

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	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		Data by	Capt
5/3	10:10	11.41	11.32	10.99	NS	NS	NS	8.34	8.37	8.30	10.53	11.00	11.23	111.6	116.5	119.6	1.3	4.82	<1	<1									12.2	1	4	5	6	4	NE	11.0	3	0.5	ES	DM		
5/16	10:24	14.33	14.04	12.61	NS	NS	NS	NS	NS	NS	9.11	9.85	10.44	105.5	112.3	113.4	2.1	6.18	17	<1								23.0	0	4	5	6	4	NW	6.0	3	0.0	NH	DM			
5/31	9:25	18.21	18.22	17.13	25.58	25.61	25.95	7.93	7.94	7.82	7.44	8.09	7.94	93.0	99.5	94.4	1.5	4.74	3	<1								28.0	0	4	5	6	1	E	10.0	1	0.0	NH	DM			
6/13	10:35	19.54	19.47	16.64	25.30	25.37	25.99	7.87	7.88	7.54	7.38	8.24	7.10	92.1	103.7	86.7	1.2	6.59	10	<1								24.0	1	4	1	6	1	WNW	4.0	1	0.0	RK	DM			
6/28	10:40	19.55	19.57	19.49	25.52	25.51	26.08	7.84	7.87	7.79	7.24	7.93	11.95	93.7	101.0	102.0	1.0	4.56	21	1								22.0	3	4	5	6	1	N	3.0	2	0.0	RA	DM			

Range-Low		11.41	11.32	10.99	25.30	25.37	25.95	7.84	7.87	7.54	7.24	7.93	7.10	92.1	99.50	86.7	1.0	4.56	<1	<1																													
Range-High		19.55	19.57	19.49	25.58	25.61	26.08	8.34	8.37	8.30	10.53	11.00	11.95	111.60	116.50	119.60	2.10	6.59	21	1																													
Average		16.61	16.52	15.37	25.47	25.50	26.01	8.00	8.02	7.86	8.34	9.02	9.73	99.18	106.60	103.22	1.42	5.38	10	<1																													
		Average salinity #####					Average pH					8.0																																					

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

pH  
pH

DO  
DO

% Sat  
% Sat

Depth

Fecal  
Enterococci

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	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		Data by
5/3	9:49	11.19	11.17	10.73	NS	NS	NS	8.35	8.37	8.28	10.54	10.75	10.51	111.4	114.2	111.9	1.7	5.33	<1	<1									11.7	1	4	5	6	4	N	12.0	3	0.5	ES	DM	
5/16	10:08	14.15	14.09	13.51	NS	NS	NS	NS	NS	NS	9.36	9.69	9.81	106.2	110.8	110.3	2.0	6.59	1	<1								23.0	0	4	5	6	4	NW	5.0	3	0.0	NH	DM		
5/31	9:12	19.56	19.44	17.47	25.81	25.82	26.01	8.13	8.13	7.97	7.97	9.31	9.68	104.7	117.7	116.3	1.3	5.28	<1	<1								27.0	0	4	5	6	1	E	11.0	1	0.0	NC	DM		
6/13	10:05	18.78	18.08	16.05	25.73	25.76	26.12	7.78	7.78	7.66	7.39	7.60	7.23	94.1	95.0	85.8	1.3	6.19	1	1								24.0	1	4	1	6	1	NW	4.0	1	0.0	AV	DM		
6/28	9:04	20.03	19.89	18.94	26.03	26.04	26.18	7.88	7.87	7.74	6.76	7.54	7.11	88.1	96.8	88.5	1.3	6.42	5	<1								19.0	3	4	5	6	1	N	3.0	2	0.0	AV	DM		

Range-Low	11.19	11.17	10.73	25.73	25.76	26.01	7.78	7.78	7.66	6.76	7.54	7.11	88.1	95.0	85.8	1.30	5.28	<1	<1																									
Range-High	20.03	19.89	18.94	26.03	26.04	26.18	8.35	8.37	8.28	10.54	10.75	10.51	111.40	117.70	116.30	2.00	6.59	5	1																									
Average	16.74	16.53	15.34	25.86	25.87	26.10	8.04	8.04	7.91	8.40	8.98	8.87	100.90	106.90	102.56	1.52	5.96	2	<1																									
		Average salinity					25.9					Average pH					8.0																											

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

pH  
 pH

DO  
 DO

% Sat  
 % Sat

Depth

Fecal  
 Entero

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	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	Data by		Capt
5/3	9:30	11.49	11.50	10.75	NS	NS	NS	8.27	8.27	8.25	9.72	9.82	9.80	103.9	105.0	103.4	1.4	6.35	<1	<1							11.7	1	4	5	6	4	N	12.0	3	0.7	ES	DM	
5/16	9:55	14.39	14.37	13.86	NS	NS	NS	NS	NS	NS	8.97	9.24	9.49	102.3	106.5	107.7	1.8	6.19	4	1						22.0	0	4	5	6	4	NW	6.0	3	0.0	NH	DM		
5/31	8:58	18.71	18.55	17.79	25.95	25.94	26.01	7.90	7.91	7.88	8.06	8.23	8.23	100.3	101.8	100.3	1.8	4.63	<1	<1						26.0	0	4	5	6	1	E	9.0	1	0.0	NH	DM		
6/13	9:47	18.48	18.42	17.67	25.63	25.58	25.66	7.76	7.76	7.72	7.59	7.68	7.48	94.6	95.7	92.0	1.2	5.44	2	<1						24.0	1	4	1	6	0	W	5.0	1	0.0	RK	DM		
6/28	9:45	19.52	19.28	18.97	26.08	26.14	26.13	7.76	7.76	7.74	6.77	6.85	6.68	86.4	86.6	84.0	1.3	5.83	24	1						19.0	3	4	5	6	1	N	5.0	2	0.0	AV	DM		

Range-Low	11.49	11.50	10.75	25.63	25.58	25.66	7.76	7.76	7.72	6.77	6.85	6.68	86.4	86.6	84.0	1.20	4.63	<1	<1																			
Range-High	19.52	19.28	18.97	26.08	26.14	26.13	8.27	8.27	8.25	9.72	9.82	9.80	103.90	106.50	107.70	1.80	6.35	24	1																			
Average	16.52	16.42	15.81	25.89	25.89	25.93	7.92	7.93	7.90	8.22	8.36	8.34	97.50	99.12	97.48	1.50	5.69	6	<1																			
	Average salinity			25.9	Average pH			7.9																														

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

pH  
 pH

DO  
 DO

% Sat  
 % Sat

Depth

Fecal  
 Entero

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 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	Data by		Capt
5/3	9:07	11.64	11.57	11.53	NS	NS	NS	8.21	8.23	8.23	9.77	9.89	9.96	104.5	105.9	106.6	1.7	2.39	1	<1							11.0	1	4	5	6	4	NE	12.0	3	0.5	ES	DM	
5/16	9:40	15.15	14.71	14.16	NS	NS	NS	NS	NS	NS	8.96	9.29	9.43	102.7	107.1	107.6	1.8	2.75	3	<1						22.0	0	4	5	6	3	NW	6.0	2	0.0	NH	DM		
5/31	8:41	19.92	19.93	19.93	25.61	25.70	25.70	7.86	7.87	7.87	7.36	7.58	7.58	93.6	96.1	96.1	?	1.12	12	<1						26.0	0	3	5	6	1	E	9.0	1	0.0	NH	DM		
6/13	9:20	19.45	19.47	19.10	25.47	25.46	25.53	7.72	7.72	7.70	7.15	7.23	7.27	90.6	91.7	91.7	0.9	3.17	15	<1						24.0	1	4	1	6	1	NW	3.0	1	0.0	ES	DM		
6/28	9:07	20.06	20.03	20.07	25.67	25.67	25.80	7.74	7.73	7.71	7.78	6.84	6.83	87.0	87.5	87.5	1.1	2.63	26	<1						19.0	3	4	5	6	3	N	5.0	2	0.0	AV	DM		

Range-Low	11.64	11.57	11.53	25.47	25.46	25.53	7.72	7.72	7.70	7.15	6.84	6.83	87.0	87.5	87.5	0.90	1.12	1	<1																			
Range-High	20.06	20.03	20.07	25.67	25.70	25.80	8.21	8.23	8.23	9.77	9.89	9.96	104.50	107.10	107.60	1.80	3.17	26	<1																			
Average	17.24	17.14	16.96	25.58	25.61	25.68	7.88	7.89	7.88	8.20	8.17	8.21	95.68	97.66	97.90	1.38	2.15	11	<1																			
	Average salinity			25.6	Average pH			7.9																														

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

pH  
 pH

DO  
 DO

% Sat  
 % Sat

Depth

Fecal  
 Entero

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	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		Data by
5/3	8:20	11.46	11.46	TS	NS	NS	NS	8.23	8.22	TS	9.62	9.71	TS	103.0	103.8	TS	1.3	1.84	<1	<1								10.6	1	4	5	6	4	N	6.0	3	0.8	ES	DM		
5/16	9:20	15.03	14.86	14.41	NS	NS	NS	NS	NS	NS	8.97	9.24	9.44	104.9	106.7	108.1	1.9	2.80	9	<1							22.0	0	4	5	6	2	NW	6.0	1	0.0	NH	DM			
5/31	8:25	18.76	18.58	18.49	25.83	25.84	25.89	7.88	7.88	7.88	7.98	8.13	8.13	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	8:55	19.70	19.22	18.94	25.55	25.45	25.53	7.71	7.66	7.61	7.13	7.26	6.86	91.4	91.6	86.1	1.1	3.37	3	2							22.0	1	4	1	6	0	NW	4.0	1	0.0	RK	DM			
6/28	8:57	23.00	20.29	20.20	25.77	25.80	25.79	7.76	7.76	7.74	7.06	6.99	6.89	90.70	89.90	88.4	1.1	3.06	6	<1							18.0	3	4	5	6	3	N	5.0	2	0.0	AV	DM			

Range-Low	11.46	11.46	14.41	25.55	25.45	25.53	7.71	7.66	7.61	7.06	6.99	6.86	90.70	89.90	86.1	1.10	1.80	<1	<1																									
Range-High	23.00	20.29	20.20	25.83	25.84	25.89	8.23	8.22	7.88	9.62	9.71	9.44	104.90	106.70	108.10	1.90	3.37	14	2																									
Average	17.59	16.88	18.01	25.72	25.70	25.74	7.90	7.88	7.74	8.15	8.27	7.83	97.66	98.50	95.70	1.30	2.57	7	1																									

Average salinity 25.7      Average pH 7.8

LT - Low Tide	NS - No Sensor	pH	DO	% Sat	Depth	Fecal
TS - Too Shallow		pH	DO	% Sat		Enterococci

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	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		Data by	Capt
5/3	7:40	11.62	11.70	11.67	NS	NS	NS	8.32	8.27	8.23	9.65	9.63	9.70	103.2	103.6	104.4	1.3	3.73	15	<1									11.0	1	4	5	6	4	NNE	11.0	3	1.0	ES	DM		
5/16	9:00	15.65	15.63	15.32	NS	NS	NS	NS	NS	NS	9.21	9.52	9.58	108.8	111.6	111.6	1.1	4.68	9	<1									19.0	0	4	5	6	2	NW	4.0	1	0.0	NH	DM		
5/31	7:54	20.01	19.80	19.07	25.71	25.78	25.72	7.90	7.89	7.81	7.79	7.98	7.84	98.9	100.8	97.6	1.5	3.58	4	<1									25.0	0	3	5	6	1	E	8.0	1	0.0	NH	DM		
6/13	8:15	20.50	20.49	19.93	25.03	25.17	25.41	7.73	7.73	7.65	7.51	7.70	7.49	96.5	99.5	96.1	0.9	4.86	13	2									22.0	1	4	1	6	0	NW	5.0	1	0.0	AV	DM		
6/28	8:00	21.18	21.16	21.08	25.40	25.40	25.49	7.88	7.88	7.81	7.27	7.29	7.16	95.0	95.4	92.9	1.8	3.74	10	1									18.0	3	4	1	6	3	N	5.0	3	0.0	ES	DM		

Range-Low	11.62	11.70	11.67	25.03	25.17	25.41	7.73	7.73	7.65	7.27	7.29	7.16	95.0	95.4	92.9	0.9	3.58	4	<1																											
Range-High	21.18	21.16	21.08	25.71	25.78	25.72	8.32	8.27	8.23	9.65	9.63	9.70	108.80	111.60	111.60	1.8	4.86	15	<1																											
Average	17.79	17.76	17.41	25.38	25.45	25.54	7.96	7.94	7.88	8.29	8.42	8.35	100.48	102.18	100.52	1.32	4.12	10	<1																											
		Average salinity			25.5			Average pH			7.9																																			

LT - Low Tide	NS - No Sensor	pH	DO	% Sat	Depth	Fecal
TS - Too Shallow		pH	DO	% Sat		Enterococci

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		Wave Ht	Data by	Capt	Lead
5/3	11:25	13.40	TS	TS	NS	NS	NS	8.06	TS	TS	9.07	TS	TS	100.1	TS	TS	0.8	1.23	7	<1									13.0	1	4	5	6	4	NE	12.0	3	0.5	ES	DM				
5/16	TS	TS	TS	TS	NS	NS	NS	NS	NS	NS	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS	TS							0	4	5	6	2											
5/31	10:16	21.89	TS	TS	25.22	TS	TS	7.83	TS	TS	7.54	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	12:28	21.47	21.06	TS	24.91	25.27	TS	7.62	7.58	TS	7.01	7.56	TS	93.2	98.6	TS	0.6	7.90	320	1								27.2	1	2	1	6	3	W	5.0	3	0.0	ES	DM					
6/28	12:18	22.62	22.49	TS	24.64	24.91	TS	7.60	7.63	TS	6.77	6.80	TS	90.4	90.7	TS	0.6	1.87	110	3								23.0	3	4	5	6	1	N	3.0	1	0.0	AV	DM					

Range-Low	13.40	21.06		24.64	24.91		7.60	7.58		6.77	6.80		90.4	90.7		0.60	0.9	7	<1																											
Range-High		22.62	22.49		25.22	25.27		8.06	7.63		9.07	7.56		100.10	98.6		0.80	7.90	320	3																										
Average		19.85			24.92			7.78	7.61		7.60			95.70	94.65		0.67	2.98	91	1.20																										

Average salinity 24.9 Average pH 7.7

LT - Low Tide  
 TS - Too Shallow

pH  
 pH

DO  
 DO

% Sat  
 % Sat

Depth

Fecal  
 Entero

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 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	Data by	Capt		Lead
5/3	11:07	12.68	12.65	TS	NS	NS	NS	8.06	8.07	TS	9.08	9.20	TS	99.0	100.6	TS	0.8	2.38	5	<1							13.0	1	4	5	6	4	ENE	12.0	3	0.5	ES	DM		
5/16	TS	TS	TS	TS	NS	NS	NS	NS	NS	NS	TS	TS	TS	TS	TS	TS	TS	TS	TS								0	4	5	6	2						NH	DM		
5/31	10:06	21.44	TS	TS	25.44	TS	TS	7.82	TS	TS	7.46	TS	TS	98.1	TS	TS	0.88		8	<1						29.0	0	4	5	6	1	SE	9.0	1	0.0	NH	DM			
6/13	12:15	21.75	20.84	20.40	25.50	25.60	25.61	7.84	7.84	7.79	7.27	7.24	7.67	97.1	101.1	99.0	0.7	2.64	49	<1						23.9	1	2	1	6	1	WNW	5.0	2	0.5	ES	DM			
6/28	12:25	22.94	22.20	TS	25.42	25.48	TS	7.80	7.79	TS	6.99	7.19	TS	94.3	95.6	TS	0.95	2.09	21	1						23.0	3	4	5	6	1	N	3.0	1	0.0	AV	DM			

<b>Range-Low</b>	12.68	12.65	20.4	25.42	25.48	25.61	7.80	7.79	7.79	6.99	7.19	7.67	94.3	95.6	99.0	0.70	0.88	5	<1																				
<b>Range-High</b>	22.94	22.20	20.4	25.50	25.60	25.61	8.06	8.07	7.79	9.08	9.20	7.67	99.00	101.1	99.0	0.95	2.64	49	1																				
<b>Average</b>	19.703	18.563	20.4	25.453	25.54	25.61	7.88	7.90	7.79	7.70	7.88	7.67	97.13	99.10	99.00	0.82	2.00	17	<1																				
	Average salinity			25.5			Average pH			7.9																													

LT - Low Tide  
 TS - Too Shallow

pH  
 pH

DO  
 DO

% Sat  
 % Sat

Depth

Fecal  
 Entero