

Bacteria Report - Total Enterococcus

Sampling Period 4/1/19 - 5/31/19

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	5/22/2019	10:46	185	67	3
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	5/22/2019	8:30	5	13	3
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	5/22/2019	11:27	20	Insufficient data	2
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	5/22/2019	10:00	233	Insufficient data	2
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	5/21/2019	8:30	10	13	3
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	5/21/2019	8:30	132	158	3
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock.	5/22/2019	9:15	5	9	3
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	5/22/2019	6:20	63	18	3
<u>Canary Creek</u>	BR19: Canary Creek at New Road	5/22/2019	11:44	109	Insufficient data	2
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	5/28/2019	8:27	20	13	3
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	5/22/2019	10:24	173	99	3
Delaware Bay						
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	5/30/2019	8:12	5	6	5
Indian River						
<u>Indian River</u>	IR02a: Rosedale crabbing pier	5/21/2019	11:40	10	16	3
<u>Indian River</u>	IR03: Oak Orchard	5/21/2019	7:35	63	42	3
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	5/30/2019	8:35	5	9	3
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	5/6/2019	9:18	488	Insufficient data	2
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	5/22/2019	7:55	85	24	3
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	5/21/2019	7:30	6,867	818	3
<u>Vines Creek</u>	IR38: Vines Lane	5/21/2019	8:15	1,515	287	4
Little Assawoman Bay						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	5/21/2019	7:13	5	15	3
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	5/21/2019	8:05	1,014	3110	3
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	5/21/2019	6:37	1,935	730	3
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	5/14/2019	7:55	404	228	3
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	5/14/2019	7:47	411	917	3
<u>Jefferson Creek</u>	SB06: Brandywine Canal	5/14/2019	7:40	305	207	3
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	5/14/2019	7:10	529	250	3
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	5/21/2019	9:30	52	17	3
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	5/21/2019	8:05	20	10	3
Rehoboth Bay						

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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>	RB06: Guinea Creek (Winding Creek Village)	5/21/2019	7:57	226	211	3
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	5/21/2019	8:18	520	727	3
<u>Herring Creek</u>	RB90: Burton Prong	5/21/2019	9:00	389	110	3
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	5/22/2019	12:00	10	Insufficient data	1
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	5/21/2019	9:43	41	95	3

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