

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 | Lead | |
| 5/1/23 | 11:11 | 11.9 | 11.7 | 10.9 | 26.0 | 26.8 | 26.4 | 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 | | | |
| 6/20/23 | 9:43 | 20.3 | 20.2 | 17.5 | 25.3 | 25.3 | 26.3 | 7.9 | 7.9 | 7.8 | 6.3 | 6.6 | 6.5 | 81.3 | 85.0 | 81.0 | 1.0 | 5.0 | 46 | 1 | | | | | | 19.0 | 0 | 4 | 4 | 6 | 4 | E | 8.0 | 3 | 0.5 | ES | Dan | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|------|------|------|------|------|------|-----|-----|-----|------|------|------|-------|-------|-------|-----|-----|-----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Range-Low | 11.9 | 11.7 | 10.9 | 0.0 | 0.0 | 0.0 | 7.9 | 7.9 | 7.6 | 6.3 | 6.6 | 6.5 | 81.3 | 85.0 | 81.0 | 1.0 | 4.6 | <1 | <1 | | | | | | | | | | | | | | | | | | | | |
| Range-High | 20.3 | 20.2 | 17.5 | 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 | 16.8 | 16.7 | 15.5 | 20.4 | 20.5 | 20.9 | 8.0 | 8.0 | 7.8 | 7.9 | 8.3 | 8.2 | 90.7 | 94.7 | 90.1 | 1.3 | 5.4 | 32 | 15 | | | | | | | | | | | | | | | | | | | | |

Average salinity 20.6 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-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 | 26.1 | 26.1 | 26.4 | 8.0 | 7.9 | 7.9 | 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 i |
| 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 | | | | |
| 6/20/23 | 9:23 | 20.7 | 20.6 | 17.8 | 25.5 | 25.6 | 26.3 | 8.1 | 8.1 | 7.9 | 6.8 | 7.5 | 7.9 | 89.6 | 97.7 | 98.2 | 1.4 | 5.6 | 4 | 3 | | | | | | 19.0 | 0 | 4 | 4 | 6 | 4 | E | 8.0 | 3 | 0.5 | ES | Dan | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|------|------|------|------|------|------|-----|-----|-----|------|------|------|-------|-------|-------|-----|-----|----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Range-Low | 11.6 | 11.6 | 10.9 | 0.0 | 0.0 | 0.0 | 8.0 | 7.9 | 7.8 | 6.8 | 7.5 | 7.2 | 89.6 | 94.7 | 87.1 | 1.4 | 5.0 | <1 | <1 | | | | | | | | | | | | | | | | | | | | | |
| Range-High | 20.7 | 20.6 | 17.8 | 26.7 | 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 | 16.7 | 16.6 | 14.9 | 20.5 | 20.6 | 21.0 | 8.0 | 8.0 | 7.9 | 8.5 | 8.6 | 8.5 | 97.0 | 99.6 | 94.5 | 1.7 | 6.1 | 4 | 8 | | | | | | | | | | | | | | | | | | | | | |

Average salinity 20.7 Average pH 8.0

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-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 Coliform | Enterococci | NH3 | NO2 | NO3 | TKN | Org | TN | Air Temp (°C) | Rain in 24hrs | Tidal Stage | Water Color | Surface Cover | Cloud Cover | Wind Dir | Wind m/s | Weather | Wave Ht (m) | Data by | | Capt | Lead | |
| 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 | 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 it | | |
| 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 | | | | |
| 6/20/23 | 9:05 | 20.5 | 20.5 | 18.1 | 25.7 | 25.7 | 26.2 | 7.9 | 7.9 | 7.8 | 7.4 | 7.4 | 7.0 | 96.3 | 96.5 | 88.0 | 1.6 | 8.1 | <1 | 5 | | | | | | 19.0 | 0 | 4 | 4 | 6 | 4 | NE | 8.0 | 3 | 0.5 | ES | Dan | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-----|-----|----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Range-Low | 11.6 | 11.6 | 10.8 | 0.0 | 0.0 | 0.0 | 7.9 | 7.9 | 7.8 | 7.4 | 7.4 | 7.0 | 89.4 | 93.5 | 88.0 | 0.9 | 3.7 | <1 | <1 | | | | | | | | | | | | | | | | | | | | | |
| Range-High | 20.5 | 20.5 | 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 | 8.1 | 3 | 35 | | | | | | | | | | | | | | | | | | | | | |
| Average | 16.7 | 16.6 | 15.8 | 20.6 | 20.6 | 20.9 | 8.4 | 8.4 | 8.3 | 8.3 | 8.4 | 8.3 | 95.5 | 96.7 | 93.6 | 1.5 | 6.4 | 1 | 9 | | | | | | | | | | | | | | | | | | | | | |

Average salinity 20.7

Average pH 8.4

Acceptable high and low ranges

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 |
| 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 | 7.4 | 7.4 | 7.1 | 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 | | | |
| 6/20/23 | 8:42 | 20.2 | 19.9 | 19.8 | 25.7 | 25.8 | 25.8 | 7.8 | 7.8 | 7.8 | 7.4 | 7.4 | 7.11 | 95.8 | 95.1 | 91.6 | 1.0 | 2.3 | 37 | 1 | | | | | | 19.0 | 0 | 4 | 4 | 6 | 4 | E | 8.0 | 3 | 0.5 | 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 | 1.0 | 2.0 | <1 | <1 | | | | | | | | | | | | | | | | | | | |
| Range-High | 20.2 | 19.9 | 19.8 | 25.7 | 25.8 | 26.0 | 7.9 | 8.0 | 8.0 | 9.8 | 9.7 | 9.7 | 99.2 | 98.7 | 98.9 | 1.3 | 3.7 | 9 | 300 | | | | | | | | | | | | | | | | | | | |
| Average | 16.8 | 16.7 | 16.6 | 20.5 | 20.5 | 20.6 | 7.9 | 7.9 | 7.9 | 8.4 | 8.3 | 8.2 | 96.6 | 96.1 | 94.2 | 1.2 | 2.9 | 11 | 64 | | | | | | | | | | | | | | | | | | | |

Average salinity 20.5 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-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 i | |
| 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 | | | |
| 6/20/23 | 8:28 | 20.5 | 20.5 | 20.5 | 25.6 | 25.7 | 25.6 | 7.9 | 7.9 | 7.8 | 7.5 | 7.5 | 7.5 | 98.3 | 98.3 | 98.4 | 1.5 | 2.4 | 2 | 2 | | | | | | 19.0 | 0 | 2 | 4 | 6 | 4 | E | 8.0 | 3 | 0.5 | ES | Dan | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|------|------|------|------|------|------|------|------|------|-----|-----|-----|------|------|------|-----|-----|---|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Range-Low | 11.8 | 12.0 | 11.2 | 0.0 | 0.0 | 0.0 | 7.9 | 7.9 | 7.8 | 7.5 | 7.5 | 7.5 | 89.7 | 92.3 | 91.2 | 1.0 | 2.0 | 1 | <1 | | | | | | | | | | | | | | | | | | | |
| Range-High | 20.5 | 20.5 | 20.5 | 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 | 16.8 | 16.8 | 16.7 | 20.6 | 20.6 | 20.7 | 8.4 | 8.4 | 8.4 | 8.3 | 8.3 | 8.3 | 96.0 | 96.3 | 95.5 | 1.3 | 3.0 | 3 | 4 | | | | | | | | | | | | | | | | | | | |

Average salinity 20.6

Average pH 8.4

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-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 | Lead | |
| 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 | | | |
| 6/20/23 | 8:12 | 20.8 | 20.8 | 21.0 | 25.8 | 25.9 | 25.9 | 8.8 | 8.7 | 8.5 | 6.8 | 7.0 | 7.2 | 89.0 | 92.0 | 95.2 | 1.4 | 4.0 | 7 | 80 | | | | | | 18.0 | 0 | 2 | 4 | 6 | 4 | E | 8.0 | 3 | 0.5 | ES | Dan | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|------|------|------|------|------|------|------|------|------|-----|-----|-----|------|------|------|-----|-----|----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Range-Low | 12.3 | 12.2 | 11.9 | 0.0 | 0.0 | 0.0 | 7.8 | 7.8 | 7.8 | 6.8 | 7.0 | 7.2 | 89.0 | 90.1 | 90.4 | 1.0 | 2.1 | 2 | <1 | | | | | | | | | | | | | | | | | | | | |
| Range-High | 20.8 | 20.8 | 21.0 | 25.8 | 25.9 | 25.9 | 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 | 17.2 | 17.2 | 17.2 | 20.4 | 20.5 | 20.6 | 8.9 | 8.8 | 8.6 | 8.0 | 8.0 | 8.0 | 92.7 | 93.6 | 93.1 | 1.4 | 3.8 | 10 | 28 | | | | | | | | | | | | | | | | | | | | |

Average salinity 20.5

Average pH 8.8

Acceptable high and low ranges

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 |
| 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 i | |
| 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 | TS | TS | TS | TS | TS | TS | ES | Dan | | | |
| 6/20/23 | 10:52 | 22.3 | TS | TS | 24.7 | TS | TS | 7.7 | TS | TS | 7.4 | TS | TS | 99.9 | TS | TS | TS | TS | 1.2 | 40 | 13 | | | | | | | 20.0 | 0 | 4 | 4 | 6 | 4 | ENE | 8.0 | 3 | 0.5 | 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 | 89.9 | 88.2 | 86.9 | 1.0 | 1.7 | 15 | 3 | | | | | | | | | | | | | | | | | | | | | |
| Range-High | | 22.3 | 16.6 | 16.6 | 24.8 | 23.3 | 23.3 | 8.1 | 7.9 | 7.9 | 9.7 | 9.6 | 9.6 | 99.9 | 97.6 | 97.6 | 1.1 | 2.4 | 20 | 18 | | | | | | | | | | | | | | | | | | | | | |
| Average | | 17.7 | 14.5 | 14.5 | 17.7 | 11.7 | 11.7 | 7.9 | 7.8 | 7.8 | 8.2 | 8.9 | 8.8 | 94.4 | 92.9 | 92.3 | 1.0 | 1.6 | 32 | 12 | | | | | | | | | | | | | | | | | | | | | |

Average salinity 13.7

Average pH 7.8

Acceptable high and low ranges

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 |
| 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 i | |
| 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 | | | |
| 6/20/23 | 11:00 | 22.1 | 22.1 | TS | 24.9 | 24.9 | TS | 7.7 | 7.7 | TS | 7.2 | 7.2 | TS | 96.1 | 95.9 | TS | TS | 1.5 | 3 | | | | | | | 21.0 | 0 | 4 | 4 | 6 | 4 | ENE | 8.0 | 3 | 0.5 | ES | Dan | | | |

| | | | | | | | | | | | | | | | | | | | |
|------------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-------|------|------|-----|-----|-----|-----|
| Range-Low | 12.5 | 12.7 | 12.7 | 0.0 | 0.0 | 0.0 | 7.7 | 7.7 | 7.9 | 7.2 | 7.2 | 8.3 | 92.2 | 91.5 | 90.0 | 1.2 | 0.9 | <1 | 3 |
| Range-High | 22.1 | 22.1 | 16.5 | 25.7 | 24.9 | 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 | 17.8 | 17.1 | 14.6 | 19.8 | 16.5 | 12.4 | 8.6 | 8.1 | 8.1 | 8.2 | 8.5 | 9.0 | 96.1 | 95.6 | 94.5 | 1.3 | 1.6 | 32 | 30 |

Average salinity 16.2

Average pH 8.3

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) |