

# Bacteria Report - Total Enterococcus

Sampling Period: 04/01/24 - 07/01/24

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	6/27/2024	11:10	1,112	198	5
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	6/27/2024	7:00	5	7	5
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	6/27/2024	11:58	5	10	5
<u>Wagamon's Pond</u>	BR41: Wagamon's Pond Outlet	6/27/2024	11:34	5	9	5
<b>Indian River</b>						
	PING: Ingrams Pond	6/24/2024	7:30	30	16	5
<b>Little Assawoman Bay</b>						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	6/25/2024	7:56	10	9	5
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	6/24/2024	8:18	2,755	519	5
<b>Rehoboth Beach</b>						
<u>Lake Comegys</u>	RL03: Lake Comegys, dock at Lake Comegys Community	6/26/2024	7:48	41	40	5
<u>Lake Gerar</u>	RL10: Lake Gerar bridge	6/26/2024	8:41	52	77	5
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	6/26/2024	8:54	63	46	5
<u>Silver Lake</u>	RL01: Silver Lake, Lake Drive Bridge	6/26/2024	8:31	52	62	5
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	6/26/2024	8:10	2,187	374	5
<u>Silver Lake</u>	RL05: Gaspard's dock, near outlet	6/26/2024	8:18	262	93	5
<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	7/1/2024	9:30	5	6	5
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	6/27/2024	6:00	209	56	5
<b>Indian River</b>						
<u>Indian River</u>	IR02A: Rosedale crabbing pier	6/25/2024	8:50	20	17	5
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	6/24/2024	10:22	31	13	5
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	6/25/2024	6:36	282	51	5
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	6/25/2024	11:03	148	19	3
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	6/25/2024	12:03	20	8	3
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	6/25/2024	8:15	5	6	3
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	6/25/2024	11:36	52	35	3

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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>104</b>	<b>35</b>	
<b>Indian River</b>						
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	6/25/2024	8:00	52	21	5
<u>Vines Creek</u>	IR38: Vines Lane	6/25/2024	8:00	364	45	5
<b>Little Assawoman Bay</b>						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	6/24/2024	8:30	20	14	4
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge	6/24/2024	8:50	663	133	5
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	6/25/2024	7:31	31	257	5
<u>Jefferson Creek</u>	SB02: Anchorage Canal near elbow	6/25/2024	8:06	20	103	5
<u>Jefferson Creek</u>	SB04: Petherton canal at Rt1	6/25/2024	7:39	168	203	5
<u>Jefferson Creek</u>	SB05: Petherton canal, between lots 156 and 162	6/25/2024	7:56	41	76	5
<u>Jefferson Creek</u>	SB06: Brandywine Canal	6/25/2024	7:45	107	79	5
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	6/25/2024	7:19	10	39	5
<u>Little Assawoman Bay</u>	LA42: Narrows Beach, off of Rt. 1 south of South Bethany knee deep wading sample.	6/26/2024	12:15	20	Insufficient data	1
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	6/25/2024	8:40	5	12	5
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	6/25/2024	8:32	5	24	5
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	6/25/2024	10:35	31	Insufficient data	2
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	6/24/2024	7:42	393	227	5
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	6/24/2024	8:06	8,664	942	5
<u>Herring Creek</u>	RB90: Burton Prong	6/24/2024	8:50	2,046	142	5
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	6/27/2024	7:08	223	15	4
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	6/24/2024	9:50	670	114	5
<u>Rehoboth Bay</u>	RB07: West Bay Park	6/25/2024	10:25	5	7	5
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	6/25/2024	9:55	86	93	3
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	6/26/2024	7:30	19,863	519	6
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Kayak Ramp	6/25/2024	12:21	41	30	3
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	6/26/2024	8:00	10	8	6

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