

Bacteria Report - Total Enterococcus

Sampling Period 4/1/16 - 9/1/16

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		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>Diamond Pond</u>	BR48: Diamond Pond at Spillway	8/24/2016	11:15	10	41	9
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	8/24/2016	11:25	5	15	6
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	8/24/2016	9:30	5	Insufficient data	2
Dirickson Pond						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	8/23/2016	9:11	10	9	8
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	8/23/2016	8:05	4,161	857	9
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock.	8/24/2016	9:00	10	16	9
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	8/24/2016	6:15	10	134	9
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	8/24/2016	11:05	223	198	9
<u>Prime Hook Creek</u>	BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	8/24/2016	10:40	591	134	7
Delaware Bay						
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	8/23/2016	6:41	410	77	9
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	8/23/2016	9:02	5	6	8
Indian River						
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	8/23/2016	10:20	10	11	9
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	8/23/2016	11:00	395	169	9
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	8/23/2016	7:45	5	11	9
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	8/23/2016	7:50	63	107	5
<u>Vines Creek</u>	IR38: Vines Lane	8/23/2016	7:45	160	93	9
Little Assawoman Bay						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	8/23/2016	7:21	10	14	8
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	8/23/2016	7:51	253	209	9
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	8/23/2016	6:38	3,255	496	9
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	8/23/2016	7:45	536	174	9
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	8/23/2016	7:53	52	81	9
<u>Jefferson Creek</u>	SB06: Brandywine Canal	8/23/2016	7:54	10	81	9
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	8/23/2016	8:14	10	11	9
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	8/23/2016	9:41	10	17	9
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	8/23/2016	7:44	5	14	9
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	8/23/2016	7:27	10	324	9

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<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	8/23/2016	7:51	990	1306	9
<u>Herring Creek</u>	RB90: Burton Prong	8/23/2016	9:00	539	403	9
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	8/23/2016	9:05	121	82	9

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