

Bacteria Report - Total Enterococcus

Sampling Period: 04/01/24 - 04/30/24

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	4/17/2024	11:16	41	Insufficient data	1
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	4/17/2024	11:38	10	Insufficient data	1
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	4/17/2024	12:22	10	Insufficient data	1
<u>Wagamon's Pond</u>	BR41: Wagamon's Pond Outlet	4/17/2024	11:54	10	Insufficient data	1
Indian River						
	PING: Ingrams Pond	4/15/2024	8:00	20	Insufficient data	1
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	4/16/2024	8:00	5	Insufficient data	1
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	4/15/2024	8:20	74	Insufficient data	1
Rehoboth Beach						
<u>Lake Comegys</u>	RL03: Lake Comegys, dock at Lake Comegys Community	4/23/2024	9:35	10	Insufficient data	1
<u>Lake Gerar</u>	RL10: Lake Gerar bridge	4/23/2024	11:15	20	Insufficient data	1
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	4/23/2024	11:24	10	Insufficient data	1
<u>Silver Lake</u>	RL01: Silver Lake, Lake Drive Bridge	4/23/2024	10:57	10	Insufficient data	1
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	4/23/2024	10:20	10	Insufficient data	1
<u>Silver Lake</u>	RL05: Gaspard's dock, near outlet	4/23/2024	10:39	30	Insufficient data	1
Tidal water sites						
				EPA Tidal Water Standards for Swimming	104	35
Atlantic Ocean						
	RWPM81: Herring Point, CHSP	4/23/2024	7:35	5	14	3
	RWPMVI: N Indian River Inlet	4/30/2024	14:00	5	7	5
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock	4/22/2024	10:10	10	Insufficient data	1
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	4/17/2024	6:30	10	Insufficient data	1
Indian River						
<u>Indian River</u>	IR02A: Rosedale crabbing pier	4/16/2024	10:00	5	Insufficient data	1
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	4/15/2024	10:40	20	Insufficient data	1
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	4/16/2024	7:50	63	Insufficient data	1
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	4/16/2024	10:40	10	Insufficient data	1
<u>Vines Creek</u>	IR38: Vines Lane	4/16/2024	9:00	31	Insufficient data	1
Little Assawoman Bay						
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge	4/15/2024	8:52	84	Insufficient data	1
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	4/16/2024	7:55	10	Insufficient data	1
<u>Jefferson Creek</u>	SB02: Anchorage Canal near elbow	4/16/2024	8:15	31	Insufficient data	1

Please note that this report is for general information only. The Inland Bays and Broadkill River are under a permanent advisory for recreational contact, in particular after heavy rains.

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	4/16/2024	7:46	5	Insufficient data	1
<u>Jefferson Creek</u>	SB05: Petherton canal, between lots 156 and 162	4/16/2024	8:05	20	Insufficient data	1
<u>Jefferson Creek</u>	SB06: Brandywine Canal	4/16/2024	7:40	5	Insufficient data	1
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	4/16/2024	7:25	5	Insufficient data	1
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	4/16/2024	8:58	5	Insufficient data	1
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	4/16/2024	7:58	5	Insufficient data	1
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	4/15/2024	7:49	31	Insufficient data	1
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	4/15/2024	8:09	20	Insufficient data	1
<u>Herring Creek</u>	RB90: Burton Prong	4/15/2024	8:45	10	Insufficient data	1
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	4/23/2024	9:32	10	Insufficient data	1
<u>Rehoboth Bay</u>	RB07: West Bay Park	4/23/2024	9:10	5	Insufficient data	1

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