

Site FB-1 - COLD SPRING HARBOR SOUTH

DATE	TIME	WATER TEMPERATURE			SALINITY			PH			DISSOLVED OXYGEN			% SATURATION			DEPTH		BACTERIA		NITROGEN						CONDITIONS								PERSONNEL			NOTES	
		Top 0.5m	1.0 m	0.5 m from BTM	Top	1.0m	btm	Top	1.0m	0.5m from Btm	Top	1.0m	Btm	Top	1.0m	Btm	Secchi (m)	Sea floor (m)	Fecal Coliform	Enterococci	NH3	NO2	NO3	TKN	Org	TN	Air Temp (°C)	Rain in 24hrs	Tidal Stage	Water Color	Surface	Cloud Cover	Wind Dir	Wind m/s	Weather	Wave Ht (m)	Data by		Capt
5/1/23	11:11	11.9	11.7	10.9	26.00	26.80	26.36	7.9	7.9	7.9	8.3	8.6	9.1	89.3	92.2	89.5	1.5	5.9	1	3						15.0	3	2	4	6	3	SW	15.0	1	0.3	ES	Dan		
5/18/23	10:15	16.5	16.4	16.0	0.02	0.02	0.02	8.1	8.1	8.1	11.1	11.5	10.9	112.9	116.7	110.0	1.2	6.7	<1	<1						11.0	0	4	4	6	0	E	4.0	1	0.2	ES	Dan	Salinity meter malfunctioned, so i	
5/30/23	10:18	17.4	17.4	15.9	25.3	25.3	25.8	8.0	8.0	7.6	6.8	7.5	7.2	81.9	90.1	84.0	1.3	4.9	7	<1						16.0	0	2	4	6	1	ENE	9.0	1	0.3	ES	Dan		
6/6/23	9:05	17.8	17.8	16.9	25.2	25.1	26.0	8.0	8.0	7.7	7.2	7.3	7.1	88.3	89.5	86.1	1.3	4.6	104	71						18.0	0	4	4	6	4	W	8.0	3	0.0	ES	Dan		

Range-Low	11.9	11.7	10.9	0.0	0.0	0.0	7.9	7.9	7.6	6.8	7.3	7.1	81.9	89.5	84.0	1.2	4.6	<1	<1
Range-High	17.8	17.8	16.9	26.0	26.8	26.4	8.1	8.1	8.1	11.1	11.5	10.9	112.9	116.7	110.0	1.5	6.7	104	71
Average	15.9	15.8	15.0	19.1	19.3	19.5	8.0	8.0	7.8	8.3	8.7	8.6	93.1	97.1	92.4	1.3	5.5	28	19

Average salinity 19.3

Average pH 7.9

Acceptable high and low ranges

pH >8.1  
pH <7.7

DO >8.0  
DO <5.0

% Sat >100  
% Sat <50

Depth (m) <3.0

Averages for bacteria calculated with <1 values = 1  
Fecal ≥200  
Enterococci >30

LT - Low Tide  
NS - No Sensor  
TS - Too Shallow

Rainfall in previous 24 hours	0=none, 1=light, 2=moderate, 3=heavy
Tidal Stage	1=high slack, 2=ebbing/falling, 3=low, slack, 4=flooding rising
Water color	1=brown, 2=red brown, 3=green, 4=yellow brown, 5=green brown
Surface Conditions	1=algal bloom, 2=oil slick, 3=foam, 4=dead fish, 5=debris, 6=other
Cloud Cover	0=no clouds, 1=<25%, 2=25-50%, 3=50-75% 4=75-100%
Wind Direction	Use Cardinal and Semi-cardinal Headings (ex. NW, S, SE)
Wind Speed	Use MPH as read from Wind Meter
Weather	1=fair/Sunny, 2=partly cloudy, 3=cloudy, 4=rain, 5=snow, 6=fog
Wave Height	Height of waves in feet (ft) to the nearest 0.5 Feet (Example: 1.5 Ft)

Site FB-2 - COLD SPRING HARBOR NORTH

DATE	TIME	WATER TEMPERATURE			SALINITY			PH			DISSOLVED OXYGEN			% SATURATION			DEPTH		BACTERIA		NITROGEN						CONDITIONS								PERSONNEL			NOTES			
		Top 0.5m	1.0 m	0.5 m from BTM	Top	1.0m	btm	Top	1.0m	0.5m from Btm	Top	1.0m	Btm	Top	1.0m	Btm	Secchi (m)	Sea floor (m)	Fecal Coliform	Enterococci	NH3	NO2	NO3	TKN	Org	TN	Air Temp (°C)	Rain in 24hrs	Tidal Stage	Water Color	Surface	Cloud Cover	Wind Dir	Wind m/s	Weather	Wave Ht (m)	Data by		Capt	Lead	
5/1/23	11:01	11.6	11.6	10.9	26.09	26.07	26.36	7.96	7.94	7.88	8.81	8.84	9.09	92.3	94.7	96.1	2.0	6.0	1	<1							15.0	3	2	4	6	2	SW	15.0	1	0.61		Dan			
5/18/23	9:43	15.7	15.7	14.9	0.0	0.0	0.0	8.1	8.1	8.0	10.5	10.6	10.6	104.9	105.9	103.8	1.7	7.4	<1	<1						11.0	0	4	4	6	1	ENE	5.0	1	0.2	ES	Dan				Salinity meter malfunctioned, so it
5/30/23	9:58	17.5	17.5	13.9	25.6	25.6	26.2	8.0	8.0	7.8	8.3	8.3	7.7	100.3	99.6	87.1	2.0	6.7	<1	<1						16.0	0	2	4	6	0	ENE	10.0	1	0.3	ES	Dan				
6/6/23	8:50	17.8	17.8	16.8	25.4	25.5	26.1	8.0	8.0	7.8	7.9	8.1	7.2	97.7	100.0	87.2	1.6	5.0	11	32						17.0	0	4	4	6	4	W	8.0	3	0.0	ES	Dan				

Range-Low	11.6	11.6	10.9	0.0	0.0	0.0	8.0	7.9	7.8	7.9	8.1	7.2	92.3	94.7	87.1	1.6	5.0	<1	<1																					
Range-High	17.8	15.7	14.9	26.1	26.1	26.4	8.1	8.1	8.0	10.5	10.6	10.6	104.9	105.9	103.8	2.0	7.4	11	32																					
Average	15.7	15.7	14.1	19.3	19.3	19.7	8.0	8.0	7.9	8.9	8.9	8.6	98.8	100.1	93.6	1.8	6.3	4	9																					

Average salinity 19.4

Average pH 8.0

Acceptable high and low ranges

LT - Low Tide  
TS - Too Shallow  
NS - No Sensor

pH >8.1  
pH <7.7

DO >8.0  
DO <5.0

% Sat >100  
% Sat <50

Depth (m)  
<3.0

Averages for bacteria calculated with <1 values = 1  
Fecal >200  
Enterococci >30

Rainfall in previous 24 hours	0=none, 1=light, 2=moderate, 3=heavy
Tidal Stage	1=high slack, 2=ebbing/falling, 3=low, slack, 4=flooding rising
Water color	1=brown, 2=red brown, 3=green, 4=yellow brown, 5=green brown
Surface Conditions	1=algal bloom, 2=oil slick, 3=foam, 4=dead fish, 5=debris, 6=other
Cloud Cover	0=no clouds, 1=<25%, 2=25-50%, 3=50-75% 4=75-100%
Wind Direction	Use Cardinal and Semi-cardinal Headings (ex. NW, S, SE)
Wind Speed	Use MPH as read from Wind Meter
Weather	1=fair/Sunny, 2=partly cloudy, 3=cloudy, 4=rain, 5=snow, 6=fog
Wave Height	Height of waves in feet (Ft) to the nearest 0.5 Feet (Example: 1.5 Ft)

Site FB-3 SEAWANHAKA YACHT CLUB PSTP

DATE	TIME	WATER TEMPERATURE			SALINITY			PH			DISSOLVED OXYGEN			% SATURATION			DEPTH		BACTERIA		NITROGEN						CONDITIONS							PERSONNEL			NOTES		
		Top 0.5m	1.0 m	0.5 m from BTM	Top	1.0m	btm	Top	1.0m	0.5m from Btm	Top	1.0m	Btm	Top	1.0m	Btm	Secchi (m)	Sea floor (m)	Fecal Coli-form	Enterococci	NH3	NO2	NO3	TKN	Org	TN	Air Temp (°C)	Rain in 24hrs	Tidal Stage	Water Color	Surface	Cloud Cover	Wind Dir	Wind m/s	Weather	Wave Ht (m)		Data by	Capt
5/1/23	10:36	11.6	11.6	10.8	26.1	26.0	26.4	8.0	8.0	7.9	8.6	8.9	8.9	92.0	93.8	93.2	1.8	5.9	<1	<1						15.0	3	2	4	6	1	SW	15.0	1	0.3	ES	Dan		
5/18/23	9:23	15.9	15.9	15.9	0.0	0.0	0.0	8.0	8.0	7.9	10.1	10.1	10.1	101.2	101.4	101.4	1.7	7.4	3	35						10.0	0	4	4	6	0	ENE	4.0	1	0.2	ES	Dan	Salinity meter malfunctioned, so i	
5/30/23	9:42	17.2	17.2	15.9	25.7	25.7	25.9	8.0	8.0	7.8	7.5	7.8	7.5	89.4	93.5	88.0	0.9	6.7	<1	<1						16.0	0	2	4	6	0	ENE	10.0	0	0.3	ES	Dan		
6/6/23	8:36	18.1	18.1	18.3	25.7	25.8	25.8	10.4	10.4	10.2	7.9	7.9	7.8	98.8	98.5	97.5	1.5	3.7	<1	1						18.0	0	4	4	6	4	W	8.0	3	0.0	ES	Dan		

Range-Low	11.6	11.6	10.8	0.0	0.0	0.0	8.0	8.0	7.8	7.5	7.8	7.5	89.4	93.5	88.0	0.9	3.7	<1	<1
Range-High	18.1	18.1	18.3	26.1	26.0	26.4	10.4	10.4	10.2	10.1	10.1	10.1	101.2	101.4	101.4	1.8	7.4	3	35
Average	15.7	15.7	15.2	19.4	19.4	19.6	8.6	8.6	8.5	8.5	8.7	8.6	95.4	96.8	95.0	1.5	5.9	2	10

Average salinity 19.4

Average pH 8.5

Acceptable high and low ranges

LT - Low Tide  
TS - Too Shallow

pH >8.1  
pH <7.7

DO >8.0  
DO <5.0

% Sat >100  
% Sat <50

Depth (m)  
<3.0

Averages for bacteria calculated with <1 values = 1  
Fecal >200  
Enterococci >30

Rainfall in previous 24 hours	0=none, 1=light, 2=moderate, 3=heavy
Tidal Stage	1=high slack, 2=ebbing/falling, 3=low, slack, 4=flooding rising
Water color	1=brown, 2=red brown, 3=green, 4=yellow brown, 5=green brown
Surface Conditions	1=algal bloom, 2=oil slick, 3=foam, 4=dead fish, 5=debris, 6=other
Cloud Cover	0=no clouds, 1=<25%, 2=25-50%, 3=50-75% 4=75-100%
Wind Direction	Use Cardinal and Semi-cardinal Headings (ex. NW, S, SE)
Wind Speed	Use MPH as read from Wind Meter
Weather	1=fair/Sunny, 2=partly cloudy, 3=cloudy, 4=rain, 5=snow, 6=fog
Wave Height	Height of waves in feet (Ft) to the nearest 0.5 Feet (Example: 1.5 Ft)

Site FB-4 - OYSTER BAY COVE

DATE	TIME	WATER TEMPERATURE			SALINITY			PH			DISSOLVED OXYGEN			% SATURATION			DEPTH		BACTERIA		NITROGEN						CONDITIONS										PERSONNEL			NOTES
		Top 0.5m	1.0 m	0.5 m from BTM	Top	1.0m	btm	Top	1.0m	0.5m from Btm	Top	1.0m	Btm	Top	1.0m	Btm	Secchi (m)	Sea floor (m)	Fecal Coliform	Enterococci	NH3	NO2	NO3	TKN	Org	TN	Air Temp (°C)	Rain in 24hrs	Tidal Stage	Water Color	Surface	Cloud Cover	Wind Dir	Wind m/s	Weather	Wave Ht (m)	Data by	Capt	Lead	
5/1/23	10:12	12.2	12.2	12.2	25.6	25.6	25.6	7.9	7.9	7.9	9.0	9.0	9.1	97.5	97.6	98.9	1.3	3.1	5	<1						15.0	3	2	4	6	1	SW	14.0	1	0.3	ES	Dan			
5/18/23	8:40	15.8	15.9	15.9	0.0	0.0	0.0	7.9	8.0	8.0	9.8	9.7	9.7	98.7	97.3	97.3	1.1	3.3	4	300						9.0	0	4	4	6	0	ENE	5.0	1	0.0	ES	Dan		Salinity meter malfunctioned, so i	
5/30/23	9:17	17.7	17.7	17.6	25.6	25.6	25.6	7.9	7.9	7.9	8.2	8.2	7.9	99.2	98.7	95.5	1.3	3.7	<1	<1						15.0	0	2	4	6	0	ENE	9.0	1	0.2	ES	Dan			
6/6/23	8:22	18.1	18.0	17.6	25.6	25.7	26.0	7.8	7.8	7.8	7.41	7.38	7.11	92.0	91.6	87.6	1.2	2.0	9	18						17.0	0	4	4	6	4	W	7.0	3	0.0	ES	Dan			

Range-Low	12.2	12.2	12.2	0.0	0.0	0.0	7.8	7.8	7.8	7.4	7.4	7.1	92.0	91.6	87.6	1.1	2.0	<1	<1
Range-High	18.1	18.0	17.6	25.6	25.7	26.0	7.9	8.0	8.0	9.8	9.7	9.7	99.2	98.7	95.5	1.3	3.7	9	300
Average	15.9	15.9	15.8	19.2	19.2	19.3	7.9	7.9	7.9	8.6	8.6	8.5	96.9	96.3	94.8	1.2	3.0	5	80

Average salinity 19.2 Average pH 7.9

Acceptable high and low ranges

LT - Low Tide  
TS - Too Shallow  
NS - No Sensor

pH >8.1  
pH <7.7

DO >8.0  
DO <5.0

% Sat >100  
% Sat <50

Depth (m)  
<3.0

Averages for bacteria calculated with <1 values = 1  
Fecal ≥200  
Enterococci >30

Rainfall in previous 24 hours	0=none, 1=light, 2=moderate, 3=heavy
Tidal Stage	1=high slack, 2=ebbing/falling, 3=low, slack, 4=flooding rising
Water color	1=brown, 2=red brown, 3=green, 4=yellow brown, 5=green brown
Surface Conditions	1=algal bloom, 2=oil slick, 3=foam, 4=dead fish, 5=debris, 6=other
Cloud Cover	0=no clouds, 1=<25%, 2=25-50%, 3=50-75% 4=75-100%
Wind Direction	Use Cardinal and Semi-cardinal Headings (ex. NW, S, SE)
Wind Speed	Use MPH as read from Wind Meter
Weather	1=fair/Sunny, 2=partly cloudy, 3=cloudy, 4=rain, 5=snow, 6=fog
Wave Height	Height of waves in feet (ft) to the nearest 0.5 Feet (Example: 1.5 Ft)

Site FB-5 - OYSTER BAY STP OUTFALL AT WHITES CREEK

DATE	TIME	WATER TEMPERATURE			SALINITY			PH			DISSOLVED OXYGEN			% SATURATION			DEPTH		BACTERIA		NITROGEN						CONDITIONS										PERSONNEL			NOTES
		Top 0.5m	1.0 m	0.5 m from BTM	Top	1.0m	btm	Top	1.0m	0.5m from Btm	Top	1.0m	Btm	Top	1.0m	Btm	Secchi (m)	Sea floor (m)	Fecal Coliform	Enterococci	NH3	NO2	NO3	TKN	Org	TN	Air Temp (°C)	Rain in 24hrs	Tidal Stage	Water Color	Surface	Cloud Cover	Wind Dir	Wind m/s	Weather	Wave Ht (m)	Data by	Capt	Lead	
5/1/23	9:53	11.8	12.0	11.2	25.9	25.8	26.2	8.0	8.0	7.9	8.3	8.7	8.6	89.7	92.9	91.2	1.5	3.6	5	<1						15.0	3	2	4	6	0	SW	14.0	1	0.2	ES	Dan			
5/18/23	8:25	15.9	15.9	15.9	0.0	0.0	0.0	8.0	8.0	8.0	9.7	9.9	9.8	97.8	99.3	99.0	1.2	3.4	2	5						9.0	0	4	4	4	0	ENE	5.0	1	0.2	ES	Dan		Salinity meter malfunctioned, so it	
5/30/23	9:08	17.5	17.5	17.4	25.5	25.5	25.6	7.9	7.9	7.8	7.9	7.7	7.6	95.6	92.3	91.5	1.0	3.7	1	2						15.0	0	2	4	6	0	ENE	9.0	1	0.3	ES	Dan			
6/6/23	8:10	18.1	18.1	18.3	25.7	25.8	25.8	10.4	10.4	10.2	8.0	7.9	7.8	98.8	98.5	97.5	1.1	2.0	6	8						17.0	0	4	4	6	4	W	7.0	3	0.0	ES	Dan			

Range-Low	11.8	12.0	11.2	0.0	0.0	0.0	7.9	7.9	7.8	7.9	7.7	7.6	89.7	92.3	91.2	1.0	2.0	1	<1																				
Range-High	18.1	18.1	18.3	25.9	25.8	26.2	10.4	10.4	10.2	9.7	9.9	9.8	98.8	99.3	99.0	1.5	3.7	6	5																				
Average	15.8	15.9	15.7	19.3	19.3	19.4	8.6	8.6	8.5	8.5	8.5	8.5	95.5	95.8	94.8	1.2	3.2	4	4																				

Average salinity 19.3

Average pH 8.5

Acceptable high and low ranges

LT - Low Tide  
NS - No Sensor  
TS - Too Shallow

pH >8.1  
pH <7.7

DO >8.0  
DO <5.0

% Sat >100  
% Sat <50

Depth (m) <3.0

Averages for bacteria calculated with <1 values = 1  
Fecal ≥200  
Enterococci ≥30

Rainfall in previous 24 hours	0=none, 1=light, 2=moderate, 3=heavy
Tidal Stage	1=high slack, 2=ebbing/falling, 3=low, slack, 4=flooding rising
Water color	1=brown, 2=red brown, 3=green, 4=yellow brown, 5=green brown
Surface Conditions	1=algal bloom, 2=oil slick, 3=foam, 4=dead fish, 5=debris, 6=other
Cloud Cover	0=no clouds, 1=<25%, 2=25-50%, 3=50-75% 4=75-100%
Wind Direction	Use Cardinal and Semi-cardinal Headings (ex. NW, S, SE)
Wind Speed	Use MPH as read from Wind Meter
Weather	1=fair/Sunny, 2=partly cloudy, 3=cloudy, 4=rain, 5=snow, 6=fog
Wave Height	Height of waves in feet (ft) to the nearest 0.5 Feet (Example: 1.5 Ft)

Site FB-6-BEEKMAN BEACH

DATE	TIME	WATER TEMPERATURE			SALINITY			PH			DISSOLVED OXYGEN			% SATURATION			DEPTH		BACTERIA		NITROGEN						CONDITIONS								PERSONNEL			NOTES	
		Top 0.5m	1.0 m	0.5 m from BTM	Top	1.0m	btm	Top	1.0m	0.5m from Btm	Top	1.0m	Btm	Top	1.0m	Btm	Secchi (m)	Sea floor (m)	Fecal Coliform	Enterococci	NH3	NO2	NO3	TKN	Org	TN	Air Temp (°C)	Rain in 24hrs	Tidal Stage	Water Color	Surface	Cloud Cover	Wind Dir	Wind m/s	Weather	Wave Ht (m)	Data by		Capt
5/1/23	9:10	12.3	12.2	11.9	25.4	25.5	25.7	7.9	7.9	7.9	8.5	8.6	8.5	92.3	92.0	91.6	1.5	5.0	3	<1						14.0	3	1	4	6	1	SW	14.0	1	0.2	ES	Dan		
5/18/23	7:50	16.4	16.5	16.4	0.0	0.0	0.0	9.6	9.4	8.7	9.2	9.4	8.9	93.2	95.3	90.6	1.2	3.8	4	20					9.0	0	4	4	6	0	ENE	5.0	1	0.0	ES	Dan		Salinity meter malfunctioned, so i	
5/30/23	8:17	18.6	18.4	18.3	25.1	25.2	25.4	7.8	7.8	7.8	7.4	7.4	7.4	90.0	90.1	90.4	1.0	3.9	2	9					14.0	0	2	4	6	0	ENE	10.0	1	0.2	ES	Dan			
6/6/23	7:48	18.1	18.1	18.3	25.7	25.8	25.8	10.4	10.4	10.2	7.9	7.9	7.8	98.8	98.5	97.5	1.8	2.1	32	30					17.0	0	4	4	6	4	W	7.0	3	0.0	ES	Dan			

Range-Low	12.3	12.2	11.9	0.0	0.0	0.0	7.8	7.8	7.8	7.4	7.4	7.4	90.0	90.1	90.4	1.0	2.1	2	<1																		
Range-High	18.6	18.4	18.3	25.7	25.8	25.8	10.4	10.4	10.2	9.2	9.4	8.9	98.8	98.5	97.5	1.8	5.0	32	30																		
Average	16.4	16.3	16.2	19.1	19.1	19.2	8.9	8.9	8.6	8.3	8.3	8.2	93.6	94.0	92.5	1.4	3.7	10	15.0																		

Average salinity 19.1

Average pH 8.8

Acceptable high and low ranges

Averages for bacteria calculated with <1 values = 1

LT - Low Tide  
TS - Too Shallow

NS - No Sensor

pH >8.1  
pH <7.7

DO >8.0  
DO <5.0

% Sat >100  
% Sat <50

Depth (m) <3.0

Fecal ≥200  
Enterococci >30

Rainfall in previous 24 hours	0=none, 1=light, 2=moderate, 3=heavy
Tidal Stage	1=high slack, 2=ebbing/falling, 3=low, slack, 4=flooding rising
Water color	1=brown, 2=red brown, 3=green, 4=yellow brown, 5=green brown
Surface Conditions	1=algal bloom, 2=oil slick, 3=foam, 4=dead fish, 5=debris, 6=other
Cloud Cover	0=no clouds, 1=<25%, 2=25-50%, 3=50-75% 4=75-100%
Wind Direction	Use Cardinal and Semi-cardinal Headings (ex. NW, S, SE)
Wind Speed	Use MPH as read from Wind Meter
Weather	1=fair/Sunny, 2=partly cloudy, 3=cloudy, 4=rain, 5=snow, 6=fog
Wave Height	Height of waves in feet (Ft) to the nearest 0.5 Feet (Example: 1:5 Ft)

Site FB-7 - MILL NECK CREEK SOUTH

DATE	TIME	WATER TEMPERATURE			SALINITY			PH			DISSOLVED OXYGEN			% SATURATION			DEPTH		BACTERIA		NITROGEN						CONDITIONS										PERSONNEL			NOTES		
		Top 0.5m	1.0 m	0.5 m from BTM	Top	1.0m	btm	Top	1.0m	0.5m from Btm	Top	1.0m	Btm	Top	1.0m	Btm	Top	1.0m	Btm	Secchi (m)	Sea floor (m)	Fecal Coliform	Enterococci	NH3	NO2	NO3	TKN	Org	TN	Air Temp (°C)	Rain in 24hrs	Tidal Stage	Water Color	Surface	Cloud Cover	Wind Dir	Wind m/s	Weather	Wave Ht (m)		Data by	Capt
5/1/23	8:25	12.2	12.4	12.5	21.3	23.3	23.3	7.8	7.8	7.8	8.5	8.2	8.1	89.0	88.2	86.9	1.1	1.7	51	18									13.0	3	4	4	6	0	SW	12.0	1	0.2	ES	Dan		
5/18/23	11:28	16.6	16.6	16.6	0.0	0.0	0.0	7.8	7.9	7.9	9.7	9.6	9.6	98.8	97.6	97.6	1.0	2.4	15	3								13.0	0	1	4	6	0	E	4.0	1	0.0	ES	Dan		Salinity meter malfunctioned, so it	
5/30/23	7:41	19.6	TS	TS	24.8	TS	TS	8.1	TS	TS	7.2	TS	TS	89.9	TS	TS	1.0	0.9	20	13								13.0	0	2	4	6	0	ENE	10.0	1	0.2	ES	Dan			
6/6/23	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS							TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	ES	Dan			

Range-Low		12.2	12.4	12.5	0.0	0.0	0.0	7.8	7.8	7.8	8.5	8.2	8.1	89.0	88.2	86.9	1.0	1.7	15	3
Range-High		19.6	16.6	16.6	24.8	23.3	23.3	8.1	7.9	7.9	9.7	9.6	9.6	98.8	97.6	97.6	1.1	2.4	20	18
Average		16.1	14.5	14.5	15.4	11.7	11.7	7.9	7.8	7.8	8.4	8.9	8.8	92.6	92.9	92.3	1.0	1.7	29	11

Average salinity 12.9 Average pH 7.9

Acceptable high and low ranges

LT - Low Tide  
NS - No Sensor  
TS - Too Shallow

pH >8.1  
pH <7.7

DO >8.0  
DO <5.0

% Sat >100  
% Sat <50

Depth (m)  
<3.0

Averages for bacteria calculated with <1 values = 1  
Fecal >200  
Enterococci >30

Rainfall in previous 24 hours	0=none, 1=light, 2=moderate, 3=heavy
Tidal Stage	1=high slack, 2=ebbing/falling, 3=low, slack, 4=flooding rising
Water color	1=brown, 2=red brown, 3=green, 4=yellow brown, 5=green brown
Surface Conditions	1=algal bloom, 2=oil slick, 3=foam, 4=dead fish, 5=debris, 6=other
Cloud Cover	0=no clouds, 1=<25%, 2=25-50%, 3=50-75% 4=75-100%
Wind Direction	Use Cardinal and Semi-cardinal Headings (ex. NW, S, SE)
Wind Speed	Use MPH as read from Wind Meter
Weather	1=fair/Sunny, 2=partly cloudy, 3=cloudy, 4=rain, 5=snow, 6=fog
Wave Height	Height of waves in feet (Ft) to the nearest 0.5 Feet (Example: 1.5 Ft)

Site FB-8 - MILL NECK CREEK NORTH

DATE	TIME	WATER TEMPERATURE			SALINITY			PH			DISSOLVED OXYGEN			% SATURATION			DEPTH		BACTERIA		NITROGEN						CONDITIONS										PERSONNEL			NOTES
		Top 0.5m	1.0 m	0.5 m from BTM	Top	1.0m	btm	Top	1.0m	0.5m from Btm	Top	1.0m	Btm	Top	1.0m	Btm	Secchi (m)	Sea floor (m)	Fecal Coliform	Enterococci	NH3	NO2	NO3	TKN	Org	TN	Air Temp (°C)	Rain in 24hrs	Tidal Stage	Water Color	Surface	Cloud Cover	Wind Dir	Wind m/s	Weather	Wave Ht (m)	Data by	Capt	Lead	
5/1/23	8:08	12.5	12.7	12.7	23.7	24.5	24.7	9.1	8.6	8.3	8.6	8.4	8.3	92.2	91.5	90.0	1.5	1.7	25	14							12.0	3	4	4	6	0	SW	12.0	1	0.2	ES	Dan		
5/18/23	11:36	16.7	16.6	16.5	0.0	0.0	0.0	7.9	7.9	7.9	9.9	9.8	9.7	100.6	99.4	98.9	1.3	2.5	5	3							13.0	0	1	4	6	0	E	4.0	1	0.2	ES	Dan	Salinity meter malfunctioned, so it	
5/30/23	7:50	19.5	TS	TS	24.9	TS	TS	7.7	TS	TS	7.5	TS	TS	92.9	TS	TS	1.2	0.9	<1	3						13.0	0	2	4	6	0	ENE	10.0	1	0.2	ES	Dan			
6/6/23	9:45	18.4	TS	TS	25.7	TS	TS	10.4	TS	TS	7.9	TS	TS	98.8	TS	TS	TS	TS	124	127						19.0	0	4	4	6	4	W	8.0	4	0.5	ES	Dan			

Range-Low	12.5	12.7	12.7	0.0	0.0	0.0	7.7	7.9	7.9	7.5	8.4	8.3	92.2	91.5	90.0	1.2	0.9	<1	3
Range-High	19.5	16.6	16.5	25.7	24.5	24.7	10.4	8.6	8.3	9.9	9.8	9.7	100.6	99.4	98.9	1.5	2.5	124	127
Average	16.8	14.6	14.6	18.6	12.3	12.4	8.8	8.3	8.1	8.5	9.1	9.0	96.1	95.5	94.5	1.3	1.7	39	37

Average salinity 14.4 Average pH 8.4

Acceptable high and low ranges

LT - Low Tide  
NS - No Sensor  
TS - Too Shallow

pH >8.1  
pH <7.7

DO >8.0  
DO <5.0

% Sat >100  
% Sat <50

Depth (m)  
<3.0

Averages for bacteria calculated with <1 values = 1  
Fecal ≥200  
Enterococci ≥30

Rainfall in previous 24 hours	0=none, 1=light, 2=moderate, 3=heavy
Tidal Stage	1=high slack, 2=ebbing/falling, 3=low, slack, 4=flooding rising
Water color	1=brown, 2=red brown, 3=green, 4=yellow brown, 5=green brown
Surface Conditions	1=algal bloom, 2=oil slick, 3=foam, 4=dead fish, 5=debris, 6=other
Cloud Cover	0=no clouds, 1=<25%, 2=25-50%, 3=50-75% 4=75-100%
Wind Direction	Use Cardinal and Semi-cardinal Headings (ex. NW, S, SE)
Wind Speed	Use MPH as read from Wind Meter
Weather	1=fair/Sunny, 2=partly cloudy, 3=cloudy, 4=rain, 5=snow, 6=fog
Wave Height	Height of waves in feet (ft) to the nearest 0.5 Feet (Example: 1.5 Ft)