

Bacteria Report - Total Enterococcus

Sampling Period: 4/1/23 - 5/31/23

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	5/24/2023	10:30	121	46	3
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	5/24/2023	7:30	5	Insufficient data	2
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	5/24/2023	11:26	20	10	3
<u>Wagamon's Pond</u>	BR41: Wagamon's Pond Outlet	5/24/2023	10:20	134	19	3
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	5/25/2023	13:00	2,909	Insufficient data	1
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	5/23/2023	8:00	5	8	3
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	5/22/2023	8:25	384	548	3
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
Atlantic Ocean						
	RWPM81: Herring Point, CHSP	5/10/2023	10:35	5	5	5
	RWPMVI: N Indian River Inlet	5/10/2023	15:00	5	5	4
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock	5/24/2023	8:49	31	12	3
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	5/24/2023	6:30	110	31	3
Delaware Bay						
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	5/22/2023	8:47	10	Insufficient data	2
Indian River						
<u>Indian River</u>	IR02A: Rosedale crabbing pier	5/23/2023	9:31	41	13	3
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	5/22/2023	9:52	10	6	3
<u>Indian River</u>	IR26a: Peterson's pier, Possum Point	5/23/2023	9:06	235	87	3
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	5/23/2023	8:02	121	49	3
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	5/30/2023	10:40	10	Insufficient data	1
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	5/30/2023	11:33	5	Insufficient data	1
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	5/30/2023	8:15	31	Insufficient data	1
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	5/30/2023	10:10	52	Insufficient data	1
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	5/23/2023	8:55	31	29	3
<u>Vines Creek</u>	IR38: Vines Lane	5/23/2023	8:00	86	48	3
Little Assawoman Bay						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	5/22/2023	8:10	5	5	3
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge	5/22/2023	8:47	51	50	3
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	5/23/2023	7:31	63	66	3
<u>Jefferson Creek</u>	SB04: Petherton canal at Rt1	5/23/2023	7:36	41	23	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>	
Little Assawoman Bay						
<u>Jefferson Creek</u>	SB06: Brandywine Canal	5/23/2023	7:43	30	14	3
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	5/23/2023	7:19	269	24	3
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	5/23/2023	8:40	10	73	3
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	5/23/2023	7:49	5	15	3
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	5/30/2023	11:10	20	Insufficient data	1
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	5/22/2023	7:56	663	63	3
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	5/22/2023	8:14	771	177	3
<u>Herring Creek</u>	RB90: Burton Prong	5/22/2023	9:00	86	112	3
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	5/24/2023	10:02	41	Insufficient data	1
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	5/22/2023	9:30	74	31	3
<u>Rehoboth Bay</u>	RB07: West Bay Park	5/23/2023	9:15	10	10	3
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	5/30/2023	9:31	62	Insufficient data	1
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	5/30/2023	9:41	197	Insufficient data	1
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Kayak Ramp	5/30/2023	11:47	86	Insufficient data	1
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	5/30/2023	8:50	5	Insufficient data	1

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