

Friends of the Bay 2021 Water Quality Data - Site 13, Mill Neck Creek East

Site	Date	Time	H2O Temp TOP (0.5m)	H2O Temp 1.0 m	H2O Temp 0.5 m from BTM	Salinity TOP	Salinity 1.0 BTM	PH Top	PH 1.0	Ph .5 m from BTM	Top DO	DO 1.0	BTM DO	% Sat Top	% Sat 1.0	%Sat BTM	Secchi m	Seafloor Depth (meters)	Air Temp (°C)	H2O Temp BTM monthly AVG	Fecal Coliform Bacteria	Enterococ ci	Ammonia (NH3)	Nitrate NO3	Nitrite (NO2)	Total Kjeldahl Nitrogen (TKN)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tidal Stage	Water Color	Surface Condition	Cloud Cover	Wind DIRECTION	Wind SPEED m/s	Weather	Wave Height	Data Entered by	Captain	Sampling Leader	Notes						
Site 13	4/19/2021	8:07 AM	11.48	11.26	11.12	25.34	25.9	26.04	8.09	8.09	8.09	9.75	9.83	9.84	105.2	105.8	105.7	1.6	3.02	13.7	1	2						0	2	5	6	1	NE	0.4	1	0	nh	pj	pj	dead bunker jellyfish							
Site 13	4/26/2021	strong wind and waves																																													
Site 13	5/3/2021	8:33 AM	13.6	13.41	12.87	24.57	25.05	25.65	7.83	7.84	7.88	8.09	8.01	8.07	90.9	89.9	90.1	1.6	3.25	14.8	2	5						0	2	5	6	4	E	2.1	3	0	nh	pj	pj	clear surface conditions							
Site 13	5/10/2021	11:40 AM	13.05	13.11	13.02	25.58	25.61	25.57	7.9	7.9	7.91	8.53	8.54	8.53	95.8	95.7	95.6	2.3	4.21	21.1	1	2						2	1	5	6	3	E	0.5	2	0	nh	pj	pj	clear surface conditions							
Site 13	5/17/2021	8:07 AM	16.49	16.43	16.35	25.34	25.5	25.84	7.69	7.7	7.74	7.67	7.49	7.44	90.3	88.4	88.3	1.6	2.39	18.0	4	2						0	2	5	6	0	W	0.5	1	0	nh	pj	pj	clear surface conditions							
Site 13	5/24/2021	11:42 AM	18.57	18.57	18.44	26.07	26.18	26.08	7.89	7.89	7.86	7.82	7.94	7.99	97.1	98.4	98.7	1.2	4.15	23.4	13	2						0	1	5	6	4	W	1.2	3	0	nh	pj	pj	clear surface conditions							
Site 13	6/1/2021	8:12 AM	15.03	15.1	15.1	23.51	25.14	25.13	7.7	7.71	7.72	8.00	7.76	7.63	90.4	89	87.6	1	3.09	16.3	24	5						0	2	5	6	4	W	0.5	3	0	nh	pj	pj	clear surface conditions							
Site 13	6/7/2021	8:02 AM	19.93	19.83	19.76	25.62	25.68	25.74	7.85	7.86	7.86	8.43	8.47	8.47	107.5	107.6	107.5	1.1	3.31	22.3	12	3						0	4	5	6	2	S	2.4	1	0	nh	pj	pj	clear surface conditions, comb jellyfish, % SAT near top of range at all depths							
Site 13	6/15/2021	7:49 AM	20.28	20.26	20.11	25.35	25.59	25.90	7.88	7.91	7.99	7.61	7.51	7.76	97.3	96.3	99.5	0.9	2.55	20.7	45	32						1	2	5	6	4	W	1.4	3	0	nh	pj	pj	clear surface conditions							
Site 13	6/21/2021	7:52 AM	22.54	22.45	22.37	25.95	25.98	25.58	7.96	7.97	7.98	7.28	7.28	7.32	98.5	98.3	98.8	0.8	4.19	25.6	32	17						0	4	5	6	2	S	2.3	2	0.5	nh	pj	pj	clear surface conditions							
Site 13	6/28/2021	7:46 AM	23.66	23.53	23.49	25.56	25.67	25.76	7.35	7.41	7.44	5.16	4.82	4.98	68.8	65.5	67.5	0.8	2.05	25.4	63	36						0	2	5	6	1	SW	2.0	1	0	nh	pj	pj	clear surface conditions							
Site 13	7/6/2021	8:04 AM	22.56	22.55	22.49	25.70	25.72	no pH data, sensor unoperative		-	7.27	7.24	7.20	97.5	97.2	96.5	1.0	3.55	24.0	4	<1							0	4	5	6	4	SW	3.8	3	0.5	nh	pj	pj	clear surface conditions							
Site 13	7/12/2021	10:47 AM	24.14	23.97	23.87	23.80	23.99	24.09	7.76	7.72	7.69	7.25	7.36	7.16	99.0	99.8	96.8	0.8	3.02	26.1	37	5						1	4	5	6	4	SW	1.0	3	0	nh	pj	pj	clear surface conditions							
Site 13	7/19/2021	7:51 AM	25.25	25.27	25.29	25.51	25.52	25.55	7.62	7.61	7.60	5.76	5.61	5.36	80.6	78.7	75.5	1.2	4.18	21.0	10	6						0	1	5	6	4	NW	1.5	3	0	nh	pj	pj	clear surface conditions							
Site 13	7/26/2021	10:28 AM	25.11	24.99	24.91	25.07	25.12	25.17	7.68	7.67	7.66	6.30	6.21	5.94	88.0	86.7	82.9	1.2	2.69	26.0	44	36						2	4	5	6	1	W	2.0	1	0	nh	pj	pj	clear surface conditions							
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