

# Bacteria Report - Total Enterococcus

Sampling Period: 04/01/24 - 05/31/24

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		Last Sample Date	Time	Last Sample (Colonies per 100 mL)	Geometric mean (Colonies per 100 mL)	Sample Total
Tributary	Site: Name					
<b>Fresh water sites</b>		<b><u>EPA Fresh Water Standards for Swimming</u></b>		<b><u>185</u></b>	<b><u>100</u></b>	
<b>Broadkill River</b>						
<u>Beaverdam Creek</u>	BR55: Beaverdam Creek at Road 88	5/22/2024	10:25	98	95	3
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	5/22/2024	7:45	5	6	3
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	5/22/2024	11:15	31	12	3
<u>Wagamon's Pond</u>	BR41: Wagamon's Pond Outlet	5/22/2024	10:42	5	8	3
<b>Indian River</b>						
	PING: Ingrams Pond	5/20/2024	7:00	10	16	3
<b>Little Assawoman Bay</b>						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	5/21/2024	8:05	5	6	3
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	5/20/2024	8:19	299	180	3
<b>Rehoboth Beach</b>						
<u>Lake Comegys</u>	RL03: Lake Comegys, dock at Lake Comegys Community	5/22/2024	7:45	84	63	3
<u>Lake Gerar</u>	RL10: Lake Gerar bridge	5/22/2024	8:56	107	79	3
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	5/22/2024	9:06	30	31	3
<u>Silver Lake</u>	RL01: Silver Lake, Lake Drive Bridge	5/22/2024	8:42	73	48	3
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	5/22/2024	8:15	110	99	3
<u>Silver Lake</u>	RL05: Gaspard's dock, near outlet	5/22/2024	8:20	20	57	3
<b>Tidal water sites</b>		<b><u>EPA Tidal Water Standards for Swimming</u></b>		<b><u>104</u></b>	<b><u>35</u></b>	
<b>Assawoman Bay</b>						
<u>Assawoman Bay</u>	RWPMXXX: Summertime Park	5/21/2024	9:30	5	Insufficient data	1
<b>Atlantic Ocean</b>						
	RWPM81: Herring Point, CHSP	5/16/2024	7:00	10	11	5
	RWPMVI: N Indian River Inlet	5/22/2024	14:00	5	6	7
<b>Broadkill River</b>						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock	5/22/2024	9:28	5	6	3
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	5/22/2024	6:00	52	40	3
<b>Indian River</b>						
<u>Indian River</u>	IR02A: Rosedale crabbing pier	5/21/2024	7:35	20	10	3
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	5/20/2024	10:15	10	13	3
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	5/21/2024	8:08	5	18	3
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	5/21/2024	10:05	10	Insufficient data	1
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	5/21/2024	11:05	5	Insufficient data	1
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	5/21/2024	7:48	10	Insufficient data	1
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	5/21/2024	10:30	20	Insufficient data	1

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<b>Watershed</b>		<b>Last Sample Date</b>	<b>Time</b>	<b>Last Sample (Colonies per 100 mL)</b>	<b>Geometric mean (Colonies per 100 mL)</b>	<b>Sample Total</b>
<u>Tributary</u>	<u>Site: Name</u>					
<b>Tidal water sites</b>				<b>EPA Tidal Water Standards for Swimming</b>	<b>104</b>	<b>35</b>
<b>Indian River</b>						
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	5/21/2024	9:35	20	16	3
<u>Vines Creek</u>	IR38: Vines Lane	5/21/2024	8:00	10	15	3
<b>Little Assawoman Bay</b>						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	5/20/2024	8:15	10	Insufficient data	2
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge	5/20/2024	8:46	41	63	3
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	5/21/2024	7:30	72	155	3
<u>Jefferson Creek</u>	SB02: Anchorage Canal near elbow	5/21/2024	8:07	52	174	3
<u>Jefferson Creek</u>	SB04: Petherton canal at Rt1	5/21/2024	7:39	41	126	3
<u>Jefferson Creek</u>	SB05: Petherton canal, between lots 156 and 162	5/21/2024	7:56	20	95	3
<u>Jefferson Creek</u>	SB06: Brandywine Canal	5/21/2024	7:45	20	66	3
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	5/21/2024	7:16	10	47	3
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	5/21/2024	8:35	10	8	3
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	5/21/2024	8:06	10	26	3
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	5/20/2024	7:50	379	177	3
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	5/20/2024	8:08	677	219	3
<u>Herring Creek</u>	RB90: Burton Prong	5/20/2024	9:50	122	51	3
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	5/22/2024	10:04	5	Insufficient data	2
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	5/23/2024	8:35	73	55	3
<u>Rehoboth Bay</u>	RB07: West Bay Park	5/21/2024	10:45	5	5	3
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	5/21/2024	9:00	95	Insufficient data	1
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	5/22/2024	7:00	691	Insufficient data	2
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Kayak Ramp	5/21/2024	11:27	63	Insufficient data	1
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	5/29/2024	14:00	5	Insufficient data	2

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