

Bacteria Report - Total Enterococcus

Sampling Period: 4/1/21 - 5/28/21

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>	<u>Site: Name</u>					
Fresh water sites		EPA Fresh Water Standards for Swimming		185	100	
Broadkill River						
<u>Beaverdam Creek</u>	BR55: Beaverdam Creek at Road 88	5/26/2021	11:22	109	32	3
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	5/26/2021	8:30	5	8	3
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	5/26/2021	11:35	41	13	3
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	5/26/2021	14:30	4,884	Insufficient data	2
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	5/25/2021	8:00	5	10	3
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	5/24/2021	8:40	1,723	166	3
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock	5/27/2021	8:50	10	6	3
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	5/26/2021	5:50	110	36	3
<u>Canary Creek</u>	BR19: Canary Creek at New Road	5/26/2021	11:45	63	47	3
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd.	5/26/2021	11:55	5	Insufficient data	2
Delaware Bay						
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	5/25/2021	8:04	20	8	3
Indian River						
<u>Indian River</u>	IR02A: Rosedale crabbing pier	5/24/2021	9:29	41	26	3
<u>Indian River</u>	IR03: Oak Orchard	5/24/2021	9:10	85	67	3
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	5/24/2021	10:27	10	10	3
<u>Indian River</u>	IR26a: Peterson's pier, Possum Point	5/24/2021	9:53	75	78	3
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	5/25/2021	7:53	63	15	3
<u>Indian River</u>	IR39: North side of Inlet at Wheelchair fishing platform under new bridge.	4/13/2021	10:57	5	Insufficient data	1
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	5/25/2021	8:45	63	55	3
<u>Vines Creek</u>	IR38: Vines Lane	5/25/2021	8:20	63	34	3
Little Assawoman Bay						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	5/24/2021	8:58	41	13	3
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	5/24/2021	8:28	269	188	3
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	5/25/2021	7:39	109	52	3
<u>Jefferson Creek</u>	SB04: Petherton canal at Rt1	5/25/2021	7:43	160	89	3
<u>Jefferson Creek</u>	SB06: Brandywine Canal	5/25/2021	7:48	213	35	3
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	5/25/2021	8:03	20	8	3
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	5/25/2021	7:30	41	16	3
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	5/25/2021	9:05	5	8	3

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Watershed		Last Sample Date	Time	Last Sample (Colonies per 100 mL)	Geometric mean (Colonies per 100 mL)	Sample Total
<u>Tributary</u>	<u>Site: Name</u>					
<u>Tidal water sites</u>			<u>EPA Tidal Water Standards for Swimming</u>	<u>104</u>	<u>35</u>	
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	5/24/2021	8:09	122	132	3
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	5/24/2021	8:29	374	396	3
<u>Herring Creek</u>	RB90: Burton Prong	5/24/2021	8:30	878	670	3
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	5/25/2021	11:24	275	66	3

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