**Friends of the Bay 2021 Water Quality Data - Site 1, Cold Spring Cove South**

| Site | Date | Time | H20 Temp TOP (0.5m) | H20 Temp 1.0 m | H20 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site 1 | 4/19/2021 | 11:06am | 12.59 | 11.72 | 10.02 | 22.99 | 24.50 | 26.11 | 8.35 | 8.25 | 8.19 | 11.57 | 12.04 | 11.76 | 125.47 | 128.37 | 122.94 |
| Site 1 | 4/26/2021 | 10:56 AM | 10.84 | 10.82 | 10.78 | 22.98 | 23.41 | 24.65 | 7.95 | 7.96 | 7.99 | 8.91 | 8.92 | 8.68 | 93.2 | 93.5 | 91.4 |
| Site 1 | 5/3/2021 | 10:59 AM | 13.27 | 13.20 | 11.83 | 22.78 | 23.70 | 25.72 | 7.76 | 7.88 | 7.93 | 8.65 | 8.67 | 8.62 | 95.5 | 96.5 | 94 |
| Site 1 | 5/10/2021 | 10:06 AM | 12.02 | 12.19 | 11.73 | 22.11 | 24.31 | 25.83 | 8.05 | 8.05 | 7.97 | 9.74 | 9.92 | 9.68 | 105.1 | 109 | 105.7 |
| Site 1 | 5/17/2021 | 10:32 AM | 15.04 | 14.93 | 13.83 | 24.04 | 24.65 | 26.04 | 7.96 | 7.90 | 7.91 | 8.72 | 8.95 | 9.02 | 100.1 | 102.5 | 101.5 |
| Site 1 | 5/24/2021 | 10:01 AM | 19.09 | 19.09 | 17.99 | 24.31 | 24.38 | 25.75 | 7.92 | 7.94 | 7.86 | 7.97 | 8.20 | 7.97 | 99.3 | 101.9 | 97.3 |
| Site 1 | 6/1/2021 | 10:50 AM | 15.43 | 15.39 | 14.89 | 20.46 | 23.59 | 25.25 | 7.65 | 7.53 | 7.61 | 7.97 | 7.87 | 7.32 | 89.7 | 90.1 | 83.0 |
| Site 1 | 6/7/2021 | 11:13 AM | 19.70 | 17.74 | 16.67 | 24.34 | 25.60 | 26.05 | 8.02 | 7.98 | 7.81 | 9.36 | 9.67 | 8.72 | 118.2 | 118.3 | 104.4 |
| Site 1 | 6/15/2021 | 10:37 AM | 18.07 | 17.26 | 16.74 | 25.09 | 25.69 | 26.48 | 8.06 | 7.75 | 7.67 | 8.10 | 8.74 | 7.11 | 100.3 | 105.3 | 84.6 |
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| Site | Date | Secchi | Floor 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site 1 | 4/19/2021 | 1.1m | 3.75 | 18.4 | | <1 | <1 | | | | | | | 0 |
| Site 1 | 4/26/2021 | 1.7 | 6.66 | 15.7 | | 9 | 4 | | | | | | | 1 |
| Site 1 | 5/3/2021 | 1.8 | 4.12 | 18.2 | | 5 | 3 | | | | | | | 0 |
| Site 1 | 5/10/2021 | 1.25 | 6.05 | 15.2 | | 29 | 55 | | | | | | | 2 |
| Site 1 | 5/17/2021 | 1.7 | 3.81 | 24.7 | | 1 | <1 | | | | | | | 0 |
| Site 1 | 5/24/2021 | 1.1 | 6.61 | 17.5 | | 37 | 10 | | | | | | | 0 |
| Site 1 | 6/1/2021 | 1.4 | 3.64 | 27.2 | | 2 | 1 | | | | | | | 0 |
| Site 1 | 6/7/2021 | 1.05 | 5.83 | 33.0 | | 11 | 1 | | | | | | | 0 |
| Site 1 | 6/15/2021 | 0.8 | 4.15 | 25.8 | | 63 | 7 | | | | | | | 1 |

| Site | Date | Tidal Stage | Water Color | Surface Condition | Cloud Cover | Wind DIRECTON | Wind SPEED m/s | Weather | Wave Height Ft. | Data Entered by | Captain | Sampling Leader | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site 1 | 4/19/2021 | 3 | 5 | 6 | 1 | NE | 3.4 | 1 | 0.5 | kp | pj | pj | Clear surface conditions |
| Site 1 | 4/26/2021 | 4 | 5 | 6 | 0 | NW | 3 | 1 | 1 | nh | pj | pj | choppy |
| Site 1 | 5/3/2021 | 2 | 5 | 6 | 4 | NE | 1.7 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 1 | 5/10/2021 | 4 | 5 | 6 | 4 | W | 2.5 | 3 | 0.5 | nh | pj | pj | Clear surface conditions |
| Site 1 | 5/17/2021 | 3 | 5 | 6 | 0 | N | 2 | 1 | 0 | nh | pj | pj | Clear surface conditions |
| Site 1 | 5/24/2021 | 1 | 5 | 6 | 4 | SW | 3.5 | 3 | 0 | nh | pj | pj | Clear surface conditions |
| Site 1 | 6/1/2021 | 2 | 5 | 6 | 4 | NE | 1.1 | 3 | 0 | nh | pj | pj | Clear surface conditions |
| Site 1 | 6/7/2021 | 1 | 5 | 6 | 0 | 0 | 0 | 1 | 0 | nh | pj | pj | Clear surface conditions |
| Site 1 | 6/15/2021 | 3 | 5 | 6 | 3 | N | 0.4 | 3 | 0 | nh | pj | pj | Clear surface conditions |

**Friends of the Bay 2021 Water Quality Data - Site 2, Cold Spring Cove North**

| Site | Date | Time | H20 Temp TOP (0.5m) | H20 Temp 1.0 m | H20 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 | Floor 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 DIRECTON | Wind SPEED m/s | Weather | Wave Height | Data Entered by | Captain | Sampling Leader | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site 2 | 4/19/2021 | 10:54 AM | 10.85 | 10.45 | 9.83 | 24.92 | 25.40 | 26.32 | 8.22 | 8.17 | 8.18 | 11.12 | 11.31 | 10.90 | 118.4 | 119.4 | 113.5 | 1.1 | 4.45 | 18.4 | | 2 | <1 | | | | | | | 0 | 3 | 5 | 6 | 1 | NE | 2.4 | 1 | 0 | nh | pj | pj | clear surface conditions |
| Site 2 | 4/26/2021 | 10:39 AM | 10.80 | 10.83 | 10.79 | 24.45 | 24.49 | 24.61 | 8.05 | 8.04 | 8.04 | 9.18 | 9.14 | 9.08 | 96.7 | 96.3 | 95.7 | 1.4 | 4.74 | 10.4 | | 7 | 2 | | | | | | | 1 | 4 | 5 | 6 | 1 | NW | 5.6 | 1 | 1.5 | nh | pj | pj | choppy |
| Site 2 | 5/3/2021 | 10:48 AM | 12.06 | 12.09 | 11.85 | 25.21 | 25.13 | 25.65 | 7.96 | 7.96 | 7.96 | 8.87 | 8.89 | 8.83 | 96.8 | 97.3 | 96.1 | 1.5 | 5.67 | 16.2 | | 8 | 2 | | | | | | | 0 | 2 | 5 | 6 | 4 | NE | 1.6 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 2 | 5/10/2021 | 9:49 AM | 12.23 | 12.18 | 11.59 | 24.72 | 25.09 | 26.07 | 8.05 | 8.06 | 7.92 | 9.22 | 9.80 | 9.44 | 103.5 | 107.7 | 102.3 | 1.0 | 8.38 | 13.8 | | 11 | 5 | | | | | | | 2 | 4 | 5 | 6 | 4 | W | 3.0 | 3 | 1 | nh | pj | pj | clear surface conditions |
| Site 2 | 5/17/2021 | 10:21 AM | 14.85 | 14.40 | 13.72 | 24.87 | 25.40 | 26.19 | 7.94 | 7.95 | 7.83 | 8.52 | 8.88 | 8.42 | 97.9 | 100.8 | 94.5 | 1.7 | 6.96 | 26.6 | | 5 | 2 | | | | | | | 0 | 3 | 5 | 6 | 0 | N | 1.5 | 1 | 0 | nh | pj | pj | clear surface conditions |
| Site 2 | 5/24/2021 | 9:49 AM | 18.65 | 18.70 | 18.43 | 23.38 | 25.18 | 25.66 | 8.00 | 7.96 | 7.88 | 8.67 | 8.78 | 8.80 | 106.1 | 108.7 | 107.8 | 1.0 | 3.66 | 18.6 | | 66 | 12 | | | | | | | 0 | 4 | 5 | 6 | 4 | W | 3.0 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 2 | 6/1/2021 | 10:36 AM | 15.28 | 14.99 | 14.48 | 24.08 | 24.73 | 25.82 | 7.70 | 7.71 | 7.70 | 7.05 | 7.25 | 6.92 | 80.9 | 83 | 78.7 | 1.3 | 6.63 | 22.3 | | 15 | 5 | | | | | | | 0 | 2 | 5 | 6 | 4 | NW | 1.4 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 2 | 6/7/2021 | 10:59 AM | 19.02 | 17.54 | 16.33 | 25.06 | 25.76 | 26.22 | 8.10 | 7.99 | 7.73 | 8.95 | 9.61 | 8.15 | 112.30 | 117.20 | 95.7 | 1.1 | 8.51 | 27.1 | | 26 | 5 | | | | | | | 0 | 1 | 5 | 6 | 1 | N | 1.0 | 1 | 0 | nh | pj | pj | clear surface conditions |
| Site 2 | 6/15/2021 | 10:21 AM | 17.21 | 16.86 | 16.65 | 25.85 | 26.19 | 26.57 | 7.89 | 7.83 | 7.70 | 7.31 | 7.53 | 6.96 | 88.9 | 90.8 | 83.7 | 0.9 | 5.38 | 25.5 | | 58 | 12 | | | | | | | 1 | 3 | 5 | 6 | 3 | N | 1.6 | 3 | 0 | nh | pj | pj | clear surface conditions |
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**Friends of the Bay 2021 Water Quality Data - Site 3, Cold Spring Harbor South**

| Site | Date | Time | H20 Temp TOP (0.5m) | H20 Temp 1.0 m | H20 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 | Floor Depth (meters) | Air Temp (°C) | H2O Temp BTM monthly AVG | Fecal Coliform Bacteria | Enterococci (NH3) | Ammonia | 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 DIRECTON | Wind SPEED m/s | Weather | Wave Height | Data Entered by | Captain | Sampling Leader | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site 3 | 4/19/2021 | 10:43 AM | 10.59 | 10.4 | 9.52 | 26 | 26.2 | 26.56 | 8.26 | 8.28 | 8.23 | 10.75 | 10.98 | 11.15 | 114.5 | 116.4 | 115.3 | 1.1 | 4.67 | 17.8 | | <1 | <1 | | | | | | | 0 | 3 | 5 | 6 | 1 | NE | 1.1 | 1 | 0.5 | nh | pj | pj | clear suface conditions |
| Site 3 | 4/26/2021 | 10:18 AM | 10.78 | 10.78 | 10.49 | 25.24 | 25.19 | 25.52 | 8.12 | 8.11 | 8.14 | 9.4 | 9.31 | 9.32 | 99.3 | 98.5 | 98.3 | 2 | 6.5 | 10.9 | | <1 | <1 | | | | | | | 1 | 4 | 5 | 6 | 1 | W | 8 | 1 | 1.5 | nh | pj | pj | choppy |
| Site 3 | 5/3/2021 | 10:38 AM | 12.21 | 12.16 | 11.29 | 25.27 | 25.48 | 25.99 | 8 | 8.01 | 7.95 | 8.86 | 9.1 | 8.93 | 97.6 | 99.9 | 96.3 | 1.3 | 4.58 | 18.5 | | 2 | 1 | | | | | | | 0 | 2 | 5 | 6 | 4 | 0 | 0 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 3 | 5/10/2021 | 9:38 AM | 12.14 | 12.15 | 11.43 | 25.73 | 25.74 | 26.07 | 8.07 | 8.07 | 7.97 | 9.66 | 9.86 | 9.78 | 106.9 | 108.9 | 105.1 | 1.9 | 6.33 | 12.4 | | <1 | <1 | | | | | | | 2 | 4 | 5 | 6 | 4 | NW | 2.5 | 3 | 0.5 | nh | pj | pj | clear surface conditions |
| Site 3 | 5/17/2021 | 10:06 AM | 14.89 | 14.23 | 13.48 | 25.61 | 26.12 | 26.44 | 7.97 | 7.99 | 7.92 | 8.92 | 9.15 | 9.12 | 102.9 | 103.8 | 102.0 | 1.3 | 4.45 | 26.1 | | 1 | 1 | | | | | | | 0 | 3 | 5 | 6 | 0 | NW | 2.1 | 1 | 0 | nh | pj | pj | clear surface conditions |
| Site 3 | 5/24/2021 | 9:36 AM | 18.73 | 18.73 | 16.44 | 25.52 | 25.55 | 26.06 | 7.99 | 8.00 | 7.79 | 8.08 | 8.65 | 7.92 | 100.6 | 107.5 | 93.0 | 1.6 | 6.86 | 17.1 | | 11 | 1 | | | | | | | 0 | 4 | 5 | 6 | 4 | S | 4.5 | 3 | 0.5 | nh | pj | pj | clear surface conditions |
| Site 3 | 6/1/2021 | 10:27 AM | 15.05 | 14.83 | 14.32 | 25.43 | 25.7 | 26.31 | 7.76 | 7.84 | 7.73 | 7.55 | 7.51 | 7.46 | 86.5 | 86.1 | 84.5 | 1.2 | 4.60 | 23 | | 12 | 4 | | | | | | | 0 | 2 | 5 | 6 | 4 | NW | 0.8 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 3 | 6/7/2021 | 10:48 AM | 19.81 | 19.38 | 16.17 | 25.76 | 26.06 | 26.30 | 8.14 | 8.17 | 7.75 | 9.92 | 10.41 | 9.29 | 127.0 | 131.1 | 109.0 | 1.6 | 6.45 | 33.2 | | 7 | 2 | | | | | | | 0 | 1 | 5 | 6 | 1 | N | 2.0 | 1 | 0 | nh | pj | pj | clear surface conditions, % SAT outside of range at top and 1m depths |
| Site 3 | 6/15/2021 | 10:12 AM | 17.68 | 17.30 | 16.53 | 26.13 | 26.28 | 26.80 | 8.04 | 8.00 | 7.79 | 7.97 | 8.39 | 8.29 | 97.5 | 102.4 | 98.5 | 0.9 | 4.67 | 25.5 | | 44 | 4 | | | | | | | 1 | 3 | 5 | 6 | 4 | N | 1.7 | 3 | 0 | nh | pj | pj | clear surface conditions |
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**Friends of the Bay 2020 Water Quality Data - Site 4, Cold Spring Harbor North**

| Site | Date | Time | H20 Temp TOP (0.5m) | H20 Temp 1.0 m | H20 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 (NH3) | Ammonia | 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 4 | 4/19/2021 | 10:30 AM | 11.21 | 11.19 | 9.16 | 25.83 | 26.34 | 26.71 | 8.3 | 8.32 | 8.22 | 11.28 | 11.7 | 11.59 | 121.6 | 126.6 | 119.6 | 2 | 5.27 | 15.9 | | <1 | <1 | | | | | | | 0 | 3 | 5 | 6 | 1 | NE | 1.7 | 1 | 0.0 | nh | pj | pj | clear surface conditions |
| Site 4 | 4/26/2021 | 10:00 AM | 9.73 | 9.7 | 9.68 | 25.83 | 25.86 | 25.84 | 8.15 | 8.15 | 8.15 | 9.52 | 9.52 | 9.54 | 98.8 | 98.8 | 98.9 | 2.2 | 7.05 | 12.8 | | 1 | <1 | | | | | | | 1 | 4 | 5 | 6 | 1 | NW | 5 | 1 | 2.0 | nh | pj | pj | choppy |
| Site 4 | 5/3/2021 | 10:29 AM | 12.36 | 12.37 | 10.67 | 25.54 | 25.6 | 26.27 | 8.1 | 8.1 | 8.04 | 9.42 | 9.62 | 9.63 | 104.4 | 106.4 | 102.3 | 2.1 | 5.39 | 16.7 | | <1 | <1 | | | | | | | 0 | 2 | 5 | 6 | 4 | S | 1 | 3 | 0.0 | nh | pj | pj | clear surface conditions |
| Site 4 | 5/10/2021 | 9:29 AM | 11.74 | 11.75 | 11.3 | 26.09 | 26.12 | 26.35 | 7.99 | 7.99 | 7.96 | 9.11 | 9.14 | 9.03 | 99.8 | 100 | 98 | 2.2 | 6.81 | 12.3 | | <1 | <1 | | | | | | | 2 | 4 | 5 | 6 | 4 | N | 3.3 | 3 | 1.0 | nh | pj | pj | clear surface conditions |
| Site 4 | 5/17/2021 | 9:57 AM | 15.1 | 15.01 | 13.3 | 26.05 | 26.08 | 26.59 | 8.05 | 8.05 | 7.94 | 9.3 | 9.58 | 9.54 | 107.9 | 110.7 | 105.8 | 2 | 5.05 | 26.8 | | <1 | <1 | | | | | | | 0 | 3 | 5 | 6 | 0 | N | 1.5 | 1 | 0.0 | nh | pj | pj | clear surface conditions |
| Site 4 | 5/24/2021 | 9:18 AM | 16.61 | 16.59 | 14.41 | 26.27 | 26.34 | 26.54 | 8.05 | 8.05 | 7.95 | 9.11 | 9.21 | 8.90 | 109.0 | 109.9 | 101.6 | 1.9 | 7.39 | 16.9 | | 1 | <1 | | | | | | | 0 | 4 | 5 | 6 | 4 | SE | 4.8 | 3 | 1.0 | nh | pj | pj | clear surface conditions |
| Site 4 | 6/1/2021 | 10:17 AM | 15.35 | 15.01 | 13.63 | 25.16 | 25.49 | 26.51 | 7.95 | 7.99 | 7.81 | 8.56 | 9.09 | 9.15 | 99.8 | 104.8 | 102 | 1.6 | 5.17 | 23 | | 5 | 1 | | | | | | | 0 | 2 | 5 | 6 | 4 | NW | 2 | 3 | 0.0 | nh | pj | pj | clear surface conditions |
| Site 4 | 6/7/2021 | 10:38 AM | 19.39 | 19.16 | 15.93 | 25.98 | 26.10 | 26.51 | 8.15 | 8.14 | 7.85 | 9.86 | 10.35 | 9.60 | 124.8 | 131.0 | 113.4 | 1.65 | 7.13 | 30.5 | | 2 | <1 | | | | | | | 0 | 1 | 5 | 6 | 1 | NE | 0.6 | 1 | 0.0 | nh | pj | pj | clear surface conditions, % SAT outside of range at top and 1m levels |
| Site 4 | 6/15/2021 | 9:57 AM | 18.73 | 18.11 | 15.97 | 26.42 | 26.45 | 26.95 | 8.25 | 8.25 | 7.63 | 8.62 | 9.75 | 8.02 | 110.2 | 121.1 | 94.8 | 1.1 | 5.26 | 23.6 | | 1 | <1 | | | | | | | 1 | 3 | 5 | 6 | 4 | SE | 2.5 | 3 | 0.0 | nh | pj | pj | clear surface conditions, % SAT fluctuated at 1 m |
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**Friends of the Bay**
**2021 Water Quality**
**Data - Site 5, Plum Point**

| Site | Date | Time | H20 Temp TOP (0.5m) | H20 Temp 1.0 m | H20 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 | Weather | Wave Height | Data Entered by | Captain | Sampling Leader | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site 5 | 4/19/2021 | 10:17 AM | 10.38 | 10.46 | 10.16 | 26.42 | 26.53 | 26.58 | 8.22 | 8.22 | 8.23 | 10.34 | 10.48 | 10.69 | 109.9 | 111.4 | 113.1 | 1.9 | 4.68 | 14.6 | | <1 | <1 | | | | | | | 0 | 3 | 5 | 6 | 1 | N | 1.2 | 1 | 0.5 | nh | pj | pj | clear surface conditions, more jellyfish orange centers |
| Site 5 | 4/26/2021 | **heavy wind and wave action** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site 5 | 5/3/2021 | 10:19 AM | 11.7 | 11.7 | 11.65 | 25.95 | 25.94 | 25.98 | 8.02 | 8.03 | 8.03 | 9.1 | 9.11 | 9.13 | 99.1 | 99.4 | 99.4 | 2 | 4.47 | 16.5 | | 2 | <1 | | | | | | | 0 | 2 | 5 | 6 | 4 | SE | 1 | 3 | 0.5 | nh | pj | pj | clear surface conditions |
| Site 5 | 5/10/2021 | 9:18 AM | 11.58 | 11.53 | 11.32 | 26.13 | 26.15 | 26.27 | 7.98 | 7.98 | 7.96 | 9.05 | 9.08 | 8.99 | 98.7 | 98.9 | 97.4 | 2.4 | 6.83 | 12.7 | | <1 | <1 | | | | | | | 2 | 4 | 5 | 6 | 4 | N | 1.2 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 5 | 5/17/2021 | 9:41 AM | 14.73 | 14.71 | 14.66 | 26.28 | 26.39 | 26.32 | 7.91 | 7.91 | 7.91 | 8.56 | 8.59 | 8.61 | 98.5 | 98.7 | 98.8 | 1.9 | 5.25 | 27.1 | | 3 | <1 | | | | | | | 0 | 3 | 5 | 6 | 0 | NW | 1.5 | 1 | 0 | nh | pj | pj | clear surface conditions |
| Site 5 | 5/24/2021 | 9:08 AM | 16.57 | 16.63 | 16.36 | 26.28 | 26.27 | 26.31 | 8.03 | 8.02 | 8.01 | 8.93 | 9.05 | 9.17 | 106.7 | 108.2 | 108.9 | 1.6 | 2.95 | 17.8 | | 1 | 2 | | | | | | | 0 | 4 | 5 | 6 | 4 | SE | 3.2 | 3 | 0.5 | nh | pj | pj | clear surface conditions |
| Site 5 | 6/1/2021 | 10:07 AM | 14.58 | 14.59 | 14.3 | 25.95 | 26.01 | 26.19 | 7.83 | 7.83 | 7.82 | 8.16 | 8.14 | 8.04 | 93.2 | 93 | 91.4 | 1.6 | 4.85 | 18.3 | | <1 | 1 | | | | | | | 0 | 2 | 5 | 6 | 4 | N | 2.1 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 5 | 6/7/2021 | 10:27 AM | 18.97 | 18.31 | 17.58 | 26.16 | 26.21 | 26.17 | 8.09 | 8.04 | 7.92 | 9.38 | 9.78 | 8.99 | 118.5 | 121.1 | 109.8 | 1.7 | 2.87 | 27.2 | | 1 | <1 | | | | | | | 0 | 4 | 5 | 6 | 1 | NE | 1.3 | 1 | 0 | nh | pj | pj | clear surface conditions, % SAT at top of range at top and 1m levels |
| Site 5 | 6/15/2021 | 9:48 AM | 18.19 | 18.22 | 17.97 | 26.59 | 26.61 | 26.67 | 8.06 | 8.06 | 8.04 | 8.27 | 8.59 | 8.68 | 103.3 | 106.5 | 106.7 | 1.0 | 7.57 | 24.1 | | 1 | 1 | | | | | | | 1 | 3 | 5 | 6 | 4 | N | 2.8 | 3 | 0 | nh | pj | pj | clear surface conditions |
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**Friends of the Bay 2021 - Site 6, Seawanhaka Yacht Club PSTP Outfall**

| Site | Date | Time | H20 Temp TOP (0.5m) | H20 Temp 1.0 m | H20 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 | Floor Depth (meters) | Air Temp (°C) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site 6 | 4/19/2021 | 10:05 AM | 11.62 | 10.83 | 10.33 | 26.24 | 26.26 | 26.44 | 8.19 | 8.20 | 8.21 | 10.53 | 10.60 | 10.79 | 114.6 | 114.3 | 114.3 | 1.9 | 5.18 | 15.3 |
| Site 6 | 4/26/2021 | 9:37 AM | 9.99 | 9.99 | 9.46 | 25.72 | 25.74 | 25.79 | 8.13 | 8.13 | 8.16 | 9.48 | 9.46 | 9.60 | 98.9 | 98.6 | 99.2 | 2.3 | 7.61 | 12.6 |
| Site 6 | 5/3/2021 | 10:04 AM | 11.75 | 11.74 | 11.62 | 25.93 | 25.98 | 26 | 8.04 | 8.04 | 8.03 | 9.08 | 9.17 | 9.22 | 99.2 | 100.0 | 100.3 | 2.2 | 5.1 | 16.2 |
| Site 6 | 5/10/2021 | 9:08 AM | 11.92 | 11.66 | 11.36 | 26.03 | 26.1 | 26.22 | 7.94 | 7.95 | 7.95 | 8.60 | 8.74 | 8.80 | 94.5 | 95.4 | 95.6 | 2.1 | 6.44 | 13 |
| Site 6 | 5/17/2021 | 9:30 AM | 14.84 | 14.78 | 14.39 | 26.33 | 26.36 | 26.41 | 7.91 | 7.91 | 7.90 | 8.55 | 8.63 | 8.66 | 98.6 | 99.4 | 98.8 | 2.5 | 4.87 | 22.6 |
| Site 6 | 5/24/2021 | 8:59 AM | 17.27 | 17.27 | 17.24 | 26.25 | 26.25 | 26.23 | 8.01 | 8.00 | 8.00 | 8.81 | 8.85 | 8.91 | 106.7 | 107.0 | 107.6 | 1.5 | 6.88 | 17.4 |
| Site 6 | 6/1/2021 | 9:58 AM | 14.9 | 14.88 | 14.6 | 25.87 | 25.92 | 26.01 | 7.84 | 7.84 | 7.83 | 8.27 | 8.29 | 8.28 | 95.1 | 95.1 | 94.5 | 1.8 | 5.17 | 24.2 |
| Site 6 | 6/7/2021 | 10:18 AM | 19.11 | 18.58 | 17.48 | 26.21 | 26.31 | 26.31 | 8.04 | 8.05 | 7.88 | 9.14 | 9.53 | 9.19 | 115.9 | 119.1 | 111.9 | 1.9 | 6.35 | 32.2 |
| Site 6 | 6/15/2021 | 9:39 AM | 18.63 | 18.18 | 17.84 | 26.62 | 26.58 | 26.71 | 8.05 | 8.06 | 8.01 | 8.35 | 8.69 | 8.79 | 105.0 | 107.9 | 108.3 | 1.1 | 5.06 | 24.6 |
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| Site | 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 DIRECTON | Wind SPEED m/s | Weather | Wave Height | Data Entered by | Captain | Sampling Leader | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site 6 | | <1 | <1 | | | | | | | 0 | 3 | 5 | 6 | 1 | N | 1.7 | 1 | 0 | nh | pj | pj | clear surface conditions |
| Site 6 | | <1 | <1 | | | | | | | 1 | 4 | 5 | 6 | 1 | NW | 2.5 | 1 | 1 | nh | pj | pj | choppy |
| Site 6 | | <1 | <1 | | | | | | | 0 | 2 | 5 | 6 | 4 | SE | 2 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 6 | | <1 | 9 | | | | | | | 2 | 4 | 5 | 6 | 4 | N | 1 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 6 | | <1 | <1 | | | | | | | 0 | 2 | 5 | 6 | 0 | W | 1.2 | 1 | 0 | nh | pj | pj | clear surface conditions, 2 osprey with fish |
| Site 6 | | <1 | 7 | | | | | | | 0 | 4 | 5 | 6 | 4 | SE | 3.9 | 3 | 0.5 | nh | pj | pj | clear surface conditions |
| Site 6 | | <1 | <1 | | | | | | | 0 | 2 | 5 | 6 | 3 | SW | 1.1 | 2 | 0 | nh | pj | pj | clear surface conditions |
| Site 6 | | <1 | <1 | | | | | | | 0 | 4 | 5 | 6 | 1 | SW | 0.9 | 1 | 0 | nh | pj | pj | clear surface conditions, % SAT at top of range at top and 1m levels |
| Site 6 | | 1 | <1 | | | | | | | 1 | 3 | 5 | 6 | 3 | W | 0.5 | 3 | 0 | nh | pj | pj | clear surface conditions |
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**Friends of the Bay 2021 Water Quality Data - Site 7, Oyster Bay Cove**

| Site | Date | Time | H20 Temp TOP (0.5m) | H20 Temp 1.0 m | H20 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 7 | 4/19/2021 | 9:53 AM | 11.07 | 10.93 | 10.50 | 26.29 | 26.30 | 26.30 | 8.18 | 8.18 | 8.17 | 9.85 | 10.04 | 10.21 | 105.9 | 107.7 | 108.4 | 1.8 | 2.01 | 19.9 | | <1 | <1 | | | | | | | 0 | 3 | 5 | 6 | 0 | NW | 1 | 1 | 0 | nh | pj | pj | clear surface conditions |
| Site 7 | 4/26/2021 | 11:31 AM | 10.52 | 10.51 | 10.52 | 25.32 | 25.30 | 25.42 | 8.10 | 8.09 | 8.10 | 9.22 | 9.18 | 9.15 | 97.0 | 96.6 | 96.5 | 1.4 | 3.76 | 11.5 | | 1 | 1 | | | | | | | 1 | 1 | 5 | 6 | 0 | NW | 4 | 1 | 1.5 | nh | pj | pj | choppy |
| Site 7 | 5/3/2021 | 9:52 AM | 12.51 | 12.38 | 11.99 | 25.73 | 25.82 | 25.85 | 7.93 | 7.92 | 7.98 | 8.59 | 8.56 | 8.55 | 95.2 | 94.3 | 93.7 | 2.1 | 2.33 | 15.8 | | 2 | <1 | | | | | | | 0 | 2 | 5 | 6 | 4 | NW | 2.3 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 7 | 5/10/2021 | 8:54 AM | 12.28 | 12.28 | 12.25 | 25.96 | 25.98 | 25.96 | 7.94 | 7.94 | 7.93 | 9.00 | 8.95 | 8.88 | 99.5 | 98.9 | 98.0 | 2.1 | 3.09 | 12.6 | | 2 | 5 | | | | | | | 2 | 4 | 5 | 6 | 4 | NW | 1.9 | 3 | 0.5 | nh | pj | pj | clear surface conditions |
| Site 7 | 5/17/2021 | **too shallow** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site 7 | 5/24/2021 | 8:47 AM | 18.50 | 18.36 | 18.01 | 25.91 | 26.23 | 26.20 | 7.85 | 7.89 | 7.91 | 8.15 | 8.06 | 8.23 | 100.7 | 99.0 | 101.0 | 1.3 | 3.89 | 18.5 | | 18 | 6 | | | | | | | 0 | 4 | 5 | 6 | 4 | E | 3.4 | 3 | 0.5 | nh | pj | pj | clear surface conditions |
| Site 7 | 6/1/2021 | **too shallow** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site 7 | 6/7/2021 | 10:02 AM | 19.01 | 18.64 | 18.23 | 26.06 | 26.09 | 26.05 | 7.96 | 7.98 | 7.94 | 8.69 | 8.98 | 9.18 | 109.9 | 111.9 | 113.6 | 1.3 | 3.46 | 31.7 | | 10 | 1 | | | | | | | 0 | 4 | 5 | 6 | 1 | SE | 1.3 | 1 | 0 | nh | pj | pj | clear surface conditions, %SAT all depths top of range |
| Site 7 | 6/15/2021 | 9:25 AM | 18.17 | 18.14 | **too shallo** | 26.36 | 26.42 | **too shallo** | 7.84 | 7.85 | **too shallo** | 7.27 | 7.25 | **too shallo** | 90.0 | 89.7 | **too shallo** | 1.1 | 1.78 | 24.7 | | 54 | 11 | | | | | | | 1 | 2 | 5 | 6 | 4 | N | 0.5 | 3 | 0 | nh | pj | pj | clear surface conditions |
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**Friends of the Bay 2020 Water Quality Data - Site 8, Oyster Bay STP at White's Creek**

| Site | Date | Time | H20 Temp TOP (0.5m) | H20 Temp 1.0 m | H20 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 8 | 4/19/2021 | 9:36 AM | 10.49 | 10.10 | 10.00 | 26.48 | 25.35 | 26.49 | 8.16 | 8.16 | 8.18 | 10.20 | 10.30 | 10.30 | 108.2 | 108.3 | 108.2 | 2.1 | 2.15 | 15.8 | | 2 | 1 | | | | | | | 0 | 2 | 5 | 6 | 0 | NW | 1.7 | 1 | 0 | nh | pj | pj | clear surface conditions |
| Site 8 | 4/26/2021 | **high winds, anchor wouldn't set** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site 8 | 5/3/2021 | 9:42 AM | 12.01 | 12.00 | 11.90 | 25.77 | 25.82 | 25.90 | 7.97 | 7.97 | 7.97 | 8.71 | 8.71 | 8.70 | 95.4 | 95.4 | 95.1 | 2 | 2.18 | 16.1 | | 1 | <1 | | | | | | | 0 | 2 | 5 | 6 | 4 | S | 0.9 | 3 | 0.5 | nh | pj | pj | clear surface conditions |
| Site 8 | 5/10/2021 | 8:41 AM | 12.18 | 12.23 | 12.18 | 25.66 | 25.80 | 25.93 | 7.90 | 7.91 | 7.92 | 8.81 | 8.77 | 8.77 | 97.0 | 96.9 | 96.8 | 2.2 | 3.14 | 11.8 | | 16 | 15 | | | | | | | 2 | 4 | 5 | 6 | 4 | N | 4 | 3 | 0.5 | nh | pj | pj | clear surface conditions |
| Site 8 | 5/17/2021 | 9:16 AM | 15.02 | 14.92 | 14.76 | 26.15 | 26.14 | 26.32 | 7.83 | 7.83 | 7.85 | 8.21 | 8.25 | 8.21 | 94.9 | 95.0 | 94.3 | | 1.94 | 20.9 | | 5 | 1 | | | | | | | 0 | 2 | 5 | 6 | 0 | E | 0.4 | 1 | 0 | nh | pj | pj | clear surface conditions, Secchi hit bottom before disappearing |
| Site 8 | 5/24/2021 | 8:35 AM | 18.30 | 18.29 | 18.06 | 25.88 | 26.00 | 26.18 | 7.89 | 7.89 | 7.88 | 8.30 | 8.28 | 8.28 | 102.0 | 101.8 | 101.5 | 1.2 | 3.76 | 18.6 | | 9 | 8 | | | | | | | 0 | 4 | 5 | 6 | 4 | SE | 2.4 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 8 | 6/1/2021 | 9:42 AM | 15.19 | 15.02 | 14.76 | 25.73 | 25.73 | 25.81 | 7.83 | 7.79 | 7.76 | 8.27 | 8.31 | 8.09 | 95.6 | 94.4 | 92.7 | 1.8 | 2.0 | 23.1 | | 1 | <1 | | | | | | | 0 | 2 | 5 | 6 | 3 | E | 0.4 | 2 | 0 | nh | pj | pj | clear surface conditions |
| Site 8 | 6/7/2021 | 9:50 AM | 18.52 | 18.47 | 17.94 | 26.15 | 26.18 | 26.15 | 7.94 | 7.95 | 7.86 | 8.78 | 8.96 | 8.88 | 109.5 | 111.5 | 109.0 | 1.3 | 4.02 | 30.5 | | 5 | <1 | | | | | | | 0 | 4 | 5 | 6 | 1 | SW | 2.0 | 1 | 0 | nh | pj | pj | clear surface condition, % SAT top of range at all depths |
| Site 8 | 6/15/2021 | 9:11 AM | 18.46 | 18.25 | 18.21 | 26.44 | 26.49 | 26.46 | 8.04 | 8.06 | 8.04 | 8.39 | 8.69 | 8.83 | 104.4 | 108.0 | 109.6 | 1.0 | 2.12 | 23.8 | | 13 | 3 | | | | | | | 1 | 2 | 5 | 6 | 4 | N | 0.5 | 3 | 0 | nh | pj | pj | clear surface conditions |
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**Friends of the Bay 2021 Water Quality Data - Site 9, Roosevelt Beach**

| Site | Date | Time | H20 Temp TOP (0.5m) | H20 Temp 1.0 m | H20 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 9 | 4/19/2021 | 9:20 AM | 10.09 | 10.1 | 10.1 | 26.42 | 26.34 | 26.35 | 8.17 | 8.17 | 8.17 | 10.1 | 10.2 | 10.28 | 106.6 | 107.5 | 108.3 | 1.9 | 2.14 | 19.9 | | 1 | <1 | | | | | | | 0 | 2 | 5 | 6 | 0 | 0 | 0 | 1 | 0 | nh | pj | pj | clear surface conditions |
| Site 9 | 4/26/2021 | 9:15 AM | 10.58 | 10.6 | 10.49 | 25.54 | 25.54 | 25.52 | 8.09 | 8.08 | 8.08 | 9.11 | 9.03 | 9.01 | 96.1 | 95.3 | 95.0 | 2.4 | 3.56 | 7.4 | | <1 | <1 | | | | | | | 1 | 4 | 5 | 6 | 1 | NW | 6.3 | 1 | 1 | nh | pj | pj | choppy |
| Site 9 | 5/3/2021 | 9:31 AM | 11.93 | 11.89 | 11.87 | 25.9 | 25.85 | 25.85 | 7.98 | 7.98 | 7.98 | 8.69 | 8.67 | 8.65 | 95.1 | 94.9 | 94.6 | 2.1 | 2.37 | 14.9 | | <1 | <1 | | | | | | | 0 | 2 | 5 | 6 | 4 | E | 2.7 | 3 | 0.5 | nh | pj | pj | clear surface conditions |
| Site 9 | 5/10/2021 | 8:24 AM | 12.27 | 12.28 | 12.27 | 25.95 | 25.92 | 25.92 | 7.92 | 7.92 | 7.92 | 8.81 | 8.76 | 8.73 | 97.3 | 96.8 | 96.5 | 2.6 | 2.79 | 11.2 | | <1 | 1 | | | | | | | 2 | 4 | 5 | 6 | 4 | NW | 3 | 3 | 1 | nh | pj | pj | clear surface conditions |
| Site 9 | 5/17/2021 | 9:03 AM | 14.95 | 14.88 | **too shallow** | 26.27 | 26.25 | **too shallow** | 7.86 | 7.86 | **too shallow** | 8.4 | 8.41 | **too shallow** | 96.8 | 96.9 | **too shallow** | | 1.83 | 21.9 | | 2 | <1 | | | | | | | 0 | 2 | 5 | 6 | 0 | NW | 1 | 1 | 0 | nh | pj | pj | clear surface conditions, Secchi hit bottom before disappearing |
| Site 9 | 5/24/2021 | 8:23 AM | 18.15 | 18.11 | 18.01 | 26.08 | 26.16 | 26.16 | 7.91 | 7.91 | 7.92 | 8.39 | 8.46 | 8.56 | 103.1 | 103.8 | 105.0 | 1.4 | 3.54 | 17.8 | | 7 | 2 | | | | | | | 0 | 4 | 5 | 6 | 4 | E | 2.5 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 9 | 6/1/2021 | 9:31 AM | 14.81 | 14.79 | 14.79 | 25.89 | 25.92 | 25.9 | 7.78 | 7.78 | 7.78 | 7.71 | 7.67 | 7.62 | 88.4 | 87.9 | 87.3 | 1.8 | 2.12 | 21.8 | | 3 | 1 | | | | | | | 0 | 2 | 5 | 6 | 4 | 0 | 0 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 9 | 6/7/2021 | 9:29 AM | 18.53 | 18.22 | 17.91 | 26.15 | 26.17 | 26.07 | 7.92 | 7.92 | 7.88 | 8.63 | 8.79 | 8.79 | 107.5 | 108.6 | 107.9 | 1.4 | 3.58 | 31.6 | | 6 | 2 | | | | | | | 0 | 4 | 5 | 6 | 1 | SW | 1.3 | 1 | 0 | nh | pj | pj | clear surface conditions, % SAT near top of range at all depths |
| Site 9 | 6/15/2021 | 8:56 AM | 19.02 | 18.73 | 18.70 | 26.42 | 26.49 | 26.48 | 8.09 | 8.06 | 8.05 | 8.53 | 8.90 | 8.90 | 108.0 | 111.1 | 111.3 | 1.0 | 1.88 | 23.8 | | 2 | <1 | | | | | | | 1 | 2 | 5 | 6 | 4 | NW | 1.4 | 3 | 0 | nh | pj | pj | clear surface conditions, % SAT near top of range at all depths |
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**Friends of the Bay 2020 Water Quality Data - Site 10, Beekman Beach**

| Site | Date | Time | H20 Temp TOP (0.5m) | H20 Temp 1.0 m | H20 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 10 | 4/19/2021 | 9:04 AM | 10.48 | 10.34 | 10.07 | 26.21 | 26.36 | 26.38 | 8.17 | 8.18 | 8.16 | 10.16 | 10.24 | 10.32 | 107.9 | 108.4 | 108.5 | 1.8 | 4.36 | 18.2 | | <1 | <1 | | | | | | | 0 | 2 | 5 | 6 | 0 | 0 | 0 | 1 | 0 | nh | pj | pj | clear surface conditions |
| Site 10 | 4/26/2021 | 8:50 AM | 10.64 | 10.63 | 10.62 | 25.35 | 25.42 | 25.37 | 8.04 | 8.05 | 8.05 | 8.82 | 8.79 | 8.75 | 93.2 | 92.7 | 92.4 | 1.7 | 4.97 | 8.9 | | 3 | 1 | | | | | | | 1 | 4 | 5 | 6 | 0 | NW | 3 | 1 | 1 | nh | pj | pj | choppy |
| Site 10 | 5/3/2021 | 9:21 AM | 12.26 | 11.97 | 11.82 | 25.64 | 25.81 | 25.86 | 7.96 | 7.97 | 7.97 | 8.59 | 8.58 | 8.57 | 94.2 | 93.9 | 93.5 | 1.7 | 4.2 | 16.9 | | 10 | 4 | | | | | | | 0 | 2 | 5 | 6 | 4 | E | 2 | 3 | 0 | nh | pj | pj | pollen on surface |
| Site 10 | 5/10/2021 | 8:07 AM | 12.21 | 12.4 | 12.38 | 25 | 25.3 | 25.78 | 7.9 | 7.91 | 7.89 | 8.81 | 8.71 | 8.69 | 96.5 | 96 | 96.2 | 0.3 | 4.74 | 10.9 | | 34 | 20 | | | | | | | 2 | 4 | 5 | 6 | 4 | NW | 3.5 | 3 | 0.5 | nh | pj | pj | clear surface conditions |
| Site 10 | 5/17/2021 | 8:51 AM | 15.05 | 14.91 | 14.64 | 25.93 | 26.25 | 26.24 | 7.83 | 7.84 | 7.85 | 8.17 | 8.19 | 8.2 | 94.3 | 94.2 | 93.9 | 2.4 | 3.8 | 23.6 | | 21 | 1 | | | | | | | 0 | 2 | 5 | 6 | 0 | 0 | 0 | 1 | 0 | nh | pj | pj | clear surface conditions |
| Site 10 | 5/24/2021 | 8:07 AM | 18.28 | 18.36 | 18.15 | 25.79 | 26.03 | 26.15 | 7.86 | 7.87 | 7.86 | 8.18 | 8.15 | 8.23 | 100.5 | 100.5 | 101.1 | 1.1 | 5.27 | 18.0 | | 79 | 52 | | | | | | | 0 | 4 | 5 | 6 | 4 | NE | 1.9 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 10 | 6/1/2021 | 9:18 AM | 15.07 | 14.98 | 14.72 | 25.41 | 25.67 | 25.83 | 7.77 | 7.77 | 7.77 | 7.84 | 7.83 | 7.74 | 90.1 | 89.9 | 88.5 | 1.6 | 4.2 | 21.2 | | 7 | 1 | | | | | | | 0 | 2 | 5 | 6 | 4 | SW | 0.6 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 10 | 6/7/2021 | 9:18 AM | 19.09 | 18.67 | 17.80 | 25.66 | 25.90 | 26.09 | 7.92 | 7.92 | 7.81 | 8.39 | 8.72 | 8.46 | 105.6 | 108.9 | 103.2 | 1.5 | 5.87 | 30.2 | | 1 | 6 | | | | | | | 0 | 4 | 5 | 6 | 1 | S | 2.4 | 1 | 0 | nh | pj | pj | clear surface conditions, % SAT near top of range at all depths |
| Site 10 | 6/15/2021 | 8:43 AM | 19.76 | 18.72 | 18.37 | 26.29 | 26.42 | 26.54 | 8.19 | 8.07 | 8.00 | 8.97 | 9.37 | 9.01 | 114.5 | 117.2 | 111.6 | 0.9 | 3.86 | 23.3 | | 1 | <1 | | | | | | | 1 | 2 | 5 | 6 | 4 | NW | 1.2 | 3 | 0 | nh | pj | pj | clear surface conditions, % SAT near top of range at all depths |
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**Friends of the Bay 2020 Water Quality Data - Site 11, West Harbor**

| Site | Date | Time | H20 Temp TOP (0.5m) | H20 Temp 1.0 m | H20 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 11 | 4/19/2021 | 8:33 AM | 10.68 | 10.74 | 10.26 | 26.04 | 26.07 | 26.18 | 8.16 | 8.15 | 8.16 | 10.08 | 10.19 | 10.37 | 107.4 | 108.5 | 109.4 | 1.6 | 3.13 | 18.2 | | <1 | <1 | | | | | | | 0 | 2 | 5 | 6 | 1 | 0 | 0 | 1 | 0 | nh | pj | pj | clear surface conditions |
| Site 11 | 4/26/2021 | 8:26 AM | 10.92 | 10.89 | 10.86 | 25.23 | 25.28 | 25.31 | 8.04 | 8.04 | 8.03 | 8.85 | 8.83 | 8.83 | 94 | 93.7 | 93.7 | 2 | 3.38 | 6.9 | | 2 | <1 | | | | | | | 1 | 4 | 5 | 6 | 0 | NW | 6 | 1 | 1 | nh | pj | pj | choppy |
| Site 11 | 5/3/2021 | 8:55 AM | 12.92 | 12.84 | 11.79 | 25.72 | 25.75 | 25.88 | 7.95 | 7.95 | 7.96 | 8.66 | 8.69 | 8.66 | 96.9 | 97.1 | 94.5 | 1.8 | 3.3 | 15.1 | | <1 | <1 | | | | | | | 0 | 2 | 5 | 6 | 4 | SE | 2.4 | 3 | 0.5 | nh | pj | pj | clear surface conditions |
| Site 11 | 5/10/2021 | 7:37 AM | 12.8 | 12.8 | 12.8 | 25.82 | 25.80 | 25.74 | 8.29 | 8.30 | 8.30 | 8.59 | 8.50 | 8.47 | 95.7 | 95 | 94.5 | 1.8 | 3 | 9.7 | | <1 | <1 | | | | | | | 2 | 4 | 5 | 6 | 4 | E | 1.3 | 3 | 0.5 | nh | pj | pj | clear surface conditions |
| Site 11 | 5/17/2021 | 8:23 AM | 16.16 | 16.02 | 15.68 | 26.10 | 26.11 | 26.22 | 7.86 | 7.86 | 7.84 | 8.44 | 8.47 | 8.59 | 99.6 | 99.9 | 100.2 | 2.2 | 2.6 | 16.6 | | 1 | <1 | | | | | | | 0 | 2 | 5 | 6 | 0 | 0 | 0 | 1 | 0 | nh | pj | pj | jellyfish |
| Site 11 | 5/24/2021 | 7:45 AM | 18.23 | 18.23 | 18.23 | 26.20 | 26.16 | 26.18 | 7.84 | 7.83 | 7.83 | 8.30 | 8.29 | 8.29 | 102.1 | 101.9 | 101.9 | 1.3 | 3.78 | 17.8 | | 2 | <1 | | | | | | | 0 | 4 | 5 | 6 | 4 | SE | 2.7 | 3 | 0.5 | nh | pj | pj | clear surface conditions |
| Site 11 | 6/1/2021 | 8:42 AM | 15.44 | 15.34 | 14.9 | 25.46 | 25.56 | 25.72 | 7.88 | 7.86 | 7.76 | 8.58 | 8.76 | 8.42 | 99.7 | 101.5 | 96.4 | 1.3 | 3.07 | 18.2 | | 5 | <1 | | | | | | | 0 | 2 | 5 | 6 | 4 | NE | 1 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 11 | 6/7/2021 | 8:46 AM | 19.30 | 18.66 | 18.44 | 25.96 | 25.01 | 26.10 | 7.95 | 7.90 | 7.87 | 8.74 | 9.06 | 8.72 | 111.1 | 112.2 | 108.0 | 0.9 | 4.07 | 25.3 | | 1 | 1 | | | | | | | 0 | 4 | 5 | 6 | 1 | 0 | 0 | 1 | 0 | nh | pj | pj | clear surface conditions, % SAT near top of range at all depths |
| Site 11 | 6/15/2021 | 8:17 AM | 19.81 | 19.69 | 19.51 | 26.02 | 26.05 | 26.15 | 8.08 | 8.08 | 8.09 | 8.68 | 8.86 | 8.97 | 110.9 | 112.8 | 114.1 | 0.8 | 2.72 | 22.9 | | 7 | <1 | | | | | | | 1 | 2 | 5 | 6 | 3 | NW | 1.5 | 3 | 0 | nh | pj | pj | clear surface conditions, % SAT near top of range at all depths |
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**Friends of the Bay 2020 Water Quality Data - Site 12, Turtle Cove**

| Site | Date | Time | H20 Temp TOP (0.5m) | H20 Temp 1.0 m | H20 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 12 | 4/19/2021 | 8:41 AM | 12.3 | 11.8 | 11.69 | 26.14 | 26.06 | 26.25 | 7.98 | 8.06 | 7.96 | 9.11 | 9.11 | 9.15 | 99.7 | 99.5 | 99.1 | 1.6 | 2.29 | 16.3 | | 3 | 1 | | | | | | | 0 | 2 | 5 | 6 | 0 | 0 | 0 | 1 | 0 | nh | pj | pj | clear surface conditions |
| Site 12 | 4/26/2021 | 12:30 PM | 11.29 | 11.27 | 11.27 | 25.54 | 25.5 | 25.56 | 8.08 | 8.07 | 8.07 | 8.95 | 8.95 | 8.94 | 95.9 | 95.9 | 95.8 | 1.1 | 3.52 | 9.8 | | <1 | <1 | | | | | | | 1 | 1 | 5 | 6 | 0 | NW | 5.2 | 1 | 1 | nh | pj | pj | choppy |
| Site 12 | 5/3/2021 | 9:06 AM | 13.31 | 13.25 | 13.1 | 25.73 | 25.78 | 25.76 | 7.9 | 7.91 | 7.91 | 8.47 | 8.5 | 8.50 | 95.5 | 95.6 | 95.5 | 0.9 | 2.4 | 16.9 | | 16 | <1 | | | | | | | 0 | 2 | 5 | 6 | 4 | E | 1 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 12 | 5/10/2021 | 7:49 AM | 13.4 | 13.43 | 13.4 | 25.73 | 25.75 | 25.72 | 7.68 | 7.67 | 7.67 | 7.28 | 7.08 | 7.00 | 81.8 | 80 | 79.1 | 0.8 | 2.31 | 10.3 | | 1 | <1 | | | | | | | 2 | 4 | 5 | 6 | 4 | NE | 4.2 | 3 | 0.5 | nh | pj | pj | clear surface conditions |
| Site 12 | 5/17/2021 | 8:32 AM | 17.68 | 17.45 | **too shallow** | 26.15 | 26.14 | **too shallow** | 7.69 | 7.74 | **too shallow** | 7.52 | 7.39 | **too shallow** | 91.3 | 89.4 | **too shallow** | 1.2 | 1.8 | 19.7 | | 1 | 1 | | | | | | | 0 | 2 | 5 | 6 | 0 | N | 0.4 | 1 | 0 | nh | pj | pj | clear surface conditions |
| Site 12 | 5/24/2021 | 7:54 AM | 18.16 | 18.24 | 18.03 | 26.13 | 26.09 | 26.08 | 7.75 | 7.76 | 7.69 | 7.49 | 7.44 | 7.30 | 91.8 | 91.4 | 89.3 | 1.3 | 3.05 | 18.4 | | <1 | 1 | | | | | | | 0 | 4 | 5 | 6 | 4 | E | 2.2 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 12 | 6/1/2021 | 9:04 AM | 15.27 | 15.28 | 15.33 | 25.46 | 25.48 | 25.65 | 7.88 | 7.85 | 7.78 | 8.58 | 8.67 | 8.45 | 99.2 | 100.2 | 97.7 | 1.4 | 2.04 | 17.7 | | 5 | 1 | | | | | | | 0 | 2 | 5 | 6 | 4 | N | 1.3 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 12 | 6/7/2021 | 8:59 AM | 22.65 | 22.55 | 21.66 | 25.60 | 25.74 | 25.88 | 7.86 | 7.89 | 7.86 | 7.44 | 7.53 | 8.08 | 99.7 | 100.8 | 106.6 | 1.0 | 3.37 | 30.3 | | 2 | 4 | | | | | | | 0 | 4 | 5 | 6 | 1 | SE | 1.3 | 1 | 0 | nh | pj | pj | clear surface conditions |
| Site 12 | 6/15/2021 | 8:30 AM | 20.59 | 20.38 | 19.94 | 26.02 | 26.14 | 26.26 | 7.87 | 8.08 | 8.00 | 7.31 | 7.36 | 7.70 | 94.4 | 97.2 | 98.5 | 1.0 | 1.90 | 23.3 | | 7 | 5 | | | | | | | 1 | 2 | 5 | 6 | 3 | SW | 1.3 | 3 | 0 | nh | pj | pj | clear surface conditions |
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Friends of the Bay **2020**Water Quality Data - **Site 13, Mill Neck Creek East**

| Site | Date | Time | H20 Temp TOP (0.5m) | H20 Temp 1.0 m | H20 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 DIRECTON | Wind SPEED m/s | Weather | Wave Height | Data Entered by | Captain | Sampling Leader | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site 13 | 4/19/2021 | 8:07 AM | 11.48 | 11.26 | 11.12 | 25.34 | 25.9 | 26.04 | 8.09 | 8.09 | 8.09 | 9.75 | 9.83 | 9.84 | 105.2 | 105.8 | 105.7 | 1.6 | 3.02 | 13.7 | | 1 | 2 | | | | | | | 0 | 2 | 5 | 6 | 1 | NE | 0.4 | 1 | 0 | nh | pj | pj | dead bunker jellyfish |
| Site 13 | 4/26/2021 | **strong wind and waves** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site 13 | 5/3/2021 | 8:33 AM | 13.6 | 13.41 | 12.87 | 24.57 | 25.05 | 25.65 | 7.83 | 7.84 | 7.88 | 8.09 | 8.01 | 8.07 | 90.9 | 89.9 | 90.1 | 1.6 | 3.25 | 14.8 | | 2 | 5 | | | | | | | 0 | 2 | 5 | 6 | 4 | E | 2.1 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 13 | 5/10/2021 | 11:40 AM | 13.05 | 13.11 | 13.02 | 25.58 | 25.61 | 25.57 | 7.9 | 7.9 | 7.91 | 8.53 | 8.54 | 8.53 | 95.8 | 95.7 | 95.6 | 2.3 | 4.21 | 21.1 | | 1 | 2 | | | | | | | 2 | 1 | 5 | 6 | 3 | E | 0.5 | 2 | 0 | nh | pj | pj | clear surface conditions |
| Site 13 | 5/17/2021 | 8:07 AM | 16.49 | 16.43 | 16.35 | 25.34 | 25.5 | 25.84 | 7.69 | 7.7 | 7.74 | 7.67 | 7.49 | 7.44 | 90.3 | 88.4 | 88.3 | 1.6 | 2.39 | 18 | | 4 | 2 | | | | | | | 0 | 2 | 5 | 6 | 0 | W | 0.5 | 1 | 0 | nh | pj | pj | clear surface conditions |
| Site 13 | 5/24/2021 | 11:42 AM | 18.57 | 18.57 | 18.44 | 26.07 | 26.18 | 26.08 | 7.89 | 7.89 | 7.86 | 7.82 | 7.94 | 7.99 | 97.1 | 98.4 | 98.7 | 1.2 | 4.15 | 23.4 | | 13 | 2 | | | | | | | 0 | 1 | 5 | 6 | 4 | W | 1.2 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 13 | 6/1/2021 | 8:12 AM | 15.03 | 15.1 | 15.1 | 23.51 | 25.14 | 25.13 | 7.7 | 7.71 | 7.72 | 8 | 7.76 | 7.63 | 90.4 | 89 | 87.6 | 1 | 3.09 | 16.3 | | 24 | 5 | | | | | | | 0 | 2 | 5 | 6 | 4 | W | 0.5 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 13 | 6/7/2021 | 8:02 AM | 19.93 | 19.83 | 19.76 | 25.62 | 25.68 | 25.74 | 7.85 | 7.86 | 7.86 | 8.43 | 8.47 | 8.47 | 107.5 | 107.6 | 107.5 | 1.1 | 3.31 | 22.3 | | 12 | 3 | | | | | | | 0 | 4 | 5 | 6 | 2 | S | 2.4 | 1 | 0 | nh | pj | pj | clear surface conditions, comb jellyfish, % SAT near top of range at all depths |
| Site 13 | 6/15/2021 | 7:49 AM | 20.28 | 20.26 | 20.11 | 25.35 | 25.59 | 25.90 | 7.88 | 7.91 | 7.99 | 7.61 | 7.51 | 7.76 | 97.3 | 96.3 | 99.5 | 0.9 | 2.55 | 20.7 | | 45 | 32 | | | | | | | 1 | 2 | 5 | 6 | 4 | W | 1.4 | 3 | 0 | nh | pj | pj | clear surface conditions |
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**Friends of the Bay 2020 Water Quality Data - Site 14, Mill Neck Creek West**

| Site | Date | Time | H20 Temp TOP (0.5m) | H20 Temp 1.0 m | H20 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 | **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 | | 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 |
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**Friends of the Bay 2020 Water Quality Data - Site 15, Mill Neck Creek South**

| Site | Date | Time | H20 Temp TOP (0.5m) | H20 Temp 1.0 m | H20 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 15 | 4/19/2021 | **tide falling, too shallow** | | | | | | tide falling, too shallow | | | | | | | | | tide falling, too shallow | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site 15 | 4/26/2021 | **strong wind and waves** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site 15 | 5/3/2021 | 8:04 AM | 14.04 | 13.41 | **too shallow** | 24.75 | 25.42 | **too shallow** | 7.80 | 7.84 | **too shallow** | 7.92 | 7.90 | **too shallow** | 89.8 | 88.9 | **too shallow** | 1.1 | 1.4 | 15.1 | | 13 | 10 | | | | | | | 0 | 2 | 5 | 6 | 4 | E | 1.6 | 3 | 0 | nh | pj | pj | clear surface conditions, shallow |
| Site 15 | 5/10/2021 | 11:03 AM | 13.48 | 13.48 | 13.46 | 24.37 | 24.36 | 24.39 | 7.89 | 7.89 | 7.89 | 8.64 | 8.62 | 8.63 | 97 | 96.9 | 96.9 | 1.6 | 2.16 | 17.6 | | 22 | 2 | | | | | | | 2 | 4 | 5 | 6 | 4 | E | 1.0 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 15 | 5/17/2021 | **too shallow, low tide** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site 15 | 5/24/2021 | 11:24 AM | 19.04 | 18.49 | 18.43 | 24.89 | 26.20 | 26.20 | 7.84 | 7.89 | 7.89 | 7.64 | 7.71 | 7.99 | 95.2 | 95.5 | 98.9 | 1.0 | 2.09 | 21.3 | | 112 | 31 | | | | | | | 0 | 1 | 5 | 6 | 4 | SE | 2.0 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 15 | 6/1/2021 | 7:36 AM | 15.35 | 15.47 | **too shallow** | 23.58 | 24.27 | **too shallow** | 7.83 | 7.81 | **too shallow** | 7.84 | 8.73 | **too shallow** | 89.50 | 89.00 | **too shallow** | | 1.32 | 16.8 | | 22 | 4 | | | | | | | 0 | 2 | 5 | 6 | 4 | 0 | 0 | 3 | 0 | nh | pj | pj | clear surface conditions, Secchi hit bottom before disappearing |
| Site 15 | 6/7/2021 | **too shallow** | | | | | | **too shallow** | | | | | | **too shallow** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site 15 | 6/15/2021 | **too shallow, low tide** | | | | | | **too shallow, low tide** | | | | | | **too shallow, low tide** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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**Friends of the Bay 2021 Water Quality Data - Site 16, Mill Neck Creek North**

| Site | Date | Time | H20 Temp TOP (0.5m) | H20 Temp 1.0 m | H20 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 DIRECTON | Wind SPEED m/s | Weather | Wave Height | Data Entered by | Captain | Sampling Leader | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site 16 | 4/19/2021 | **tide falling, too shallow** | | | | | | | | tide falling, too shallow | | | | | | | tide falling, too shallow | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site 16 | 4/26/2021 | **strong wind and waves** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site 16 | 5/3/2021 | 7:55 AM | 13.32 | 13.20 | **too shallow** | 25.42 | 25.52 | **too shallow** | 7.84 | 7.85 | **too shallow** | 8.25 | 8.21 | **too shallow** | 92.6 | 92.0 | **too shallow** | 1.7 | 1.7 | 15.1 | | 1 | <1 | | | | | | | 0 | 2 | 5 | 6 | 4 | E | 2 | 3 | 0 | nh | pj | pj | clear surface conditions, shallow |
| Site 16 | 5/10/2021 | 11:13 AM | 13.37 | 13.29 | 13.13 | 25.07 | 25.09 | 25.48 | 7.90 | 7.90 | 7.90 | 8.70 | 8.65 | 8.61 | 97.8 | 97.3 | 96.6 | 2.0 | 2.35 | 20.4 | | 10 | 11 | | | | | | | 2 | 4 | 5 | 6 | 4 | N | 2.5 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 16 | 5/17/2021 | **too shallow, low tide** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site 16 | 5/24/2021 | 11:12 AM | 18.92 | 18.88 | 18.72 | 25.70 | 25.73 | 26.00 | 7.87 | 7.87 | 7.88 | 8.06 | 7.98 | 7.96 | 100.0 | 99.1 | 98.6 | 1.2 | 2.31 | 19.1 | | 46 | 5 | | | | | | | 0 | 1 | 5 | 6 | 4 | S | 1.3 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 16 | 6/1/2021 | 7:50 AM | 15.17 | 15.21 | **too shallow** | 24.06 | 24.46 | **too shallow** | 7.67 | 7.66 | **too shallow** | 8.11 | 7.88 | **too shallow** | 92.5 | 90.1 | **too shallow** | | 1.4 | 16.0 | | 34 | 8 | | | | | | | 0 | 2 | 5 | 6 | 4 | 0 | 0 | 3 | 0 | nh | pj | pj | clear surface conditions, Secchi hit bottom before disappearing, bald eagle |
| Site 16 | 6/7/2021 | 8:25 AM | 20.66 | 20.61 | **too shallow** | 25.58 | 25.57 | **too shallow** | 7.82 | 7.82 | **too shallow** | 7.87 | 7.95 | **too shallow** | 101.7 | 102.6 | **too shallow** | 1.0 | 1.69 | 22.6 | | 18 | 7 | | | | | | | 0 | 4 | 5 | 6 | 2 | S | 0.5 | 1 | 0 | nh | pj | pj | clear surface conditions, 2 osprey |
| Site 16 | 6/15/2021 | **too shallow, low tide** | | | | | | **too shallow, low tide** | | | | | | **too shallow, low tide** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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**Friends of the Bay 2020 Water Quality Data - Site 17, The Birches STP**

| Site | Date | Time | H20 Temp TOP (0.5m) | H20 Temp 1.0 m | H20 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 17 | 4/19/2021 | **tide too low, too shallow** | | | | | tide too low, too shallow | | | | | | **tide too low, too shallow** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site 17 | 4/26/2021 | **strong wind and waves** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site 17 | 5/3/2021 | **too shallow** | | | | | too shallow | | | | | | too shallow | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site 17 | 5/10/2021 | 11:23 AM | 13.47 | 13.45 | 13.29 | 24.39 | 24.57 | 25.18 | 7.87 | 7.88 | 7.89 | 8.72 | 8.7 | 8.66 | 97.9 | 97.7 | 97.4 | 1.8 | 1.98 | 28.3 | | 13 | 1 | | | | | | | 2 | 4 | 5 | 6 | 4 | E | 3 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 17 | 5/17/2021 | **too shallow, low tide** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site 17 | 5/24/2021 | 11:04 AM | 19.41 | 19.43 | **too shallo** | 25.55 | 25.67 | **too shallo** | 7.76 | 7.75 | **too shallo** | 7.28 | 7.18 | **too shallo** | 91.1 | 90.1 | **too shallo** | 1.3 | 1.58 | 20.8 | | 78 | 17 | | | | | | | 0 | 1 | 5 | 6 | 4 | E | 2.4 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 17 | 6/1/2021 | **too shallow** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site 17 | 6/7/2021 | **too shallow** | | | | | | **too shallow** | | | | | | | | | **too shallow** | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site 17 | 6/15/2021 | **too shallow, low tide** | | | | | | **too shallow, low tide** | | | | | | | | | **too shallow, low tide** | | | | | | | | | | | | | | | | | | | | | | | | | |
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**Friends of the Bay 2020 Water Quality Data - Site 18, Mill Neck Cove**

| Site | Date | Time | H20 Temp TOP (0.5m) | H20 Temp 1.0 m | H20 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 DIRECTON | Wind SPEED m/s | Weather | Wave Height | Data Entered by | Captain | Sampling Leader | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site 18 | 4/19/2021 | 7:53 AM | 10.97 | 11 | 10.96 | 26 | 26.12 | 26 | 8.12 | 8.13 | 8.13 | 9.83 | 9.98 | 10.06 | 105.8 | 107 | 107.7 | 0.9 | 2.03 | 12.3 | | <1 | <1 | | | | | | | 0 | 2 | 5 | 6 | 1 | NE | 1.3 | 1 | 0 | nh | pj | pj | clear surface conditions, common tern sighting |
| Site 18 | 4/26/2021 | **strong wind and waves** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site 18 | 5/3/2021 | 7:42 AM | 12.76 | 12.76 | 12.76 | 25.68 | 25.64 | 25.65 | 7.86 | 7.88 | 7.89 | 8.24 | 8.22 | 8.21 | 91.6 | 91.4 | 91.4 | 1.7 | 2.72 | 15.1 | | <1 | 1 | | | | | | | 0 | 1 | 5 | 6 | 4 | W | 0.9 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 18 | 5/10/2021 | 11:50 AM | 13.58 | 13.37 | 13.05 | 25.48 | 25.44 | 25.57 | 7.9 | 7.91 | 7.92 | 8.58 | 8.56 | 8.62 | 96.9 | 96.6 | 96.6 | 2.4 | 3.16 | 25.1 | | 1 | 1 | | | | | | | 2 | 1 | 5 | 6 | 3 | W | 2.1 | 2 | 0 | nh | pj | pj | clear surface conditions |
| Site 18 | 5/17/2021 | 7:43 AM | 15.71 | 15.73 | **too shallow** | 26 | 26.1 | **too shallow** | 7.76 | 7.77 | **too shallow** | 8.07 | 7.94 | **too shallow** | 94.3 | 92.9 | **too shallow** | | 1.54 | 17.5 | | 3 | 2 | | | | | | | 0 | 2 | 5 | 6 | 0 | NW | 1.4 | 1 | 0 | nh | pj | pj | clear surface conditions, Secchi hit bottom before disappearing |
| Site 18 | 5/24/2021 | 11:52 AM | 18.54 | 18.53 | 18.54 | 26.05 | 26.03 | 26.13 | 7.84 | 7.84 | 7.86 | 8.03 | 8.00 | 7.87 | 99.3 | 98.8 | 97.3 | 1.3 | 2.77 | 21.7 | | 2 | <1 | | | | | | | 0 | 1 | 5 | 6 | 4 | S | 1.2 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 18 | 6/1/2021 | 8:24 AM | 15.12 | 15.1 | 15.08 | 25.18 | 25.36 | 25.3 | 7.73 | 7.74 | 7.75 | 7.87 | 7.76 | 7.76 | 90.4 | 89.2 | 89.2 | 1.5 | 1.9 | 18.3 | | 9 | 4 | | | | | | | 0 | 2 | 5 | 6 | 4 | SW | 0.4 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 18 | 6/7/2021 | 7:50 AM | 20.75 | 20.10 | 20.03 | 25.44 | 25.76 | 25.83 | 7.77 | 7.80 | 7.80 | 7.87 | 7.94 | 7.99 | 101.7 | 101.5 | 102.1 | 1.0 | 2.19 | 23.6 | | 13 | 5 | | | | | | | 0 | 4 | 5 | 6 | 1 | E | 1.1 | 1 | 0 | nh | pj | pj | clear surface conditions, % SAT closer to normal range but high for location |
| Site 18 | 6/15/2021 | 8:02 AM | 19.78 | **too shallow** | 19.76 | 25.90 | **too shallow** | 25.94 | 7.91 | **too shallow** | 7.95 | 7.70 | **too shallow** | 7.69 | 97.9 | **too shallow** | 97.9 | 0.6 | 1.43 | 21.7 | | 49 | 38 | | | | | | | 1 | 2 | 5 | 6 | 4 | W | 1.0 | 3 | 0 | nh | pj | pj | clear surafce conditions, water churned up from engine prop stayed in area |
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**Friends of the Bay 2020 Water Quality Data - Site 19, Flowers Oyster Hatchery**

| Site | Date | Time | H20 Temp TOP (0.5m) | H20 Temp 1.0 m | H20 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 19 | 4/19/2021 | 7:45 AM | 10.9 | 10.91 | 10.91 | 26.04 | 26.12 | 26.07 | 8.11 | 8.12 | 8.11 | 10.17 | 10.17 | 10.17 | 108.7 | 108.8 | 108.8 | 1.6 | 4.96 | 11.6 | | <1 | <1 | | | | | | | 0 | 2 | 5 | 6 | 1 | NE | 2.2 | 1 | 0 | nh | pj | pj | surface water-possible discharge, jellyfish |
| Site 19 | 4/26/2021 | **strong wind and waves** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site 19 | 5/3/2021 | 7:30 AM | 12.82 | 12.79 | 12.72 | 25.62 | 25.66 | 25.74 | 8.09 | 8.09 | 8.08 | 8.24 | 8.24 | 8.26 | 91.8 | 91.7 | 91.8 | 1.5 | 4.99 | 14.8 | | <1 | <1 | | | | | | | 0 | 1 | 5 | 6 | 4 | SE | 1 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 19 | 5/10/2021 | 12:00 PM | 13.18 | 13.35 | 12.84 | 25.53 | 25.52 | 25.86 | 7.90 | 7.91 | 7.92 | 8.57 | 8.60 | 8.67 | 96.6 | 96.9 | 96.9 | 2.2 | 5.23 | 22.3 | | <1 | 2 | | | | | | | 2 | 1 | 5 | 6 | 3 | W | 2.5 | 2 | 0 | nh | pj | pj | clear surface conditions |
| Site 19 | 5/17/2021 | 7:30 AM | 15.8 | 15.77 | 15.69 | 25.9 | 25.98 | 25.96 | 7.82 | 7.81 | 7.77 | 7.98 | 7.97 | 7.92 | 93.4 | 93.2 | 92.6 | 1.6 | 4.27 | 15.2 | | 2 | 1 | | | | | | | 0 | 2 | 5 | 6 | 0 | W | 1.2 | 1 | 0 | nh | pj | pj | clear surface conditions |
| Site 19 | 5/24/2021 | 7:30 AM | 18.97 | 18.88 | 18.44 | 25.64 | 25.80 | 25.84 | 7.70 | 7.71 | 7.72 | 7.58 | 7.51 | 7.48 | 94.1 | 93.3 | 92.2 | 1.2 | 4.71 | 17.4 | | 15 | 7 | | | | | | | 0 | 4 | 5 | 6 | 4 | NE | 2.4 | 3 | 0 | nh | pj | pj | clear surface conditions |
| Site 19 | 6/1/2021 | 11:40 AM | 16.17 | 15.9 | 15.29 | 24.18 | 24.46 | 24.94 | 7.78 | 7.80 | 7.77 | 8.02 | 8.26 | 8.15 | 94.0 | 95.9 | 93.8 | 1.4 | 3.27 | 28.2 | | 14 | 3 | | | | | | | 0 | 3 | 5 | 6 | 3 | NE | 0.5 | 2 | 0 | nh | pj | pj | clear surface conditions |
| Site 19 | 6/7/2021 | 7:30 AM | 20.97 | 20.80 | 19.94 | 25.42 | 25.47 | 25.67 | 7.80 | 7.79 | 7.78 | 7.76 | 7.99 | 8.04 | 101.0 | 103.4 | 102.5 | 1.1 | 4.70 | 21.4 | | 33 | 3 | | | | | | | 0 | 4 | 5 | 6 | 1 | W | 2.2 | 1 | 0 | nh | pj | pj | clear surface conditions, % SAT closer to normal range but still higher than avg. for location |
| Site 19 | 6/15/2021 | 11:24 AM | 20.43 | 20.24 | 19.80 | 25.74 | 25.98 | 26.23 | 8.01 | 8.02 | 8.04 | 8.90 | 9.02 | 9.18 | 115.2 | 115.3 | 116.9 | 0.9 | 4.20 | 24.4 | | 29 | 2 | | | | | | | 1 | 3 | 5 | 6 | 3 | S | 1.2 | 2 | 0 | nh | pj | pj | clear surface conditions, % SAT near top of range at all depths |
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