	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																																					
Site 1	7/27/2020 11:45am		26.50	26.50	26.50	24.31	24.38	25.46	8.07	7.82	7.42	6.06	4.66	3.51	0.5m	5.97	29.1			10	+/-							1	2	5	6	0	2	1	2	0		Nd	JP	JP
Site 1	7/27/2020 11:54AM		26.50	26.50	26.50	24.31	24.00	25.71	8.04	8.00	7.23	7.23	3.05	2.68	0.5m	3.94	32.4			0	0							0	5	5	6	1	6	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	1.5m	5.60	32.0			46	2							0	4	5	6	0	7	1	1	0		LG	PJ	PJ
Site 1	8/10/2020 12:01am		25.80	25.80	25.80	25.50	24.97	26.06	7.51	7.49	7.32	3.50	3.51	3.51	1.0	4.18	29.4			350	+/-							0	4	5	6	1	8	1	2	1		Nd	JP	JP
Site 1	8/17/2020 12:21am		25.80	25.80	25.80	25.50	24.97	26.06	7.51	7.49	7.32	3.50	3.50	3.50	1.0	4.18	29.4			350	+/-							0	4	5	6	1	8	1	2	1		Nd	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	31.9			27	1							0	4	5	6.4 (quite a few bunker schools)	1	8	1	2	1		Nd	JB	JB
Site 1	9/31/2020 10:46am		23.44	24.30	24.41	24.21	25.17	26.53	Sonde was not working used backup	that does not have pH sensor	NA	5.14	3.95	3.10	1.0M2	5.90	25.0			30	10							1	4	5	6	4	0	0	2	1		Nd	JB	JB
Site 1	9/8/2020 11:27am		24.14	24.00	24.31	25.90	26.24	26.96	Sonde was not working used backup	that does not have pH sensor		4.08	3.75	3.91	1.1m	4.53	27.2			0	+/-							0	4	5	4 -1 dead fish	2	1	1	2	1		Kd	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	7/13/2020	12:55pm	WATER WASHED FROZEN		WATER SAMPLE COLLECTED FOR DEPT OF HEALTH																						0	4	5	6	5	2	1	1	0		KP	P.J	JP
Site 2	7/27/2020	10:45AM	24.77	24.77	24.77	24.39	24.39	24.39	25.48	7.80	7.80	7.43	5.80	5.11	3.10	2.90m	7.10	26.5	110	<1							0	3	5	6	1	8	1	2	0		LG	P.J	PJ
Site 2	7/27/2020	11:45AM	25.87	25.86	24.93	24.50	4.36	25.86	8.04	7.88	7.30	7.43	4.52	3.80	2.00	3.9m	2.10	26.5	54	1							0	3	5	6	1	8	1	2	0		LG	P.J	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	3.60	3.70	1.4m	3.45	28.3	26	1								0	4	5	6	1	7	1	1	1		LG	P.J	PJ
Site 2	8/10/2020	12:04PM	24.90	24.90	24.90	25.17	25.29	25.29	7.90	7.90	7.90	5.34	4.28	1.86	1.2m	3.60	27.4	48	2								0	4	5	6	1	8	1	1	1		LG	P.J	PJ
Site 2	8/17/2020	11:00am	24.80	24.80	23.97	25.29	25.29	25.29	7.90	7.90	7.90	5.34	4.28	3.80	1.1	3.60	22.4	48	2								0	4	5	6	1	8	1	1	1		LG	P.J	PJ
Site 2	8/24/2020	11:41am	24.80	24.18	24.13	25.61	26.14	26.51	7.28	7.34	7.34	3.85	3.70	3.34	1.1	5.35	26.8	52	<1								0	4	5	6	1	1	1	2	0		MJ	JB	JB
Site 2	9/31/2020	10:34am	24.59	24.07	24.96	25.95	26.01	26.71	Sonde was not working used backup		that does not have pH sensor		NA	5.14	5.12	5.32	1.0m	7.25	23.4	10	1						1	4	5	6-Sea foam on shoreline		2	1	1	2	1		MJ	JB	JB
Site 2	9/8/2020	11:06am	23.84	23.80	23.96	26.94	26.51	27.20	Sonde was not working used backup		that does not have pH sensor			3.89	3.87	3.76	1.4m	8.45	27.8	8	<1						0	4	5										
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																																				
Site 3	7/20/2020	10:00AM	24.14	24.08	23.93	25.46	25.49	26.58	7.89	7.81	7.40	5.80	4.34	2.55	1.1m	4.35	27.2	36	<1							0	2	5	4	2	8	1	1	1		Mj	Pj	Pj	
Site 3	7/27/2020	11:23AM	25.50	25.46	23.67	25.42	25.49	26.25	7.79	7.79	7.55	5.12	4.23	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	4.84	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	9:38AM	24.12	24.10	23.06	25.84	25.94	26.62	7.63	7.61	7.60	5.30	4.23	1.26	1.2m	4.86	26.0	10	1							0	4	5	5	1	0	0	1	1		MJ	PJ	PJ	
Site 3	8/17/2020	9:08am	25.10	25.08	23.14	25.88	25.94	26.63	7.63	7.61	7.60	5.30	4.20	1.26	1.2m	4.86	26.0	10	1							0	4	5	5	1	0	0	1	1		MJ	PJ	PJ	
Site 3	8/24/2020	11:28am	25.00	24.73	24.00	26.69	26.84	27.12	7.46	7.36	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	PJ	PJ	
Site 3	8/31/2020	10:23am	24.56	24.25	24.50	26.05	26.32	26.77	Sonde was not working used backup	that does not have pH sensor		5.73	5.50	4.50	1.0m	5.07	24.2	4	2							1	4	5	4	2	1	1	2	1		MJ	PJ	PJ	some dead fish
Site 3	9/8/2020	10:54am	24.14	24.08	23.93	26.63	26.82	27.29	Sonde was not working used backup	that does not have pH sensor		4.54	4.30	4.33	1.5m	5.17	24.7	8	<1							0	4	5	6- Sea foam on shoreline	3	1	1	2	1		MJ	PJ	PJ	6- Sea foam on shoreline
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Friends of the Bay 2020 Water Quality Data - Site 4, Crab Spring Harbor, Nov

	Date	Time	H2O Temp 10F - (0.5m)	H2O Temp 1.0 m	H2O Temp 0.5 m from BTM	Salinity 10M	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 AVG	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 4			11 Secchi IS UNPRESENT IF VISIBLE																																					
Site 4	7/20/2020	9:00AM	26.27	26.17	22.10	25.27	25.40	25.87	8.04	8.02	7.61	6.60	5.92	3.90	1.14	4.72	86.12		0	<1							0	4	5	0	1	4	1	2	0		LG	AG	AG		
Site 4	8/3/2020	11:12AM	26.47	26.47	23.99	25.14	25.55	26.05	8.05	8.06	7.86	6.10	7.24	4.10	1.64	5.89	87.35		<1	<1							0	4	5	0	1	4	1	0	0		LG	AG	AG		
Site 4	8/17/2020	9:00AM	24.80	24.80	23.50	26.00	26.00	26.00	7.95	7.95	7.95	5.97	5.97	5.97	1.64	5.90	78.80		0	<1							0	4	5	0	0	4	1	0	0		LG	AG	AG		
Site 4	8/19/2020	10:00AM	24.80	24.41	22.60	26.90	26.90	27.01	7.93	7.95	7.85	5.97	5.95	4.10	1.64	5.90	80.02		0	<1							0	3.4	5	0	0	4	1	0	0		LG	AG	AG		
Site 4	9/3/2020	8:00am	22.47	22.74	20.50	26.81	26.90	26.97	7.93	7.95	7.85	5.90	5.90	4.00	1.64	5.70	67.40		0	<1							0	4	5	0	1	4	1	0	0		NA	AB	AB		
Site 4	9/17/2020	9:00am	22.47	22.74	20.50	27.01	27.01	27.01	7.95	7.95	7.85	5.90	5.90	4.00	1.64	5.70	67.40		0	<1							0	4	5	0	1	4	1	0	0		NA	AB	AB		
Site 4	9/21/2020	10:00am	24.12	24.12	21.32	27.20	27.12	27.12	Bottle is as not a rifling used backup		that does not have pH sensor			6.18	1.64	6.20	6.90	1.64	2.26	24.43							0	4	5	0	4	1	1	0	1	NA	AB	AB		
Site 4	9/30/2020	10:30am	24.45	24.45	23.00	27.38	27.37	27.38	Bottle is as not a rifling used backup		that does not have pH sensor			6.15	3.48	5.71	1.64	4.66	26.1								0	4	5	0	4	1	0	0		NA	AB	AB	Fall sampling. 2 ice trenes spotted in the distance off lone	a rib near yellow and orange Seiko. difficult to spot them
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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	Notes
Site 5	7/13/2020	11:35am	MAPHIBIAN NOT WORKING			WATER SAMPLE COLLECTED FOR DOH																																		
Site 5	7/27/2020	10:00AM	24.97	25.10	24.52	26.20	26.20	26.20	7.85	7.84	7.70	6.86	6.55	6.27	1.0m	13.19	25.0		<1	<1							0	2	5	6	1	2	0	1	1		LD	PJ	PJ	
Site 5	7/27/2020	11:01AM	25.87	25.10	24.52	26.20	26.20	26.20	7.57	7.55	7.47	4.51	4.34	3.86	1.0m	10.17	25.0		<1	<1							0	2	5	6	1	2	1	1	2		LD	PJ	PJ	
Site 5	8/3/2020	8:44AM	23.81	23.65	22.94	26.07	26.02	26.22	7.57	7.53	7.47	4.51	4.34	3.86	1.1m	12.42	26.0		3	1							0	4	5	6	1	2	1	1	1		LD	PJ	PJ	
Site 5	8/10/2020	9:20AM	25.83	25.47	23.49	26.13	26.05	26.06	7.96	7.93	7.80	6.05	5.70	4.15	1.3m	11.14	23.0		<1	<1							0	4	5	6	1	4	1	2	1		MJ	JB	JB	
Site 5	8/24/2020	9:35am	25.83	25.47	23.49	26.13	26.05	26.06	7.96	7.93	7.80	6.05	5.70	4.15	1.3m	11.14	23.0		<1	<1							0	4	5	6	1	4	1	2	1		MJ	JB	JB	
Site 5	8/24/2020	10:00am	25.80	24.95	24.59	27.03	27.17	27.27	7.78	7.63	7.37	5.91	5.64	5.10	1.4m	10.54	32.7		<1	<1							0	4	5	6	1	6	1	2	1		MJ	JB	JB	
Site 5	9/21/2020	9:10am	24.17	24.16	23.93	27.06	27.06	27.07	Sonde was not working used backup		that does not have pH sensor		6.40	6.76	1.1m	3.00	24.5		1	6							1	4	5	6	4	2	1	1	0		MJ	JB	JB	
Site 5	9/8/2020	10:22am	24.04	below depth - too low to take reading		24.03	27.24	shallow depth - too low to take reading		27.25	Sonde was not working used backup		6.30	shallow depth - too low to take reading		6.58	1.0m	1.86	26.6	<1	1							0	4	5	6	2	1	1	2	0		MJ	JB	JB	school of fish jumping
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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 DIRECTION	Wind SPEED	Weather	Wave Height		Data Entered by	Captain	Sampling Leader	Notes
Site 7	7/13/2020	10:54am	TA AMPHIBIAN NOT WORKING				PT 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	11:46AM	26.70	25.88	24.81	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	<1						0	1	5	6	1	8	1	2	0		LD	PJ	PJ	
Site 7	7/27/2020		TOO SHALLOW																NO SAMPLE																	LD	PJ	PJ	
Site 7	8/3/2020	10:59AM	25.64	25.54	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										LD	PJ	PJ	
Site 7	8/17/2020	8:55am	23.32	23.47	23.52	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	pj	pj	
Site 7	8/24/2020	DEPTH TOO SHALLOW			DEPTH TOO SHALLOW		DEPTH TOO SHALLOW			DEPTH TOO SHALLOW																										kp	pj	pj	
Site 7	8/31/2020	9:24am	23.76	23.80	23.80	26.67	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	pj	pj	
Site 7	9/8/2020	tide too low /depth too shallow	unable to get data or sample			tide too low /depth too shallow		unable to get data or sample										tide too low /depth too shallow	unable to get data or sample								tide too low /depth too shallow	yet data or sample								kp	pj	pj	Dead fish on surface
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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	25.55	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	7.75	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	7.73	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	pj	pj
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
Site 8	9/8/2020	9:52am		24.02	24.00	23.86	26.93	26.91	26.93	Sonde was not working used backup	that does not have pH sensor		5.93	5.99	6.10	1.6m	2.28	24.1		<1	<1						0	3	5	6	4	7	1	3	0		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				RED FOR DEPT OF HEALTH									1.9m		27.1		6	<1						0	2	5	6	1	7	0	1	0		LJG	PJ	PJ
Site 9	7/27/2020	9:15AM	25.49	25.34	24.95	28.73	28.73	28.73	7.68	7.68	7.60	5.12	5.08	5.08	1.5m	2.71	29.0	28.0	6	<1							0	2	5	6	1	6	1	2	0		LJG	PJ	PJ
Site 9	7/27/2020	10:14AM	25.49	25.36	25.06	28.11	28.16	28.02	7.76	7.75	7.70	5.36	5.06	5.05	3.0m	2.10	30.0		6	<1							0	2	5	6	1	6	1	2	0		LJG	PJ	PJ
Site 9	8/3/2020	9:08AM	24.67	24.27	23.96	28.80	28.82	28.86	7.60	7.58	7.51	4.82	4.96	4.14	1.5m	3.06	27.0		6	2							0	2	5	6	1	7	1	1	1		LJG	PJ	PJ
Site 9	8/3/2020	10:10AM	24.67	24.27	23.96	28.80	28.82	28.86	7.60	7.58	7.51	4.82	4.96	4.14	3.0m	2.00	27.0		6	2							0	2	5	6	1	NA	1	1	1		LJG	PJ	PJ
Site 9	8/17/2020	8:54am	23.53	23.06	23.33	28.31	28.37	28.60	7.50	7.55	7.56	5.17	4.97	5.04	1.5m	2.41	27.0		26	10							0	4	5	6	1	5	1	1	1		MS	PJ	PJ
Site 9	8/24/2020	10:08AM	25.30	depth too shallow	25.17	28.88	depth too shallow	26.84	7.62	depth too shallow	7.56	5.90	depth too shallow	6.85	1.0m	1.80	29.0		2	<1							0	3	5	6	1	8	1	2	0		KP	PJ	PJ
Site 9	9/21/2020	9:50am	24.23	24.30	24.30	28.77	28.87	28.87	Sonde was not working used backup	that does not have pH sensor		5.94	6.06	6.00	1.2m	3.96	20.2		30	2							0	4	5	6	1	5	1	1	1		KP	PJ	PJ
Site 9	9/8/2020	9:41am	24.03	24.03	24.03	27.91	28.98	28.99	Sonde was not working used backup	that does not have pH sensor		5.56	5.74	5.86	1.1m	2.10	24.3		4	<1							0	3	5	6	4	5	1	3	0		NI	JS	JS
Site 9																																						

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

	Date	Time	H20 Temp TOP (0.3m)	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 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	0	1	P	0	1	1		LG	PJ	PJ
Site 10	7/27/2020	9:15AM	25.67	25.56	24.78	25.24	25.23	25.42	7.78	7.75	7.69	9.73	9.45	4.85	0.94	27.45	27.8		11	0						0	2	5	0	1	P	1	1	0		LG	PJ	PJ
Site 10	8/3/2020	8:45AM	25.67	25.27	25.08	25.36	26.01	26.15	7.76	7.78	7.70	9.31	9.02	6.65	1.4m	4.08	31.8		11	0						0	2	5	0	1	P	1	2	0		LG	PJ	PJ
Site 10	8/3/2020	8:46AM	25.73	25.84	25.62	25.55	25.29	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	0	1	P	1	1	0		LG	PJ	PJ
Site 10	8/10/2020	9:15AM	25.67	24.97	24.37	26.38	26.41	26.70	7.67	7.67	7.58	5.41	5.05	5.06	1.0m	4.16	26.5		170	11						0	4	5	0	1	R	1	1	1		MS	PJ	PJ
Site 10	8/17/2020	8:45AM	25.67	24.97	24.37	26.38	26.41	26.70	7.62	7.61	7.58	5.61	5.57	5.06	1.4m	3.75	26.5		170	11						0	4	5	4.25m	1	R	1	1	1		MS	PJ	PJ
Site 10	8/24/2020	9:54am	25.11	24.90	24.78	26.52	26.52	26.82	7.61	7.64	7.56	6.97	6.70	6.60	1.4m	3.75	27.4		36	17						0	2	5	0	1	R	1	2	1		Nat	JB	JB
Site 10	9/31/2020	9:35am	24.1	24.90	24.53	26.61	26.76	26.77	Sonde was not working used backup		that does not have pH sensor		6.97	6.20	1.3m	3.60	24.8		16	11						1	4	5	0	4	C	1	3	0		Nat	JB	JB
Site 10	9/8/2020	9:20am	24.15	24.15	24.10	26.77	26.82	26.96	Sonde was not working used backup		that does not have pH sensor		6.03	5.97	5.90	1.5m	4.22	27.1	8	<1						0	2	5	0	0	0	1	3	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	7.88	7.59	6.87	6.45	5.46	1.5m	2.62	28.6	so specimen collected 1st run and having problems with motor									1	2	5	4	1	3	1	1	1		LG	PJ	PJ
Site 11	7/27/2020	9:15am	29.49	26.75	25.37	26.01	26.60	26.16	7.91	7.86	7.72	7.67	7.33	6.36	0.8m	2.91	30.5		1	<1							0	2	5	3	1	6	1	2	0		LG	PJ	PJ
Site 11	8/3/2020	8:10AM	29.80	29.61	25.50	26.90	26.52	25.60	7.96	7.96	7.51	5.13	4.89	4.68	1.2m	3.16	27.3		<1	1							0	4	5	4	2	2	1	2	1		LG	PJ	PJ
Site 11	8/10/2020	8:10AM	29.05	28.04	25.29	26.27	26.25	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	4	1	8	1	1	1		MC	PJ	JB
Site 11	8/17/2020	8:10AM	24.05	24.05	24.05	26.27	26.25	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	4	1	8	1	1	1		MC	PJ	JB
Site 11	8/24/2020	9:10am	25.67	25.42	25.23	26.63	26.60	26.60	7.76	7.72	7.85	7.35	7.19	7.01	1.0m	2.46	29.6		1	2							0	2	5	4	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	that does not have pH sensor		4.45	4.50	4.59	1.0m	3.44	19.1		1	<1							1	2	5	4	4	2	1	0	0		MC	JB	JB
Site 11	9/8/2020	8:48am	24.31	24.26	24.26	26.71	26.73	26.82	Sonde was not working used backup	that does not have pH sensor		8.21	8.12	8.14	1.1m	2.87	25.1		3	<1							0	2	5	4	3	0	0	2	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	Notes
Site 12	1/13/2020	9:46am	AMPHIBIAN NOT WORKING													1.9m		26.5									1	2	5	6	1	7	1	1	5		LD	PJ	PJ	
Site 12	2/26/2020	11:37AM	26.32	27.94	26.54	25.44	25.36	25.53	7.87	7.87	7.63	6.26	5.85	4.84	0.9m	3.7=	32.4	3	<1	<1							0	1	5	6	2	7	1	2	5		LD	PJ	PJ	
Site 12	7/21/2020	9:32AM	27.27	27.26	25.51	25.94	26.01	26.01	7.64	7.63	7.40	4.79	4.11	4.26	0.9m	2.00	30.5	1	<1	<1							0	2	5	6	3	6	1	2	0		LD	PJ	PJ	
Site 12	8/3/2020	8:33AM	26.64	26.44	26.44	25.45	25.44	25.51	7.57	7.57	7.57	5.31	5.32	5.37	1.1m	2.00	27.4	15	8								0	4	5	6	3	8	1	2	0		LD	PJ	PJ	
Site 12	8/10/2020	9:06AM	26.02	26.20	26.34	26.53	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	8:15am	25.45	25.45	25.45	26.45	26.45	26.45	7.62	7.62	7.62	5.74	5.74	5.74	0.9m	1.97	27.8	1	<1								0	2	5	6	1	4	1	2	0		LD	PJ	PJ	
Site 12	8/24/2020	9:15am	26.45	depth too shallow	26.37	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	2	0		NP	JB	JB	
Site 12	8/31/2020	8:10am	24.03	24.04	23.40	26.67	26.69	26.77	Sonde was not working used backup	that does not have pH sensor		5.84	5.74	5.10	0.7m	2.83	20.3	2	1								1	4	5	6	4	1	1	0	0		NP	JB	JB	Seagulls feeding on fish school
Site 12	9/8/2020	9:03am	24.20	24.12	24.12	26.56	26.56	26.56	Sonde was not working used backup	that does not have pH sensor		5.26	4.27	4.36	0.7m	2.70	24.1	1	<1								0	2	5	6	4	0	1	0	0		KA	JB	JB	
Site 12																																							

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

	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	Tsp DO	DO 1.0 m	BTM DO	Secchi (m)	Floor Depth (meters)	Air Temp	HUC temp is not mandatory avail.	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	24.8	24.64	25.41	25.60	7.52	7.06	7.07	5.20	5.25	4.95	1.0m	2.73	28.8	NO SPECIMEN COLLECTED MOTOR PROBLEM										1	2	5	6	1	8	1	1	1		LD	PJ	PJ
Site 13	7/20/2020	8:14AM	26.41		26.33	26.17	24.91	25.02	25.10	7.96	7.53	7.49	4.69	4.31	4.14	0.9m	2.43	30.6		49	15								5	4	5	6	2	5	0	0	0		LD	PJ	PJ
Site 13	7/27/20	8:47AM	26.50		26.48	26.30	25.05	25.48	25.72	7.63	7.61	7.57	5.50	5.21	5.18	0.4m	2.94	31.7		51	5								5	2	5	6	2	5	1	2	0		LD	PJ	PJ
Site 13	8/3/20	12:34PM	26.49		26.47	26.49	25.55	26.07	26.06	7.15	7.10	7.07	5.99	5.88	5.59	1.0m	4.11	35.1		5	<1								5	1	5	6	5	5	1	1	1		LD	PJ	PJ
Site 13	8/10/20	8:14AM	25.50		25.47	25.42	25.55	26.23	26.19	7.46	7.50	7.50	4.95	4.85	4.97	0.7m	2.6	28.6		11	<1								5	2	5	6	1	5	0	2	0		LD	PJ	PJ
Site 13	8/17/20	11:56am	24.78		24.30	24.54	26.24	26.32	26.35	7.69	7.69	7.59	6.36	6.05	6.01	1.0m	3.98	26.4		5	<1								2	2	5	6	1	5	0	1	1		NJ	JB	JB
Site 13	8/24/20	8:35am	25.46		25.46	25.45	26.07	26.55	26.11	7.52	7.33	7.33	4.45	4.52	4.64	0.9m	2.37	27.7		55	21								5	2	5	6	1	4	1	2	0		NJ	JB	JB
Site 13	8/31/20	12:22pm	24.42		24.40	24.34	26.70	26.70	26.75	Sonde was not working used backup		Sonde was not working used backup	6.24	6.13	6.26	0.9m	4.27	22.0		10	1								1	4	5	6	4	2	2	3	1		NJ	JB	JB
Site 13	9/9/20	8:10am	23.74		23.73	23.72	26.71	26.77	26.81	Sonde was not working used backup		that does not have pH sensor	4.40	4.41	4.50	0.7m	2.80	21.6		14	1								5	2	5	6	1	1	1	1	0		NJ	JB	JB
Site 13												that does not have pH sensor																													
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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	Recchi (m)	Pose 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	Captain	Sampling Leader
Site 14	7/13/2020		MANTA AMPHIBIAN NOT WORKING			WATER SAMPLE COLLECTED FOR DEPT OF HEALTH												NO SPECIMEN COLLECTED MOTOR PROBLEM																			LiD	PJ	PJ
Site 14	6/2/2020	8:00AM	24.53	24.53	24.53	25.10	25.10	25.10	24.60	7.20	N/A	7.20	2.90	N/A	3.15	0.7m	1.14	28.7		41							0	4	5	6	4	2	1	2	0		LiD	PJ	PJ
Site 14	7/27/2020	8:30AM	28.88	28.88	28.84	25.10	25.10	25.22	25.40	7.65	7.60	7.55	3.80	3.36	3.51	0.8m	2.20	31.2		36							0	2	5	6	2	5	1	2	0		LiD	PJ	PJ
Site 14	8/3/2020	12:00PM	27.12	27.12	26.03	25.30	25.30	25.30	25.75	7.65	7.66	7.56	5.60	5.60	5.14	0.8m	3.76	33.7		15	++1						0	1	5	6	0	7	1	1	1		LiD	PJ	PJ
Site 14	8/10/2020	11:00am	26.70	26.70	26.70	25.40	25.40	25.40	25.40	7.25	7.25	7.05	5.35	5.35	5.47	0.9m	3.46	29.8		24	+4						0	2	5	6	1	8	1	2	1		Mf	JB	JB
Site 14	8/17/2020	11:00am	26.30	26.30	25.91	25.40	25.40	25.40	25.90	7.25	7.25	7.05	5.35	5.35	5.47	0.9m	3.46	29.8		24	+4						0	2	5	6	1	8	1	2	1		Mf	JB	JB
Site 14	8/24/2020	7:31am	25.30	25.30	25.30	25.40	25.40	25.40	25.40	7.23	7.24	7.22	3.92	4.02	4.30	0.8m	1.95	25.7		52	40						0	2	5	6	1	0	0	2	0		Mf	JB	JB
Site 14	8/31/2020	n/a			BOAT ENGINE BREAK IN PERIOD NOT ENOUGH TIME TO GET TO ALL 18 STATIONS DUE TO SPEED LIMITATIONS																																		
Site 14	9/8/2020	7:53am	23.69	23.69	23.58	25.70	25.70	25.74	Sonde was not working used backup		that does not have pH sensor		4.46	4.49	4.67	0.9m	1.38	22.8		12	1						0	2	5	6	1	0	0	1	0		Mf	JB	JB
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		TIDE TOO LOW																10	20							0	2	5	6	2	NW	1	1	0		LO	P.J	P.J
Site 15	7/27/2020	7:55AM	27.27	TOO SHALLOW	27.22	25.10	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	N/A	0	2	0		LO	P.J	P.J
Site 15	8/3/2020	11:59AM	27.76		27.22	24.84	25.00	25.08	7.51		7.55	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	8/10/2020		TIDE TOO LOW		TIDE TOO LOW	TIDE TOO LOW			TIDE TOO LOW										20	1							0	2	5	6	1	8	1	1	1		KO	P.J	P.J
Site 15	8/17/2020	11:31am	27.76		23.98	24.80	25.36	25.40	7.46		7.47	4.76	4.60	4.97	0.8m	2.16	34.1		780	61							0	2	5	6	1	8	1	1	1		KO	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																										MP	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																																		
Site 15	9/8/2020	tide too low (depth too shallow	unable to get data or sample		tide too low (depth too shallow	unable to get data or sample			tide too low (depth too shallow	unable to get data or sample									tide too low (depth too shallow	unable to get data or sample						tide too low (depth too shallow	unable to get data or sample										
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Friends of the Bay 2020 Water Quality Data - Site 16, 688 Nevis Creek 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	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	26.96	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	5	2	0	1	2	0	LJC	PJ	PJ
Site 16	8/3/2020	12:15PM	27.57	26.44	26.15	25.23	25.51	25.98	7.61	7.81	7.80	5.67	5.45	5.48	0.9m	2.33	30.4	36	>1							0	1	5	5	0	0	1	1	0	LJC	PJ	PJ
Site 16	8/17/2020		TIDE TOO LOW				TIDE TOO LOW																			0	2	5	5	1	0	1	1	1	LJC	PJ	PJ
Site 16	8/19/2020	11:41AM	23.96	23.93	23.92	26.30	26.27	26.20	7.53	7.54	7.56	5.56	5.66	5.67	0.9m	2.10	23.5	260	7							0	2	5	5	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				DEPTH TOO SHALLOW																					LJC	PJ	PJ
Site 16	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
Site 16	9/8/2020	tide too low (depth too shallow	unable to get data or sample			tide too low (depth too shallow	unable to get data or sample				tide too low (depth too shallow	unable to get data or sample			tide too low (depth too shallow	unable to get data or sample				tide too low (depth too shallow	unable to get data or sample			tide too low (depth too shallow	unable to get data or sample				tide too low (depth too shallow	unable to get data or sample						NJ	JB	JB
Site 16																																						

	Friends of the Bay 2000 Water Quality Data - Site 17, The Bluffs, EPP																																					
	Date	Time	HDS Temp TOP (0.5m)	CSS Temp 1.0 m	HDS 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 Humidity A.V.G. Fecal Coliform Bacteria	Dissolved O	Ammonia (NH3)	Nitrates (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	Caption	Sampling Leader	Notes
Site 17	5/1/2000			MASTS AMPERSAND NOT WORKING			AN TOP SAMPLE COLLECTED FOR DEPT OF HEALTH											NO SPECIMEN COLLECTED METCH PRIOR																			13	AJ	
Site 17	7/24/2000			TIDE TOO LOW																						0	1	10	0	2		1	0	2	0		120	AJ	
Site 17	8/21/2000	8:23AM		DEPTH TOO LOW		28.00	DEPTH TOO LOW		25.00	DEPTH TOO LOW		7.25	DEPTH TOO LOW		3.70	0.490	0.61	29.0		0						0	2	10	0	2		2	0	2	0		170	AJ	
Site 17	9/11/2000			TOO SHALLOW															NO SPECIMEN COLLECTED							0	2												
Site 17	9/14/2000			TIDE TOO LOW																																	120	AJ	
Site 17	9/28/2000			TOO SHALLOW															too shallow to collect sample																		140	AJ	
Site 17	10/12/2000			DEPTH TOO LOW															too shallow to collect sample																		140	AJ	
Site 17	10/31/2000			DEPTH TOO LOW		1.2 feet depth finder reading on boat													too shallow to collect sample																		140	AJ	
Site 17	11/14/2000			BOAT ENGINE BREAK IN PROCESS NOT ENOUGH TIME	TO GET TO ALL 10 STATIONS DUE TO SPEED LIMITATIONS																																		
Site 17	3/6/2000	tide too low - depth too shallow		unable to get data or sample			tide too low - depth too shallow	unable to get data or sample			tide too low - depth too shallow	unable to get data or sample			tide too low - depth too shallow	unable to get data or sample										tide too low - depth too shallow	unable to get data or sample		tide too low - depth too shallow	unable to get data or sample	tide too low - depth too shallow	unable to get data or sample										
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Friends of the Bay **2020** Water Quality Data - Site 18, NB Nova Cove

	Date	Time	CNR Temp TOP (0.5m)	DO Temp 0.5 m	DO Temp 0.5 m from BTM	Salinity TOP	Salinity 0.5 m	Salinity BTM	Phi Top	Phi 0.5 m	Phi 0.5 m from BTM	Top DO	DO 0.5	BTM DO	Secchi (m)	Floor Depth (meters)	Air Temp	VSS Temp BTM	Turbidity A-U-D	Fecal Coliform/Bacteria	Dissolved	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	Notes
Site 12	1/21/2020		SAMPLE ABANDONED - HORNED					SALTWATER SAMPLE COLLECTED FOR DEPT OF HEALTH																																
Site 12	2/24/2020		TIDE TOO LOW																																					
Site 12	3/11/2020	9:00AM	25.19	26.08	22.99		26.08	22.99	25.04	2.85	1.71	7.12	6.38	4.37	0.91	1.27	21.0	SAMPLE BOTTLE BROKE AND CRACKED DUE TO EXTREME HEAT 100+ DEGREES									0	2	5	4	2	1	2	0	LG	PJ	PJ
Site 12	4/14/2020	9:00AM	25.13	26.41	25.31		26.41	25.31	25.21	2.85	1.71	7.19	7.12	5.47	0.91	1.64	21.0											0	2	5	4	0	1	1	0	LG	PJ	PJ
Site 12	5/19/2020	9:00AM	25.44	NA	25.30		26.21	NA	25.20	2.85	NA	7.07	6.78	NA	0.87	1.64	28.0		0	--								0	2	5	4	0	1	1	0	LG	PJ	PJ
Site 12	6/16/2020	12:00pm	25.73	24.45	24.45		25.15	24.45	25.27	2.85	1.71	7.06	6.55	5.96	0.90	1.64	27.0		10	--								0	2	5	4	0	1	1	0	NA	PJ	PJ
Site 12	7/21/2020	12:00pm	25.73	DEPTH TOO SHALLOW	25.25		DEPTH TOO SHALLOW	25.25	25.27	2.85	1.71	DEPTH TOO SHALLOW	7.06	5.96	0.90	1.64	27.0		0	--								0	2	5	4	0	1	1	0	NA	PJ	PJ
Site 12	8/31/2020	12:00pm	25.40	24.62	24.36		24.62	24.36	25.01	Sonde w as not w orking used backup		that does not have pH sensor		6.80	0.90	1.64	28.0		0	--								0	4	5	4	0	1	1	0	NA	JB	JB
Site 12	9/9/2020	8:30am	24.16	top only - depth too shallow to take other readings			25.25 Top only - depth too shallow to take other readings			Sonde w as not w orking used backup		that does not have pH sensor		5.90	depth too shallow to take other readings		24.0		0	--								0	0	5	4	0	1	1	0	NA	JB	JB
Site 12																																							

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	7.80	6.96	6.10	5.70	1.4m	3.82	26.0	NO SPECIMEN COLLECTED MOTOR PROBLEM									0	2	5	4	0	8	1	1	0		Nd	PJ	PJ
Site 19	7/27/2020	12:45PM	27.00	27.00	26.50	25.62	25.62	25.92	7.86	7.86	7.77	7.27	6.98	3.85	0.7m	3.7	32.0	SAMPLE BOTTLE DROPPED AND CRACKED DUE TO EXTREME HEAT 100+ DEGREES		>1							0	3	5	5	0	7	0	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	>1								0	2	5	4	0	7	1	1	1	1	LD	PJ	PJ
Site 19	8/10/2020	12:14pm	28.04	28.04	26.70	26.37	26.37	26.28	7.87	7.87	7.67	6.60	6.54	4.68	0.9m	4.6	29.0	2	>1								0	2	5	4	0	8	1	1	1	1	Nd	PJ	PJ
Site 19	8/17/2020	12:14pm	28.94	28.94	26.95	26.37	26.37	26.03	7.87	7.88	7.57	6.60	5.74	5.66	1.1m	4.66	24.0	13	>1								0	2	5	4	0	8	1	1	1	1	Nd	JE	JE
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			26.33	26.42	Sonde was not working used backup	that does not have pH sensor		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	9/31/2020	7:30AM	24.50	24.44	24.46	26.30	26.33	26.42	Sonde was not working used backup	that does not have pH sensor		5.26	5.27	5.34	0.8m	4.15	19.4	12	>1								1	2	5	5	0	9	0	1	0	0	Nd	JE	JE
Site 19	9/8/2020	12:26pm	26.26	25.09	24.40	26.53	26.65	26.82	Sonde was not working used backup	that does not have pH sensor		6.23	6.06	6.23	1.150	4.51	28.1	6	>1								0	4	5	4	0	2	1	2	0		Nd	JE	JE
Site 19																																						