

Bacteria Report - Total Enterococcus

Sampling Period: 4/1/21 - 6/12/21

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	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>Beaverdam Creek</u>	BR55: Beaverdam Creek at Road 88	6/9/2021	9:40	529	65	4
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	6/9/2021	8:00	5	7	4
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	6/9/2021	9:50	20	14	4
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	6/9/2021	10:00	25,000	3479	3
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	6/8/2021	8:05	10	10	4
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	6/7/2021	8:06	246	183	4
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock	6/9/2021	8:50	5	6	4
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	6/9/2021	6:30	262	59	4
<u>Canary Creek</u>	BR19: Canary Creek at New Road	6/9/2021	10:08	738	93	4
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd.	6/9/2021	10:16	5	8	3
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	6/7/2021	9:02	20	24	4
<u>Indian River</u>	IR03: Oak Orchard	6/7/2021	9:00	10	41	4
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	6/7/2021	10:00	5	8	4
<u>Indian River</u>	IR26a: Peterson's pier, Possum Point	6/7/2021	8:35	246	104	4
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	6/8/2021	7:50	86	23	4
<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>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	6/9/2021	7:21	20	Insufficient data	1
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	6/9/2021	6:36	135	Insufficient data	1
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	6/9/2021	7:55	52	Insufficient data	1
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	6/9/2021	7:08	62	Insufficient data	1
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	6/8/2021	8:00	63	57	4
<u>Vines Creek</u>	IR38: Vines Lane	6/8/2021	8:20	5	21	4
Little Assawoman Bay						
<u>Assawoman Canal</u>	LA10: Assawoman Canal S end, Kent Ave Bridge	6/7/2021	8:36	41	Insufficient data	1
<u>Dirickson Creek</u>	LA03: Mulberry Landing	6/7/2021	8:42	30	16	4
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	6/7/2021	8:15	393	226	4
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	6/8/2021	7:44	51	51	4

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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>	
Little Assawoman Bay						
<u>Jefferson Creek</u>	SB04: Petherton canal at Rt1	6/8/2021	7:35	120	96	4
<u>Jefferson Creek</u>	SB06: Brandywine Canal	6/8/2021	7:25	84	43	4
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	6/8/2021	7:12	98	15	4
<u>Little Assawoman Bay</u>	LA42: Narrows Beach, off of Rt. 1 south of South Bethany knee deep wading sample.	6/2/2021	8:37	20	Insufficient data	1
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	6/8/2021	7:45	5	12	4
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	6/8/2021	9:45	10	8	4
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	6/7/2021	8:10	121	Insufficient data	1
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	6/7/2021	7:37	959	216	4
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	6/7/2021	7:55	1,246	527	4
<u>Herring Creek</u>	RB90: Burton Prong	6/7/2021	8:35	305	550	4
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	6/8/2021	9:01	171	84	4
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	6/9/2021	6:15	336	Insufficient data	1
<u>Rehoboth Bay</u>	RB44: Camp Arrowhead (camp pier)	6/2/2021	11:00	10	Insufficient data	1
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Kayak Ramp	6/9/2021	6:28	269	Insufficient data	1
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	6/9/2021	8:28	457	Insufficient data	1

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