

Bacteria Report - Total Enterococcus

Sampling Period 4/1/16 - 6/1/16

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	Site: Name	Last Sample Date	Time	Last Sample (Colonies per 100 mL)	Geometric mean (Colonies per 100 mL)	Sample Total
Fresh water sites				EPA Fresh Water Standards for Swimming	185	100
Broadkill River						
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	5/25/2016	6:45	1,727	121	3
Dirickson Pond						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	5/24/2016	8:15	10	18	3
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	5/24/2016	7:54	199	119	3
Tidal water sites				EPA Tidal Water Standards for Swimming	104	35
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock.	5/25/2016	8:45	20	10	3
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	5/25/2016	6:30	5,172	285	3
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	5/25/2016	11:25	96	80	3
<u>Prime Hook Creek</u>	BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	5/25/2016	11:00	388	68	3
Delaware Bay						
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	5/31/2016	7:19	30	14	3
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	5/31/2016	8:53	5	5	3
Indian River						
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	5/26/2016	10:15	5	6	3
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	5/26/2016	9:30	216	126	3
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	5/24/2016	8:25	41	10	3
<u>Vines Creek</u>	IR38: Vines Lane	5/24/2016	8:00	110	78	3
Little Assawoman Bay						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	5/26/2016	8:45	5	8	3
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	5/24/2016	7:30	816	233	3
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	5/24/2016	6:35	305	40	3
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	5/24/2016	7:40	669	115	3
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	5/24/2016	7:28	472	46	3
<u>Jefferson Creek</u>	SB06: Brandywine Canal	5/24/2016	7:32	2,755	82	3
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	5/24/2016	6:58	31	9	3
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	5/24/2016	9:10	30	9	3
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	5/24/2016	8:10	85	24	3
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	5/24/2016	7:25	1,291	552	3
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	5/24/2016	7:42	1,299	495	3
<u>Herring Creek</u>	RB90: Burton Prong	5/24/2016	9:20	262	190	3
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	5/26/2016	10:45	20	18	3

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.