

Bacteria Report - Total Enterococcus

Sampling Period 04/01/19 - 07/19/19

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	7/10/2019	11:05	1,050	193	6
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	7/10/2019	11:25	10	9	6
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	7/10/2019	11:55	20	11	5
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	7/10/2019	12:00	613	1066	5
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	7/8/2019	8:05	5	14	5
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	7/8/2019	8:10	650	375	6
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock.	7/10/2019	8:50	20	10	6
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	7/10/2019	6:30	168	37	6
<u>Canary Creek</u>	BR19: Canary Creek at New Road	7/10/2019	12:10	384	227	5
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	7/9/2019	10:01	96	16	6
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	7/10/2019	10:17	1,334	244	6
Delaware Bay						
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	6/26/2019	8:56	5	6	7
Indian River						
<u>Indian River</u>	IR02a: Rosedale crabbing pier	7/8/2019	9:10	30	22	6
<u>Indian River</u>	IR03: Oak Orchard	7/8/2019	8:50	120	88	6
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	7/8/2019	10:10	5	10	6
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	7/8/2019	8:42	4,611	2207	5
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	7/9/2019	7:38	285	58	6
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	7/9/2019	8:01	20	Insufficient data	2
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	7/9/2019	7:10	20	Insufficient data	2
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	7/9/2019	8:40	10	Insufficient data	2
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	6/25/2019	9:15	84	Insufficient data	1
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	7/9/2019	8:00	201	270	6
<u>Vines Creek</u>	IR38: Vines Lane	7/9/2019	8:00	148	165	7
Little Assawoman Bay						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	7/9/2019	7:05	20	17	6
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	7/9/2019	7:28	241	942	6
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	7/9/2019	6:15	4,611	943	6
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	7/9/2019	8:15	74	196	6
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	7/9/2019	8:25	20	655	6
<u>Jefferson Creek</u>	SB06: Brandywine Canal	7/9/2019	8:30	120	150	6

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<u>Tributary</u>	Site: Name					

Tidal water sites

EPA Tidal Water Standards for Swimming

104

35

Little Assawoman Bay

<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	7/9/2019	8:40	10	56	6
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	7/9/2019	7:30	20	25	6
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	7/9/2019	7:50	10	17	6
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	7/9/2019	7:28	10	Insufficient data	2

Rehoboth Bay

<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	7/8/2019	7:40	262	282	6
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	7/8/2019	7:59	3,076	1266	6
<u>Herring Creek</u>	RB90: Burton Prong	7/8/2019	8:50	2,143	397	6
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	7/10/2019	12:25	41	12	4
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	7/11/2019	8:43	86	99	6
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	7/9/2019	6:45	31	Insufficient data	2
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	7/9/2019	6:55	109	Insufficient data	2
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Boat Ramp	7/9/2019	7:05	84	Insufficient data	2
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	7/9/2019	9:05	5	Insufficient data	2

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