

Bacteria Report - Total Enterococcus

Sampling Period 04/01/19 - 06/21/19

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
<u>Tributary</u>	Site: Name					
Fresh water sites		EPA Fresh Water Standards for Swimming		185	100	
Broadkill River						
<u>Beaverdam Creek</u>	BR55: Beaverdam Creek at Road 88	6/12/2019	10:24	221	90	4
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	6/12/2019	10:40	5	10	4
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	6/12/2019	11:10	20	13	3
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	6/12/2019	10:30	987	981	3
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	6/11/2019	8:02	63	19	4
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	6/10/2019	8:30	3,654	347	4
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock.	6/12/2019	8:40	5	8	4
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	6/12/2019	6:25	20	19	4
<u>Canary Creek</u>	BR19: Canary Creek at New Road	6/12/2019	11:20	471	148	3
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	6/12/2019	8:28	10	12	4
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	6/12/2019	10:02	216	120	4
Delaware Bay						
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	6/19/2019	8:50	5	6	6
Indian River						
<u>Indian River</u>	IR02a: Rosedale crabbing pier	6/10/2019	9:37	86	24	4
<u>Indian River</u>	IR03: Oak Orchard	6/11/2019	8:25	278	68	4
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	6/10/2019	10:15	41	13	4
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	6/10/2019	8:35	10,462	2064	3
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	6/11/2019	7:50	1,034	61	4
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	6/11/2019	10:18	86	466	4
<u>Vines Creek</u>	IR38: Vines Lane	6/11/2019	8:30	63	212	5
Little Assawoman Bay						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	6/11/2019	7:01	41	19	4
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	6/11/2019	8:08	882	2270	4
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	6/11/2019	6:05	860	761	4
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	6/11/2019	7:38	663	298	4
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	6/11/2019	7:34	839	897	4
<u>Jefferson Creek</u>	SB06: Brandywine Canal	6/11/2019	7:30	206	207	4
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	6/11/2019	7:15	10	112	4
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	6/11/2019	7:30	132	29	4
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	6/11/2019	7:46	74	16	4
Rehoboth Bay						

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>	Site: Name					
Tidal water sites				EPA Tidal Water Standards for Swimming	104	35
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	6/10/2019	7:58	565	270	4
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	6/10/2019	8:18	1,624	889	4
<u>Herring Creek</u>	RB90: Burton Prong	6/10/2019	9:20	2,282	235	4
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	6/12/2019	11:37	5	Insufficient data	2
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	6/12/2019	8:30	63	86	4

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.