

Bacteria Report - Total Enterococcus All data 4/01/2012- 7/27/2012

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.

| Water Body Tributary Site | Last Sample Date | Time | Last Sample (Colonies per 100 mL) | Geometric mean, April 1 to present (Colonies per 100 mL) | # of Samples, April 1 to Present |
|---|---------------------------------|-------------|--|---|---|
| Fresh water sites ----- standards for swimming ----- 185 ----- 100 ----- | | | | | |
| Broadkill River | | | | | |
| <u>Diamond Pond</u> | | | | | |
| BR48: Diamond Pond | 7/25/2012 | 11:06 | 5 | 5 | 7 |
| <u>Ingram Branch</u> | | | | | |
| BR06: Ingram Ditch at the intersection of Rds 212 and 231. | 7/25/2012 | 11:28 | 703 | 340 | 7 |
| BR10: Ingram Branch at Rt 319 | 7/25/2012 | 10:55 | 882 | 489 | 7 |
| <u>Sowbridge Branch</u> | | | | | |
| BR47: Sowbridge Branch 1/2 mile upstream of Reynolds Pond | 7/25/2012 | 10:00 | 1,989 | 980 | 4 |
| <u>Wagamon's Pond</u> | | | | | |
| BR44: Wagamon's Pond, Milton | 7/26/2012 | 11:00 | 1,935 | 396 | 6 |
| Dirickson Pond | | | | | |
| LA38: The Hamlet at Dirickson Pond | 7/24/2012 | 7:40 | 31 | 20 | 7 |
| Rehoboth Bay | | | | | |
| <u>Guinea Creek</u> | | | | | |
| RB10: Guinea Creek above golf course | 7/23/2012 | 8:09 | 393 | 1560 | 7 |
| Tidal water sites----- standards for swimming -----104 ----- 35 ----- | | | | | |
| Assawoman Bay | | | | | |
| <u>Roy Creek</u> | | | | | |
| BA01: Keenwick on Bay, Roy Creek | 7/24/2012 | 8:42 | 5 | 16 | 7 |
| Broadkill River | | | | | |
| BR01: Broadkill river @ PEL dock. | 7/26/2012 | 9:30 | 52 | 10 | 7 |
| BR20: Broadkill River at Milton tidal pond | 7/25/2012 | 6:30 | 199 | 36 | 7 |
| <u>Old Mill Creek</u> | | | | | |

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.

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|---------------------------------|------------------------|------|---|--|--|
|---------------------------------|------------------------|------|---|--|--|

Tidal water sites----- standards for swimming -----104 ----- 35 -----

Broadkill River

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond
7/25/2012 12:51 259 110 7

Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters
7/25/2012 12:02 195 113 7

Delaware Bay

DB01: End of Cape Shores pier
7/25/2012 8:55 5 6 7

Canary Creek

BR19: Canary Creek at New Road
7/25/2012 10:06 331 134 3

BR40: Canary Creek at Pilottown Rd
7/24/2012 8:07 10 13 6

Indian River

Indian River

IR04: Warwick Cove
7/23/2012 9:55 10 16 7

IR07: Holt's Landing State Park
7/24/2012 7:55 74 45 7

IR11: Pot Nets Seaside Pier
7/23/2012 11:01 31 8 7

IR20: Bay Colony
7/23/2012 8:00 96 61 7

IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore
7/24/2012 9:20 63 25 5

IR36B: James Farm, Pasture Point By Boat
5/8/2012 8:20 10 Insufficient data 1

Vines Creek

IR38: Vines Lane
7/24/2012 7:15 63 43 7

White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek
7/23/2012 9:04 52 79 7

Little Assawoman Bay

LA43: Fenwick Island Lagoon
7/24/2012 8:07 86 43 7

LA44: Fenwick Island Cove
7/24/2012 8:34 52 73 6

LA45: Fenwick Island Bayside
7/24/2012 7:38 5 24 7

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|---------------------------------|------------------------|------|---|--|--|
|---------------------------------|------------------------|------|---|--|--|

Tidal water sites----- standards for swimming -----104 ----- 35 -----

Little Assawoman Bay

| | | | | | |
|---|-----------|------|----|----|---|
| LA48: W. Georgetown St. Canal - Fenwick | 7/24/2012 | 7:46 | 31 | 27 | 7 |
|---|-----------|------|----|----|---|

Assawoman Canal

| | | | | | |
|--|-----------|------|-----|-----|---|
| LA10: Assawoman Canal S end, Kent Ave Bridge | 7/23/2012 | 7:30 | 134 | 306 | 7 |
|--|-----------|------|-----|-----|---|

Dirickson Creek

| | | | | | |
|---|-----------|------|-----|-----|---|
| LA03: Mulberry Landing | 7/23/2012 | 7:58 | 10 | 9 | 7 |
| LA09: Dirickson Creek at Road 381 bridge. | 7/23/2012 | 8:32 | 457 | 306 | 7 |

Jefferson Creek

| | | | | | |
|-----------------------------------|-----------|------|-----|-----|---|
| SB01: Anchorage Canal @ Rt 1 | 7/24/2012 | 7:30 | 10 | 40 | 7 |
| SB04: Petherton canal/rt1 | 7/24/2012 | 7:47 | 836 | 129 | 7 |
| SB06: Brandywine Canal | 7/24/2012 | 7:42 | 259 | 116 | 5 |
| SB07: Layton Canal, South Bethany | 7/24/2012 | 7:12 | 5 | 20 | 7 |

Rehoboth Bay

| | | | | | |
|----------------------|-----------|-------|----|-------------------|---|
| ML: Massey's Landing | 7/23/2012 | 11:20 | 10 | 7 | 7 |
| RB07: West Bay Park | 7/24/2012 | 8:00 | 10 | Insufficient data | 2 |

Guinea Creek

| | | | | | |
|--|-----------|-------|-------|------|---|
| RB05: Mouth of Guinea Creek (Pot Nets Creekside) | 7/23/2012 | 11:40 | 10 | 14 | 7 |
| RB06: Guinea Creek (Winding Creek Village) | 7/23/2012 | 7:00 | 146 | 133 | 7 |
| RB06A: Guinea Creek @ Rd 298 Bridge | 7/23/2012 | 7:57 | 1,145 | 1050 | 7 |

Herring Creek

| | | | | | |
|----------------------------------|-----------|------|----|----|---|
| RB04: Herring Creek, Mid-Section | 7/25/2012 | 8:50 | 20 | 50 | 7 |
|----------------------------------|-----------|------|----|----|---|

Love Creek

| | | | | | |
|----------------------------------|-----------|------|-----|-----|---|
| RB34: Love Creek at Rt 24 Bridge | 7/23/2012 | 8:45 | 226 | 180 | 7 |
|----------------------------------|-----------|------|-----|-----|---|

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