

# Bacteria Report - Total Enterococcus

Sampling Period: 4/1/23 - 8/16/23

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.

<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>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	8/9/2023	11:05	882	252	8
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	8/9/2023	7:45	10	6	7
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	8/9/2023	11:05	52	20	8
<u>Wagamon's Pond</u>	BR41: Wagamon's Pond Outlet	8/9/2023	11:25	5	23	8
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	8/8/2023	13:30	345	5004	4
<b>Indian River</b>						
	PING: Ingrams Pond	8/8/2023	8:00	10	Insufficient data	2
<b>Little Assawoman Bay</b>						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	8/8/2023	8:01	246	12	8
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	8/8/2023	8:35	5,172	963	8
<b>Rehoboth Beach</b>						
<u>Lake Comegys</u>	RL03: Lake Comegys, dock at Lake Comegys Community	8/9/2023	7:30	199	321	3
<u>Lake Gerar</u>	RL10: Lake Gerar bridge	8/9/2023	8:30	41	58	5
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	8/9/2023	8:47	63	116	5
<u>Silver Lake</u>	RL01: Silver Lake, Lake Drive Bridge	8/9/2023	8:18	173	302	5
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	8/9/2023	7:54	960	914	5
<u>Silver Lake</u>	RL05: Gaspard's dock, near outlet	8/9/2023	8:01	143	Insufficient data	1
<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	8/8/2023	10:40	201	Insufficient data	1
<b>Atlantic Ocean</b>						
	RWPM81: Herring Point, CHSP	5/17/2023	15:10	5	5	6
	RWPMVI: N Indian River Inlet	5/17/2023	14:00	10	6	5
<b>Broadkill River</b>						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock	8/9/2023	8:49	20	14	8
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	8/9/2023	6:30	63	83	9
<b>Delaware Bay</b>						
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	7/20/2023	8:30	10	7	4
<b>Indian River</b>						
<u>Assawoman Canal</u>	IR50: Assawoman Canal at N end, Ocean View Marina	7/25/2023	9:00	41	50	3
<u>Indian River</u>	IR02A: Rosedale crabbing pier	8/8/2023	8:45	130	22	8
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	8/7/2023	10:27	20	17	8
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	8/7/2023	9:45	7,701	Insufficient data	1

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Watershed		Last Sample Date	Time	Last Sample (Colonies per 100 mL)	Geometric mean (Colonies per 100 mL)	Sample Total
Tributary	Site: Name					
<b>Tidal water sites</b>		<b>EPA Tidal Water Standards for Swimming</b>		<b>104</b>	<b>35</b>	
<b>Indian River</b>						
<u>Indian River</u>	IR26a: Peterson's pier, Possum Point	8/8/2023	8:15	19,863	406	8
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	8/8/2023	7:55	74	68	8
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	8/15/2023	10:07	10	19	10
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	8/15/2023	9:20	5	7	10
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	8/15/2023	12:40	20	24	10
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	8/15/2023	9:35	86	63	10
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	8/8/2023	8:00	3,873	116	8
<u>Vines Creek</u>	IR38: Vines Lane	8/8/2023	9:17	5,794	93	8
<b>Little Assawoman Bay</b>						
<u>Assawoman Canal</u>	LA10: Assawoman Canal S end, Kent Ave Bridge	7/25/2023	8:40	359	103	5
<u>Dirickson Creek</u>	LA03: Mulberry Landing	8/7/2023	8:40	181	12	8
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge	8/7/2023	8:45	189	173	8
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	8/8/2023	7:40	6,867	151	8
<u>Jefferson Creek</u>	SB02: Anchorage Canal near elbow	8/8/2023	8:20	4,611	Insufficient data	2
<u>Jefferson Creek</u>	SB04: Petherton canal at Rt1	8/8/2023	7:47	15,531	156	8
<u>Jefferson Creek</u>	SB05: Petherton canal, between lots 156 and 162	8/8/2023	8:07	6,488	Insufficient data	2
<u>Jefferson Creek</u>	SB06: Brandywine Canal	8/8/2023	7:57	25,000	72	8
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	8/8/2023	7:30	10,462	52	8
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	8/8/2023	8:45	573	59	8
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	7/25/2023	7:53	20	21	7
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	8/15/2023	10:51	448	43	10
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	8/8/2023	8:04	11,199	610	8
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	8/8/2023	8:23	24,192	1981	8
<u>Herring Creek</u>	RB90: Burton Prong	8/7/2023	9:30	359	280	8
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	8/9/2023	10:43	86	54	6
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	8/7/2023	9:50	373	139	8
<u>Rehoboth Bay</u>	RB07: West Bay Park	8/8/2023	8:30	52	29	8
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	8/15/2023	8:45	75	122	10
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	8/16/2023	10:05	95	223	14
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Kayak Ramp	8/15/2023	11:07	52	59	10
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	8/15/2023	12:07	5	13	18

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