

Bacteria Report - Total Enterococcus

Sampling Period 4/1/15 - 8/6/15

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	7/29/2015	10:48	5	17	7
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	7/29/2015	8:40	10	32	3
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	7/29/2015	9:00	96	380	6
Dirickson Pond						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	7/28/2015	8:30	5	12	7
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	7/27/2015	8:59	15,531	929	7
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock.	7/29/2015	8:50	10	7	7
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	7/29/2015	6:15	121	93	7
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	7/29/2015	11:48	419	313	7
<u>Prime Hook Creek</u>	BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	7/29/2015	11:18	134	176	7
Delaware Bay						
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	7/29/2015	7:01	5	17	7
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	7/28/2015	8:51	86	7	9
Indian River						
<u>Indian River</u>	IR04: Warwick Cove	7/27/2015	9:50	52	8	6
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	7/27/2015	10:30	5	8	7
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	7/27/2015	9:25	24,192	516	7
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	7/28/2015	7:45	10	23	3
<u>Vines Creek</u>	IR38: Vines Lane	7/28/2015	7:45	5	30	7
<u>White Creek</u>	IR32: Holly Terrace Acres Canal Dead End, White Creek	7/27/2015	8:10	158	58	4
Little Assawoman Bay						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	7/27/2015	7:01	10	14	7
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	7/27/2015	7:43	30	214	7
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	7/27/2015	6:19	717	553	6
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	7/28/2015	8:10	161	191	7
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	7/28/2015	8:04	74	59	7
<u>Jefferson Creek</u>	SB06: Brandywine Canal	7/28/2015	7:55	571	109	7
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	7/28/2015	7:26	20	21	7
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	7/28/2015	9:15	20	18	7
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	7/28/2015	7:57	10	8	7
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	7/27/2015	8:15	6,867	975	7

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>	RB06A: Guinea Creek @ Rd 298 Bridge			7/27/2015	8:48	19,863	1952	7
<u>Herring Creek</u>	RB90: Burton Prong			7/27/2015	9:30	1,597	344	7
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge			7/28/2015	11:24	663	103	7

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.