

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

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	Salinity 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	Enterococci	Ammonia (NH3)	Nitrate NO3	Nitrite (NO2)	Total Kjeldahl Nitrogen (TKN)	Organic Nitrogen (N)	Total Nitrogen	Rainfall in 24 hours	Tidal Stage	Water Color	Surface Condition	Cloud Cover	Wind DIRECTION	Wind SPEED m/s	Weather	Wave Height	Data Entered by	Captain	Sampling Leader	Notes	
Site 14	4/19/2021	8:15 AM	11.76	11.82	11.76	24.97	25.54	25.54	8.02	8.06	8.07	9.57	9.43	9.64	103	102.7	104.7	1.9	1.87	17.9		11	2						0	2	5	6	0	0	0.0	1	0	nh	pj	pj	clear surface conditions		
Site 14	4/26/2021	8:15 AM	strong wind and waves																																								
Site 14	5/3/2021	8:15 AM	13.61	13.58	12.91	24.70	25.11	25.61	7.82	7.83	7.87	8.15	8.02	8.10	91.8	90.4	90.5	1.5	2.6	15.0		5	6					0	2	5	6	4	E	2.0	3	0	nh	pj	pj	clear surface conditions			
Site 14	5/10/2021	11:32 AM	13.42	13.23	13.04	25.23	25.44	25.48	7.88	7.89	7.90	8.56	8.53	8.52	96.4	95.9	95.6	2.1	3.69	22.3		5	2					2	1	5	6	3	E	3.5	2	0	nh	pj	pj	clear surface conditions			
Site 14	5/17/2021	7:57 AM	16.12	16.13	too shallow	25.09	25.09	too shallow	7.65	7.65	too shallow	7.34	7.04	too shallow	85.7	82.6	too shallow		1.44	18.6		16	4					0	2	5	6	0	0	0.0	1	0	nh	pj	pj	clear surface conditions, Secchi hit bottom before disappearing			
Site 14	5/24/2021	11:34 AM	18.97	18.96	18.44	25.55	25.57	26.10	7.88	7.87	7.87	8.00	8.01	8.04	99.5	99.6	99.2	1.1	3.07	21.9		42	7					0	1	5	6	4	SE	1.4	3	0	nh	pj	pj	clear surface conditions			
Site 14	6/1/2021	8:00 AM	15.10	15.18	15.17	23.64	23.81	24.93	7.69	7.70	7.68	7.88	7.78	7.68	89.5	88.8	88.1	1.5	2.57	17.3		13	5					0	2	5	6	4	W	0.5	3	0	nh	pj	pj	clear surface conditions, 2 osprey			
Site 14	6/7/2021	8:12 AM	20.10	19.97	19.84	25.64	25.70	25.77	7.84	7.86	7.86	8.20	8.33	8.36	104.9	106.4	106.3	1.1	2.78	22.7		10	3					0	4	5	6	2	W	1.0	1	0	nh	pj	pj	clear surface conditions, % SAT near top of range at all depths			
Site 14	6/15/2021	7:35 AM	20.34	20.42	20.41	24.66	25.35	25.34	7.82	7.81	7.81	6.83	6.71	6.66	87.0	86.0	85.4	0.9	1.91	21.7		76	48					1	2	5	6	4	W	1.2	3	0	nh	pj	pj	clear surface conditions			
Site 14	6/21/2021	8:01 AM	22.58	22.56	22.47	25.94	26.03	25.96	7.98	7.97	7.94	7.24	7.27	7.27	98.1	98.5	98.1	0.7	2.79	23.2		20	7					0	4	5	6	4	S	4.5	3	0.5	nh	pj	pj	clear surface conditions			
Site 14	6/28/2021	7:36 AM	23.82	too shallow	too shallow	24.87	too shallow	too shallow	7.06	too shallow	too shallow	4.29	too shallow	too shallow	52.7	too shallow	too shallow		0.6	0.71	25.3		110	65					0	2	5	6	1	SW	1.4	1	0	nh	pj	pj	clear surface conditions		
Site 14	7/6/2021	8:14 AM	23.07	23.02	22.86	25.36	25.40	25.52	no pH data, sensor unoperative			6.66	6.68	6.70	90.1	90.4	90.2	0.8	2.15	24.0		6	3					0	4	5	6	4	SW	3.2	3	0	nh	pj	pj	clear surface conditions			
Site 14	7/12/2021	10:55 AM	24.11	24.11	24.09	23.55	23.50	23.52	7.70	7.70	7.69	7.13	7.15	7.11	97.0	97.3	96.4	0.8	2.18	26.1		58	17					1	4	5	6	4	SW	1.0	3	0	nh	pj	pj	clear surface conditions			
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