

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 6/22/2019 and 7/5/2019

University of Delaware Citizen Monitoring Program

| Water Body | Tributary | Site | Date | Time | Dissolved Oxygen | | | Aquatic Vegetation | |
|------------------------|-----------|---|-----------|------|------------------|--------------|-------|--------------------|-----------|
| | | | | | ppm | % Saturation | Depth | On Shore? | In Water? |
| Assawoman Bay | | | | | | | | | |
| | | <u>Assawoman Bay</u> | | | | | | | |
| | | AB01: Bayside Point Pier | | | | | | | |
| | | | 6/22/2019 | 8:00 | 4.5 | 61% | Surfc | None | None |
| | | | 6/27/2019 | 7:50 | 4.6 | 66% | Surfc | None | None |
| Broadkill River | | | | | | | | | |
| | | <u>Canary Creek</u> | | | | | | | |
| | | BR19: Canary Creek at New Road | | | | | | | |
| | | | 6/23/2019 | 8:15 | 2.3 | 27% | Surfc | None | None |
| | | <u>Fleetwood Pond</u> | | | | | | | |
| | | BR51: Fleetwood Pond, PHNWR | | | | | | | |
| | | | 6/30/2019 | 8:18 | 3.7 | 47% | Surfc | None | None |
| | | <u>Old Mill Creek</u> | | | | | | | |
| | | BR21: Old Mill Creek downstream from Red Mill Pond | | | | | | | |
| | | | 6/26/2019 | 9:55 | 2.9 | 37% | Surfc | None | None |
| | | <u>Prime Hook Creek</u> | | | | | | | |
| | | BR02: Prime Hook NWR Petersfield Ditch water control structure, 50m N of Rt 16. | | | | | | | |
| | | | 6/23/2019 | 8:03 | 4.3 | 52% | Surfc | None | None |
| | | | 6/30/2019 | 7:53 | 3.1 | 42% | Surfc | None | None |
| | | BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters | | | | | | | |
| | | | 6/30/2019 | 8:47 | 3.8 | 49% | Surfc | None | None |
| | | BR53: Foord's Landing, PHNWR | | | | | | | |
| | | | 6/30/2019 | 8:35 | 4.2 | 55% | Surfc | None | None |
| Cedar Creek | | | | | | | | | |
| | | <u>Slaughter Creek</u> | | | | | | | |
| | | BR58: Slaughter Creek bridge | | | | | | | |
| | | | 6/23/2019 | 9:18 | 4.1 | 50% | Surfc | None | None |
| | | | 6/30/2019 | 9:15 | 4.2 | 52% | Surfc | None | None |
| Indian River | | | | | | | | | |
| | | <u>Assawoman Canal</u> | | | | | | | |
| | | IR50: Assawoman Canal at N end, Ocean View Marina | | | | | | | |
| | | | 7/4/2019 | 7:00 | 3.4 | 50% | Surfc | None | None |
| | | <u>Indian River</u> | | | | | | | |
| | | IR03: Oak Orchard | | | | | | | |
| | | | 6/24/2019 | 8:20 | 4.9 | 66% | Surfc | None | None |
| | | IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore | | | | | | | |
| | | | 6/25/2019 | 7:50 | 4.7 | 62% | Surfc | Minor | Minor |
| | | <u>Salt Pond</u> | | | | | | | |
| | | IR73: Western edge of Salt Pond | | | | | | | |
| | | | 6/29/2019 | 7:15 | 2.1 | 31% | Surfc | None | None |
| | | <u>Vines Creek</u> | | | | | | | |
| | | IR38: Vines Lane | | | | | | | |
| | | | 6/25/2019 | 6:45 | 4.8 | 66% | Surfc | None | None |
| | | | 7/2/2019 | 9:00 | 4.5 | 65% | Surfc | None | None |
| | | <u>White Creek</u> | | | | | | | |
| | | IR32: Holly Terrace Acres Canal Dead End, White Creek | | | | | | | |
| | | | 7/1/2019 | 8:36 | 3.5 | 51% | Surfc | None | None |

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Aquatic vegetation comments: "None" - none seen; "Minor" - bands up to 10 feet wide; "Major" - bands greater than 10' wide.

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| Water Body | Tributary | Site | Date | Time | Dissolved Oxygen | | | Aquatic Vegetation | |
|-----------------------------|-----------|--|------|------|------------------|--------------|-------|--------------------|-----------|
| | | | | | ppm | % Saturation | Depth | On Shore? | In Water? |
| Little Assawoman Bay | | | | | | | | | |
| | | <u>Dirickson Creek</u> | | | | | | | |
| | | LA03: Mulberry Landing | | | | | | | |
| | | 6/25/2019 | 6:45 | 5.0 | 70% | Surfc | None | None | |
| | | 7/2/2019 | 6:54 | 4.1 | 59% | Surfc | None | None | |
| | | LA09: Dirickson Creek at Road 381 bridge. | | | | | | | |
| | | 6/25/2019 | 7:30 | 2.4 | 32% | Surfc | None | None | |
| | | 7/2/2019 | 7:31 | 3.8 | 52% | Surfc | None | None | |
| | | LA29: Upper Dirickson Creek @ Rt20 | | | | | | | |
| | | 6/25/2019 | 6:02 | 2.8 | 32% | Surfc | None | None | |
| | | 7/2/2019 | 6:07 | 2.9 | 33% | Surfc | None | None | |
| | | <u>Jefferson Creek</u> | | | | | | | |
| | | SB01: Anchorage Canal @ Rt 1 | | | | | | | |
| | | 6/25/2019 | 7:32 | 0.5 | 7% | Surfc | None | None | |
| | | 7/2/2019 | 7:54 | 0.3 | 4% | Surfc | None | None | |
| | | SB02: Anchorage Canal near elbow | | | | | | | |
| | | 6/25/2019 | 7:26 | 3.6 | 51% | Surfc | None | None | |
| | | 7/2/2019 | 7:07 | 2.6 | 38% | Surfc | None | None | |
| | | SB04: Petherton canal/rtl | | | | | | | |
| | | 6/25/2019 | 7:45 | 0.9 | 12% | Surfc | Major | None | |
| | | 7/2/2019 | 8:02 | 0.9 | 14% | Surfc | None | None | |
| | | SB05: Petherton canal, between lots 156 and 162 | | | | | | | |
| | | 6/25/2019 | 7:39 | 3.9 | 56% | Surfc | Major | None | |
| | | 7/2/2019 | 8:18 | 4.2 | 60% | Surfc | None | None | |
| | | SB06: Brandywine Canal | | | | | | | |
| | | 6/25/2019 | 7:50 | 1.7 | 24% | Surfc | Major | Major | |
| | | 7/2/2019 | 8:06 | 1.1 | 16% | Surfc | None | None | |
| | | SB07: Layton Canal, South Bethany | | | | | | | |
| | | 6/25/2019 | 7:56 | 4.4 | 63% | Surfc | Minor | None | |
| | | SB09: Carlisle canal | | | | | | | |
| | | 6/25/2019 | 8:03 | 1.8 | 25% | Surfc | None | None | |
| | | 7/2/2019 | 8:37 | 2.2 | 33% | Surfc | None | None | |
| | | SB10E: Russell Canal east dead end | | | | | | | |
| | | 6/25/2019 | 7:20 | 1.7 | 25% | Surfc | Minor | None | |
| | | 7/2/2019 | 7:14 | 0.1 | 2% | Surfc | Minor | None | |
| | | SB10W: Russell Canal west dead end | | | | | | | |
| | | 6/25/2019 | 7:15 | 4.3 | 62% | Surfc | Minor | None | |
| | | 7/2/2019 | 7:36 | 0.1 | 2% | Surfc | Minor | None | |
| | | SB12: Jefferson Canal West side @ tidal gage | | | | | | | |
| | | 7/2/2019 | 7:26 | 4.5 | 65% | Surfc | None | None | |
| | | SB13: South end of York Canal | | | | | | | |
| | | 6/25/2019 | 8:07 | 3.2 | 44% | Surfc | Major | None | |
| | | 7/2/2019 | 8:42 | 2.9 | 43% | Surfc | None | None | |
| | | <u>Little Assawoman Bay</u> | | | | | | | |
| | | LA46: Fenwick Island Tide Gauge | | | | | | | |
| | | 6/25/2019 | 8:30 | 4.1 | 57% | Surfc | None | None | |
| | | 7/2/2019 | 7:30 | 4.3 | 61% | Surfc | None | None | |
| | | LA48: W. Georgetown St. Canal - Fenwick | | | | | | | |
| | | 6/25/2019 | 7:50 | 4.1 | 57% | Surfc | None | None | |
| Rehoboth Bay | | | | | | | | | |
| | | <u>Bald Eagle Creek</u> | | | | | | | |
| | | RB64: Torquay Canal, west side of Land's End near UD Site #1 | | | | | | | |
| | | 6/24/2019 | 9:35 | 2.1 | 29% | Surfc | None | None | |

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| Water Body | Tributary | Site | Date | Time | Dissolved Oxygen | | | Aquatic Vegetation | |
|---------------------|-----------|--|-----------|------|------------------|--------------|-------|--------------------|-----------|
| | | | | | ppm | % Saturation | Depth | On Shore? | In Water? |
| Rehoboth Bay | | | | | | | | | |
| | | <u>Bald Eagle Creek</u> | | | | | | | |
| | | RB64: Torquay Canal, west side of Land's End near UD Site #1 | | | | | | | |
| | | | 7/1/2019 | 9:16 | 3.1 | 46% | Surfc | None | None |
| | | <u>Guinea Creek</u> | | | | | | | |
| | | RB06A: Guinea Creek @ Rd 298 Bridge | | | | | | | |
| | | | 6/24/2019 | 8:06 | 3.9 | 45% | Surfc | None | None |

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