2O Temp BTM monthly	Fecal Coliform Bacteria	Enterococci	Ammonia (NH3)	Nitrate (NO3)	Nitrite (NO2)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tide Stage	Water Color	Surface Condition	Cloud Cover	Wind DIRECTION	Wind SPEED	Weather	Wave Height		Data Entered by	Captain	Sampling Leader
Site 19		7/13/2020	9:11am	24.80	24.80	24.30	25.45	25.54	26.66	7.72	7.74	7.85	6.38	6.10	5.70	1.4m	3.82	26.0	NO SPECIMEN COLLECTED MOTOR PROBLEM								0	2	5	4	0	8	1	1	0		Ad	PJ	PJ
Site 19		7/21/2020	12:45PM	27.00	27.00	26.40	25.62	25.62	25.92	7.66	7.66	7.77	7.27	6.98	3.85	2.7m	3.7	32.0	SAMPLE BOTTLE DROPPED AND CRACKED DUE TO EXTREME HEAT 100+ DEGREES								0	3	5	5	1	7	1	2	0		LD	PJ	PJ
Site 19		8/3/2020	12:55PM	27.13	26.82	25.91	25.43	25.45	25.76	7.67	7.66	7.55	5.68	5.57	4.92	1.9m	6.6	32.4	2	>10							0	2	5	4	0	7	1	1	1		LD	PJ	PJ
Site 19		8/10/2020	12:14pm	28.94	28.94	26.37	26.37	26.37	26.28	7.67	7.66	7.57	4.68	4.66	3.9m	1.8m	4.6	29.0	0	>10							0	2	5	4	0	8	1	1	1		Ad	PJ	PJ
Site 19		8/17/2020	12:14pm	28.94	28.94	26.37	26.37	26.37	26.03	7.67	7.66	7.57	5.02	5.14	3.66	1.1m	4.66	24.0	13	>10							0	2	5	4	0	8	1	1	1		Ad	JD	JD
Site 19		8/24/2020	RAN SHORT ON TIME	TO GET SAMPLES TO LAB	RAN SHORT ON TIME NEEDED TO GET SAMPLES TO LAB - NO SAMPLE TAKEN							RAN SHORT ON TIME NEEDED TO GET SAMPLES TO LAB - NO SAMPLE TAKEN							RAN SHORT ON TIME NEEDED TO GET SAMPLES TO LAB - NO SAMPLE TAKEN																				
Site 19		8/31/2020	7:30AM	24.50	24.44	24.44	26.30	26.33	26.43	Sonde was not working used backup	that does not have pH sensor		5.28	5.07	5.34	0.8m	4.10	19.4	12								1	3	5	5	4	8	1	3	0		Ad	JD	JD
Site 19																																						