

Bacteria Report - Total Enterococcus

Sampling Period: 4/1/24 - 8/31/24

University of Delaware Citizen Monitoring Program

Total Enterococcus (TE) are a group of bacteria that are normally found in the guts and feces of warm-blooded animals (mammals and birds). The EPA and the State of Delaware use TE as the best, easily-measured bacterial indicator of the risk of acquiring gastroenteritis from swimming in fecal contaminated water.

| Watershed | | Last Sample Date | Time | Last Sample (Colonies per 100 mL) | Geometric mean (Colonies per 100 mL) | Sample Total |
|-----------------------------|--|--|-------|-----------------------------------|--------------------------------------|--------------|
| Tributary | Site: Name | | | | | |
| Fresh water sites | | <u>EPA Fresh Water Standards for Swimming</u> | | <u>185</u> | <u>100</u> | |
| Broadkill River | | | | | | |
| <u>Beaverdam Creek</u> | BR55: Beaverdam Creek at Road 88 | 8/21/2024 | 10:39 | 880 | 447 | 9 |
| <u>Diamond Pond</u> | BR48: Diamond Pond at Spillway | 8/21/2024 | 9:50 | 5 | 10 | 9 |
| <u>Red Mill Pond</u> | BR54: Red Mill Pond outlet at Rt 1 | 8/21/2024 | 11:02 | 31 | 14 | 9 |
| <u>Wagamon's Pond</u> | BR41: Wagamon's Pond Outlet | 8/21/2024 | 10:12 | 10 | 14 | 9 |
| <u>Wagamon's Pond</u> | BR44: Wagamon's Pond on Northern Shoreline, Milton | 7/25/2024 | 11:30 | 1,989 | Insufficient data | 1 |
| Indian River | | | | | | |
| | PING: Ingrams Pond | 8/19/2024 | 9:35 | 20 | 16 | 9 |
| Little Assawoman Bay | | | | | | |
| <u>Dirickson Pond</u> | LA38: The Hamlet at Dirickson Pond | 8/20/2024 | 8:04 | 20 | 12 | 9 |
| Rehoboth Bay | | | | | | |
| <u>Guinea Creek</u> | RB10: Guinea Creek above golf course | 8/19/2024 | 8:50 | 1,259 | 1093 | 9 |
| Rehoboth Beach | | | | | | |
| <u>Lake Comegys</u> | RL03: Lake Comegys, dock at Lake Comegys Community | 8/21/2024 | 8:00 | 98 | 78 | 9 |
| <u>Lake Gerar</u> | RL10: Lake Gerar bridge | 8/21/2024 | 8:57 | 20 | 62 | 9 |
| <u>Lake Gerar</u> | RL11: Lake Gerar, outlet to ocean | 8/21/2024 | 9:14 | 124 | 73 | 9 |
| <u>Silver Lake</u> | RL01: Silver Lake, Lake Drive Bridge | 8/21/2024 | 8:34 | 63 | 88 | 9 |
| <u>Silver Lake</u> | RL04: Silver Lake, outlet to ocean | 8/21/2024 | 8:10 | 2,142 | 523 | 9 |
| <u>Silver Lake</u> | RL05: Gaspard's dock, near outlet | 8/21/2024 | 8:20 | 318 | 120 | 9 |
| Tidal water sites | | <u>EPA Tidal Water Standards for Swimming</u> | | <u>104</u> | <u>35</u> | |
| Assawoman Bay | | | | | | |
| <u>Assawoman Bay</u> | AB01: Bayside Point Pier | 8/5/2024 | 8:00 | 5 | Insufficient data | 1 |
| <u>Assawoman Bay</u> | RWPMXXX: Summertime Park | 5/21/2024 | 9:30 | 5 | Insufficient data | 1 |
| Atlantic Ocean | | | | | | |
| | RWPM81: Herring Point, CHSP | 5/16/2024 | 7:00 | 10 | 11 | 5 |
| | RWPMVI: N Indian River Inlet | 5/22/2024 | 14:00 | 5 | 6 | 7 |
| Broadkill River | | | | | | |
| <u>Broadkill River</u> | BR01: Broadkill river @ PEL dock | 8/21/2024 | 10:00 | 20 | 8 | 9 |
| <u>Broadkill River</u> | BR20: Broadkill River at Milton tidal pond | 8/21/2024 | 6:15 | 120 | 95 | 9 |
| Indian River | | | | | | |
| <u>Indian River</u> | IR02A: Rosedale crabbing pier | 8/20/2024 | 9:50 | 30 | 20 | 9 |
| <u>Indian River</u> | IR11: Pot Nets Seaside Pier | 8/19/2024 | 11:00 | 10 | 13 | 9 |
| <u>Indian River</u> | IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore | 8/20/2024 | 7:53 | 359 | 96 | 8 |
| <u>Indian River</u> | RWPMVII: Holt's Landing Boat Ramp | 8/27/2024 | 9:55 | 20 | 27 | 8 |
| <u>Indian River</u> | RWPMXII: North IRI Boat Ramp | 8/27/2024 | 9:15 | 5 | 11 | 8 |

Please note that this report is for general information only. The Inland Bays and Broadkill River are under a permanent advisory for recreational contact, in particular after heavy rains.

| Watershed | | Last Sample Date | Time | Last Sample (Colonies per 100 mL) | Geometric mean (Colonies per 100 mL) | Sample Total |
|-----------------------------|---|-------------------------|-------------|--|---|---------------------|
| <u>Tributary</u> | <u>Site: Name</u> | | | | | |
| Tidal water sites | | | | 104 | 35 | |
| Indian River | | | | | | |
| <u>Indian River</u> | RWPMXVI: Rosedale Beach Boat Ramp | 8/27/2024 | 7:29 | 20 | 21 | 8 |
| <u>Indian River</u> | RWPMXXV: Quillens's Point VFW Boat Ramp | 8/27/2024 | 9:35 | 10 | 47 | 8 |
| <u>Pepper Creek</u> | IR51: Pepper Creek, Creekside | 8/20/2024 | 8:00 | 160 | 90 | 9 |
| <u>Vines Creek</u> | IR38: Vines Lane | 8/20/2024 | 8:30 | 74 | 72 | 9 |
| Little Assawoman Bay | | | | | | |
| <u>Dirickson Creek</u> | LA03: Mulberry Landing | 8/19/2024 | 8:35 | 10 | 13 | 8 |
| <u>Dirickson Creek</u> | LA09: Dirickson Creek at Road 381 bridge | 8/19/2024 | 8:35 | 2,613 | 273 | 9 |
| <u>Jefferson Creek</u> | SB01: Anchorage Canal @ Rt 1 | 8/20/2024 | 7:45 | 345 | 184 | 9 |
| <u>Jefferson Creek</u> | SB02: Anchorage Canal near elbow | 8/20/2024 | 8:25 | 25,000 | 119 | 9 |
| <u>Jefferson Creek</u> | SB04: Petherton canal at Rt1 | 8/20/2024 | 7:50 | 450 | 235 | 9 |
| <u>Jefferson Creek</u> | SB05: Petherton canal, between lots 156 and 162 | 8/20/2024 | 8:05 | 84 | 70 | 9 |
| <u>Jefferson Creek</u> | SB06: Brandywine Canal | 8/20/2024 | 7:55 | 213 | 72 | 9 |
| <u>Jefferson Creek</u> | SB07: Layton Canal, South Bethany | 8/20/2024 | 7:35 | 52 | 41 | 9 |
| <u>Jefferson Creek</u> | SB10E: Russell Canal east dead end | 8/20/2024 | 8:35 | 932 | Insufficient data | 1 |
| <u>Jefferson Creek</u> | SB10W: Russell Canal west dead end | 8/20/2024 | 8:50 | 75 | Insufficient data | 1 |
| <u>Jefferson Creek</u> | SB12: Jefferson Canal West side @ tidal gauge | 8/20/2024 | 8:45 | 175 | 238 | 3 |
| <u>Little Assawoman Bay</u> | LA42: Narrows Beach, off of Rt. 1 south of South Bethany knee deep wading sample. | 8/21/2024 | 12:15 | 20 | 79 | 5 |
| <u>Little Assawoman Bay</u> | LA46: Fenwick Island Tide Gauge | 8/20/2024 | 8:50 | 10 | 14 | 9 |
| <u>Little Assawoman Bay</u> | LA48: W. Georgetown St. Canal - Fenwick | 8/20/2024 | 8:10 | 161 | 27 | 9 |
| <u>Little Assawoman Bay</u> | RWPMXIV: Fenwick, Coastal Kayak Boat Rental | 8/27/2024 | 10:28 | 121 | 32 | 7 |
| Rehoboth Bay | | | | | | |
| <u>Guinea Creek</u> | RB06: Guinea Creek (Winding Creek Village) | 8/19/2024 | 8:12 | 749 | 522 | 10 |
| <u>Guinea Creek</u> | RB06A: Guinea Creek @ Rd 298 Bridge | 8/19/2024 | 8:36 | 1,450 | 1701 | 9 |
| <u>Herring Creek</u> | RB90: Burton Prong | 8/19/2024 | 9:00 | 359 | 260 | 9 |
| <u>Lewes-Rehoboth Canal</u> | RB08A: Lewes Canal Front Park - Kayak Launch | 8/29/2024 | 10:15 | 5 | 31 | 9 |
| <u>Love Creek</u> | RB34: Love Creek at Rt 24 Bridge | 8/19/2024 | 10:05 | 2,595 | 227 | 9 |
| <u>Rehoboth Bay</u> | RB07: West Bay Park | 8/20/2024 | 10:48 | 5 | 14 | 9 |
| <u>Rehoboth Bay</u> | RB16M: Rusty Rudder Pier Middle | 8/27/2024 | 8:39 | 121 | 170 | 8 |
| <u>Rehoboth Bay</u> | RWPMV: Tower Road Bayside | 8/27/2024 | 8:46 | 142 | 516 | 14 |
| <u>Rehoboth Bay</u> | RWPMX: Savage Ditch Kayak Ramp | 8/27/2024 | 9:00 | 228 | 63 | 8 |
| <u>Rehoboth Bay</u> | RWPMXV: Massey's Landing Boat Ramp | 8/27/2024 | 7:53 | 20 | 12 | 15 |

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