

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 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	Lead
5/3/22	10:10	11.4	11.3	11.0	NS	NS	NS	8.3	8.4	8.3	10.5	11.0	11.2	111.6	116.5	119.6	1.3	4.8	<1	<1							12.2	1	4	5	6	4	NE	11.0	3	0.2	ES	DM		
5/16/22	10:24	14.3	14.0	12.6	NS	NS	NS	NS	NS	NS	9.1	9.9	10.4	105.5	112.3	113.4	2.1	6.2	17	<1						23.0	0	4	5	6	4	NW	6.0	3	0.0	NH	DM			
5/31/22	9:25	18.2	18.2	17.1	25.6	25.6	26.0	7.9	7.9	7.8	7.4	8.1	7.9	93.0	99.5	94.4	1.5	4.7	3	<1						28.0	0	4	5	6	1	E	10.0	1	0.0	NH	DM			
6/13/22	10:55	19.5	19.5	16.6	25.3	25.4	26.0	7.9	7.9	7.5	7.4	8.2	7.1	92.1	103.7	86.7	1.2	6.6	10	<1						24.0	1	4	1	6	1	WNW	4.0	1	0.0	RK	DM			
6/28/22	10:40	19.6	19.6	19.5	25.8	25.5	26.1	7.8	7.9	7.8	7.2	7.9	12.0	93.7	101.0	102.0	1.0	4.6	35	<1						22.0	3	4	5	6	1	N	3.0	2	0.0	RA	DM			
7/11/22	11:05	22.0	20.8	19.7	26.5	26.6	27.0	8.0	7.7	7.4	5.7	5.1	4.2	78.2	68.2	54.0	0.8	6.4	13	<1						25.5	0	2	3	6	0	SW	7.0	1	0.0	LP	DM			
7/25/22	9:56	24.3	24.1	22.7	26.7	26.7	27.3	7.7	7.7	7.6	5.0	5.3	4.4	70.3	74.5	60.0	1.2	6.4	4	<1						29.0	0	1	5	6	3	SW	11.0	2	<0.2	LD	DM		Lots of fish	

Range-Low	11.4	11.3	11.0	25.3	25.4	26.0	7.7	7.7	7.4	5.0	5.1	4.2	70.3	68.2	54.0	0.8	4.6	<1	<1							12.2	1	4	5	6	4	NE	11.0	3	0.2	ES	DM		
Range-High	24.3	24.1	22.7	26.7	26.7	27.3	8.3	8.4	8.3	10.5	11.0	12.0	111.6	116.5	119.6	2.1	6.6	35	<1							23.0	0	4	5	6	4	NW	6.0	3	0.0	NH	DM		
Average	18.5	18.2	17.0	26.0	25.9	26.5	8.0	7.9	7.7	7.5	7.9	8.2	92.1	96.5	90.0	1.3	5.7	14	<1							25.5	0	2	3	6	0	SW	7.0	1	0.0	LP	DM		

Average salinity 26.1 Average pH 7.9

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
 Entero >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			

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 Coli-form	Enterococci	NH3	NO2	NO3	TKN	Org	TN	Air Temp (°C)	Rain in 24hrs	Tidal Stage	Water Color	Sur-face	Cloud Cover	Wind Dir	Wind m/s	Weat her	Wave Ht (m)	Data by		Capt	Lead
5/3/22	9:49	11.2	11.2	10.7	NS	NS	NS	8.4	8.4	8.3	10.5	10.8	10.5	111.4	114.2	111.9	1.7	5.3	<1	<1							11.7	1	4	5	6	4	N	12.0	3	0.2	ES	DM		
5/16/22	10:08	14.2	14.1	13.5	NS	NS	NS	NS	NS	NS	9.4	9.7	9.8	106.2	110.8	110.3	2.0	6.6	1	<1						23.0	0	4	5	6	4	NW	5.0	3	0.0	NH	DM			
5/31/22	9:12	19.6	19.4	17.5	25.8	25.8	26.0	8.1	8.1	8.0	8.0	9.3	9.7	104.7	117.7	116.3	1.3	5.3	<1	<1						27.0	0	4	5	6	1	E	11.0	1	0.0	NC	DM			
6/13/22	10:05	18.8	18.1	16.1	25.7	25.8	26.1	7.8	7.8	7.7	7.4	7.6	7.2	94.1	95.0	85.8	1.3	6.2	1	1						24.0	1	4	1	6	1	NW	4.0	1	0.0	A?	DM			
6/28/22	9:04	20.0	19.9	19.0	26.0	26.0	26.2	7.9	7.9	7.7	6.8	7.5	7.1	88.1	96.8	88.5	1.3	6.4	5	1						19.0	3	4	5	6	1	N	3.0	2	0.0	EA	DM			
7/11/22	10:35	21.8	21.6	18.8	26.7	26.7	27.1	7.9	7.9	7.5	6.8	5.9	4.8	91.4	79.3	60.2	1.5	7.1	<1	<1						25.0	0	2	3	6	0	SW	7.0	1	0.0	LP	DM			
7/25/22	9:38	25.1	25.1	25.0	26.8	26.8	26.9	8.0	8.0	8.0	7.7	7.8	7.5	109.8	111.3	106.7	1.2	4.3	<1	<1						31.0	0	4	5	6	1	SW	11.0	1	0.0	LD	DM			

Range-Low	11.2	11.2	10.7	25.7	25.8	26.0	7.8	7.8	7.5	6.8	5.9	4.8	88.1	79.3	60.2	1.2	4.3	<1	<1																				
Range-High	25.1	25.1	25.0	26.8	26.8	26.9	8.4	8.4	8.3	10.5	10.8	10.5	111.4	117.7	116.3	2.0	7.1	5	1																				
Average	18.7	18.5	17.2	26.2	26.2	26.4	8.0	8.0	7.9	8.1	8.4	8.1	100.8	103.6	97.1	1.5	5.9	2	1																				

Average salinity 26.3 Average pH 8.0

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

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			

Site FB-3 SEAWANHAKA YACHT CLUB PSTP OUTFALL

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 Coli-form	Enter o-cocci	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	Data by	Capt
5/3/22	9:30	11.5	11.5	10.8	NS	NS	NS	8.3	8.3	8.3	9.7	9.8	9.8	103.9	105.0	103.4	1.4	6.4	<1	<1									11.7	1	4	5	6	4	N	12.0	3	0.2	ES	DM		
5/16/22	9:55	14.4	14.4	13.9	NS	NS	NS	NS	NS	NS	9.0	9.2	9.5	102.3	106.5	107.7	1.8	6.2	4	1									22.0	0	4	5	6	4	NW	6.0	3	0.0	NH	DM		
5/31/22	8:58	18.7	18.6	17.8	26.0	25.9	26.0	7.9	7.9	7.9	8.1	8.2	8.2	100.3	101.8	100.3	1.8	4.6	<1	<1									26.0	0	4	5	6	1	E	9.0	1	0.0	NH	DM		
6/13/22	9:47	18.5	18.4	17.7	25.6	25.6	25.7	7.8	7.8	7.7	7.6	7.7	7.5	94.6	95.7	92.0	1.2	5.4	2	<1									24.0	1	4	1	6	0	W	5.0	1	0.0	RK	DM		
6/28/22	9:45	19.5	19.2	19.0	26.1	26.1	26.1	7.8	7.8	7.7	6.8	6.9	6.7	86.4	86.6	84.0	1.3	5.8	24	1									19.0	3	4	5	6	1	N	5.0	2	0.0	EA	DM		
7/11/22	10:30	22.1	21.9	21.2	26.7	26.7	26.7	7.9	7.9	7.7	7.2	6.9	6.2	96.9	91.9	81.5	1.6	6.4	<1	<1									23.9	0	1	3	6	0	SW	6.0	1	0.0	LP	DM		
7/25/22	9:15	24.9	24.8	24.3	26.9	26.9	27.0	7.8	7.8	7.8	6.0	6.1	5.9	85.0	86.3	82.8	1.2	7.4	1	<1									31.0	0	4	3	6	3	SW	12.0	3	<0.2	LD	DM		

Range-Low	11.5	11.5	10.8	25.6	25.6	25.7	7.8	7.8	7.7	6.0	6.1	5.9	85.0	86.3	81.5	1.2	4.6	<1	<1
Range-High	24.9	24.8	24.3	26.9	26.9	27.0	8.3	8.3	8.3	9.7	9.8	9.8	103.9	106.5	107.7	1.8	7.4	24	1
Average	18.5	18.4	17.8	26.2	26.2	26.3	7.9	7.9	7.8	7.8	7.8	7.7	95.6	96.3	93.1	1.5	6.0	4.7	1

Average salinity 26.3 Average pH 7.9

Averages for bacteria calculated with <1 values = 1

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

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

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	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
5/3	9:07	11.6	11.6	11.5	NS	NS	NS	8.2	8.2	8.2	9.8	9.9	10.0	104.5	105.9	106.6	1.7	2.4	1	<1									11.0	1	4	5	6	4	NE	12.0	3	0.2	ES	DM		
5/16	9:40	15.2	14.7	14.2	NS	NS	NS	NS	NS	NS	9.0	9.3	9.4	102.7	107.1	107.6	1.8	2.8	3	<1									22.0	0	4	5	6	3	NW	6.0	2	0.0	NH	DM		
5/31	8:41	19.9	19.9	19.9	25.6	25.7	25.7	7.9	7.9	7.9	7.4	7.6	7.6	93.6	96.1	96.1	7	1.1	12	<1									26.0	0	3	5	6	1	E	9.0	1	0.0	NH	DM		
6/13/22	9:20	19.5	19.5	19.1	25.5	25.5	25.5	7.7	7.7	7.7	7.2	7.2	7.3	90.6	91.7	91.7	0.9	3.1	15	<1									24.0	1	4	1	6	1	NW	3.0	1	0.0	ES	DM		
6/28/22	9:07	20.1	20.0	20.1	25.7	25.7	25.8	7.7	7.7	7.7	7.8	6.8	6.8	87.0	87.5	87.5	1.1	2.6	26	<1									19.0	3	4	5	6	3	N	5.0	2	0.0	EA	DM		
7/11/22	9:49	22.8	22.5	22.1	26.6	26.6	26.6	7.8	7.8	7.7	6.7	6.7	6.8	91.4	90.5	90.8	1.2	3.4	<1	<1									24.4	0	1	5	6	0	SW	6.0	1	0.0	LP	DM		
7/25/22	8:55	25.2	25.2	24.3	26.6	26.7	26.9	7.9	7.9	7.7	5.6	6.0	5.9	81.5	86.0	80.9	1.2	3.4	3	2									31.0	0	4	5	6	2	SW	11.0	1	0.0	LD	DM		

Range-Low	11.6	11.6	11.5	25.5	25.5	25.5	7.7	7.7	7.7	5.6	6.0	5.9	81.5	86.0	80.9	0.9	1.1	1	<1																							
Range-High	25.2	25.2	24.3	26.6	26.7	26.9	8.2	8.2	8.2	9.8	9.9	10.0	104.5	107.1	107.6	1.8	3.4	26	2																							
Average	19.2	19.1	18.7	26.0	26.0	26.1	7.9	7.9	7.8	7.6	7.6	7.7	93.0	95.0	94.5	1.3	2.7	8.70	1.1																							

Average salinity 26.0 Average pH 7.8

Averages for bacteria calculated with <1 values = 1

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
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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

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 Coli-form	Enterococci	NH3	NO2	NO3	TKN	Org	TN	Air Temp (°C)	Rain in 24hrs	Tidal Stage	Water Color	Sur-face	Cloud Cover	Wind Dir	Wind m/s	Wheat her		Wave Ht (m)	Data by	Capt
5/3/22	8:20	11.5	11.5	TS	NS	NS	NS	8.2	8.2	TS	9.6	9.7	TS	103.0	103.8	TS	1.3	1.8	<1	<1							10.6	1	4	5	6	4	N	6.0	3	0.2	ES	DM	
5/16/22	9:20	15.0	14.9	14.4	NS	NS	NS	NS	NS	NS	9.0	9.2	9.4	104.9	106.7	108.1	1.9	2.8	9	<1						22.0	0	4	5	6	2	NW	6.0	1	0.0	NH	DM		
5/31/22	8:25	18.8	18.6	18.5	25.8	25.8	25.9	7.9	7.9	7.9	8.0	8.1	8.1	98.3	100.5	100.2	1.1	1.8	14	<1						26.0	0	3	5	6	1	E	9.0	1	0.0	NH	DM		
6/13/22	8:55	19.7	19.2	18.9	25.6	25.5	25.5	7.7	7.7	7.6	7.1	7.3	6.9	91.4	91.6	86.1	1.1	3.4	3	2						22.0	1	4	1	6	0	NW	4.0	1	0.0	RK	DM		
6/28/22	8:57	23.0	20.3	20.2	25.8	25.8	25.8	7.8	7.8	7.7	7.1	7.0	6.9	90.7	89.9	88.4	1.1	3.1	6	1						18.0	3	4	5	6	3	N	5.0	2	0.0	EA	DM		
7/11/22	9:35	22.1	22.1	21.8	26.4	26.5	28.6	7.7	7.7	7.6	5.9	5.5	5.5	78.9	74.4	72.0	1.0	4.2	3	2						23.9	0	1	3	6	0	SW	6.0	1	0.0	LP	DM		
7/25/22	8:34	24.7	24.7	22.6	26.7	26.7	27.3	7.8	7.8	7.6	5.1	5.7	4.9	74.4	80.5	66.5	1.5	3.8	9	4						28.0	0	4	5	6	2	SW	12.0	2	0.0	LD	DM		

Range-Low	11.5	11.5	14.4	25.6	25.5	25.5	7.7	7.7	7.6	5.1	5.5	4.9	74.4	74.4	66.5	1.0	1.8	<1	<1																		
Range-High	24.7	24.7	22.6	26.7	26.7	28.6	8.2	8.2	7.9	9.6	9.7	9.4	104.9	106.7	108.1	1.9	4.2	14	24																		
Average	19.2	18.7	19.4	26.1	26.1	26.6	7.8	7.8	7.7	7.4	7.5	6.9	91.7	92.5	86.9	1.3	3.0	6	2																		

Average salinity 26.2 Average pH 7.8

Averages for bacteria calculated with <1 values = 1

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

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

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 Coli-form	Enter o-cocci	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
5/3/22	7:40	11.6	11.7	11.7	NS	NS	NS	8.3	8.3	8.2	9.7	9.6	9.7	103.2	103.6	104.4	1.3	3.7	15	<1							11.0	1	4	5	6	4	NNE	11.0	3	0.3	ES	DM	
5/16/22	9:00	15.7	15.6	15.3	NS	NS	NS	NS	NS	NS	9.2	9.5	9.6	108.8	111.6	111.6	1.1	4.7	9	<1							19.0	0	4	5	6	2	NW	4.0	1	0.0	NH	DM	
5/31/22	7:54	20.0	19.8	19.1	25.7	25.8	25.7	7.9	7.9	7.8	7.8	8.0	7.8	98.9	100.8	97.6	1.5	3.6	4	<1							25.0	0	3	5	6	1	E	8.0	1	0.0	NH	DM	
6/13/22	8:15	20.5	20.5	19.9	25.0	25.2	25.4	7.7	7.7	7.7	7.5	7.7	7.5	96.5	99.5	96.1	0.9	4.9	13	2							22.0	1	4	1	6	0	NW	5.0	1	0.0	A?	DM	
6/28/22	8:00	21.2	21.2	21.1	25.4	25.4	25.5	7.9	7.9	7.8	7.3	7.3	7.2	95.0	95.4	92.9	1.8	3.7	10	1							18.0	3	4	1	6	3	N	5.0	3	0.0	ES	DM	
7/11/22	8:35	22.7	22.7	22.1	26.4	26.4	26.4	7.7	7.7	7.6	5.9	6.9	5.5	79.4	93.4	73.7	1.1	5.6	3	<1							21.1	0	4	5	6	0	SW	6.0	1	0.0	LP	DM	
7/25/22	7:50	25.8	25.7	24.7	26.7	26.7	26.7	7.9	7.9	7.6	6.0	6.4	5.6	88.6	92.4	77.3	1.1	4.9	4	3							27.2	0	4	5	6	2	SW	11.0	2	0.0	LD	DM	

Range-Low	11.6	11.7	11.7	25.0	25.2	25.4	7.7	7.7	7.6	5.9	6.4	5.5	79.4	92.4	73.7	0.9	3.6	3	<1																			
Range-High	25.8	25.7	24.7	26.7	26.7	26.7	8.3	8.3	8.2	9.7	9.6	9.7	108.8	111.6	111.6	1.8	5.6	15	3																			
Average	19.6	19.6	19.1	25.8	25.9	26.0	7.9	7.9	7.8	7.6	7.9	7.6	95.8	99.5	93.4	1.3	4.4	8	1																			

Average salinity 25.9 Average pH 7.9

Averages for bacteria calculated with <1 values = 1

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

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			

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 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
5/3/22	11:25	13.4	TS	TS	NS	NS	NS	8.1	TS	TS	9.1	TS	TS	100.1	TS	TS	0.8	1.2	7	<1								13.0	1	4	5	6	4	NE	12.0	3	0.2	ES	DM		
5/16/22		TS	TS	TS	NS	NS	NS	NS	NS	NS	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS						0	4	5		2				1		NH	DM		
5/31/22	10:16	21.9	TS	TS	25.2	TS	TS	7.8	TS	TS	7.5	TS	TS	99.1	TS	TS		0.9	18	<1							30.0	0	4	5	6	1	SE	10.0	1	0.0	NH	DM			
6/13/22	12:28	21.5	21.1	TS	24.9	25.3	TS	7.6	7.6	TS	7.0	7.6	TS	93.2	98.6	TS	0.6	7.9	320	1							22.0	1	2	1	6	3	W	5.0	3	0.0	ES	DM			
6/28/22	12:18	22.6	22.5	TS	24.6	24.9	TS	7.6	7.6	TS	6.8	6.8	TS	90.4	90.7	TS	0.6	1.9	110	3							23.0	3	4	5	6	1	N	3.0	1	0.0	AV	DM			
7/11/22	7:40	24.1	TS	TS	25.8	TS	TS	7.6	TS	TS	5.5	TS	TS	75.7	TS	TS	0.8	1.5	63	46							21.1	0	4	5	6	0	SW	3-4	1	0.0	LP	DM			
7/25/22	11:05	27.3	27.2	TS	25.7	26.1	TS	7.9	7.9	TS	6.4	6.6	TS	95.7	97.5	TS	0.7	1.9	50	19							29.0	0	2	5	6	4	SW	13	3	0.0	LD	DM		We took accu	

Range-Low		13.4	21.1		24.6	24.9		7.6	7.6		5.5	6.6		75.7	90.7		0.6	0.9	7	<1																							
Range-High		27.3	27.2		25.8	26.1		8.1	7.9		9.1	7.6		100.1	98.6		0.8	7.9	320	46																							
Average		21.8	23.6		25.2	25.4		7.8	7.7		7.1	7.0		92.4	95.6		0.7	2.5	95	12																							

Average salinity 25.3 Average pH 7.7

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
 Entero >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

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	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
5/3/22	11:07	12.7	12.7	TS	NS	NS	NS	8.1	8.1	TS	9.1	9.2	TS	99.0	100.6	TS	0.8	2.4	5	<1									13.0	1	4	5	6	4	ENE	12.0	3	0.2	ES	DM		
5/16/22	TS	TS	TS	TS	NS	NS	NS	NS	NS	NS	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS								0	4	5	2					1		NH	DM		
5/31/22	10:06	21.4	TS	TS	25.4	TS	TS	7.8	TS	TS	7.5	TS	TS	98.1	TS	TS		0.9	8	<1								29.0	0	4	5	6	1	SE	9.0	1	0.0	NH	DM			
6/13/22	12:15	21.8	20.8	20.4	25.5	25.6	25.6	7.8	7.8	7.8	7.3	7.2	7.7	97.1	101.1	99.0	0.7	2.6	49	<1								23.9	1	2	1	6	1	WNW	5.0	2	0.2	ES	DM			
6/28/22	12:25	22.9	22.2	TS	25.4	25.5	TS	7.8	7.8	TS	7.0	7.2	TS	94.3	95.6	TS	1.0	2.1	21	1								23.0	3	4	5	6	1	N	3.0	1	0.0	A?	DM			
7/11/22	7:55	23.2	23.2	TS	26.1	26.2	TS	7.7	7.7	TS	6.1	6.1	TS	82.5	82.6	TS	0.8	1.8	14	10								21.1	0	4	5	6	0	SW	2.0	1	0.0	LP	DM			
7/25/22	11:15	27.4	27.2	26.7	26.1	26.2	26.4	8.0	7.9	7.9	6.6	6.9	6.4	98.4	101.2	94.1	0.9	1.9	16	<1								29.4	0	2	5	6	4	SW	12.0	3	0.0	LD	DM			

Range-Low	12.7	12.7	20.4	25.4	25.5	25.6	7.7	7.7	7.8	6.1	6.1	6.4	82.5	82.6	94.1	0.7	0.9	5	<1
Range-High	27.4	27.2	26.7	26.1	26.2	26.4	8.0	7.9	7.9	9.1	9.2	7.7	99.0	101.2	99.0	1.0	2.6	49	10
Average	21.6	21.2	23.6	25.7	25.9	26.0	7.9	7.9	7.8	7.2	7.3	7.1	94.9	96.2	96.6	0.8	1.9	19	2.5

Average salinity 25.9 Average pH 7.8

Averages for bacteria calculated with <1 values = 1

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

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					