

# Bacteria Report - Total Enterococcus

Sampling Period: 4/1/24 - 8/15/24

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>EPA Fresh Water Standards for Swimming</b>		<b>185</b>	<b>100</b>	
<b>Broadkill River</b>						
<u>Beaverdam Creek</u>	BR55: Beaverdam Creek at Road 88	8/7/2024	9:35	1,935	410	8
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	8/7/2024	9:55	5	11	8
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	8/7/2024	10:42	5	13	8
<u>Wagamon's Pond</u>	BR41: Wagamon's Pond Outlet	8/7/2024	10:08	5	14	8
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	7/25/2024	11:30	1,989	Insufficient data	1
<b>Indian River</b>						
	PING: Ingrams Pond	8/5/2024	8:00	20	16	8
<b>Little Assawoman Bay</b>						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	8/6/2024	7:45	20	11	8
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	8/5/2024	8:36	855	1073	8
<b>Rehoboth Beach</b>						
<u>Lake Comegys</u>	RL03: Lake Comegys, dock at Lake Comegys Community	8/7/2024	8:19	171	76	8
<u>Lake Gerar</u>	RL10: Lake Gerar bridge	8/7/2024	9:14	96	71	8
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	8/7/2024	9:24	97	68	8
<u>Silver Lake</u>	RL01: Silver Lake, Lake Drive Bridge	8/7/2024	8:58	480	91	8
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	8/7/2024	8:38	933	439	8
<u>Silver Lake</u>	RL05: Gaspard's dock, near outlet	8/7/2024	8:45	135	106	8
<b>Tidal water sites</b>		<b>EPA Tidal Water Standards for Swimming</b>		<b>104</b>	<b>35</b>	
<b>Assawoman Bay</b>						
<u>Assawoman Bay</u>	AB01: Bayside Point Pier	8/5/2024	8:00	5	Insufficient data	1
<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	8/7/2024	9:25	10	7	8
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	8/7/2024	6:15	148	92	8
<b>Indian River</b>						
<u>Indian River</u>	IR02A: Rosedale crabbing pier	8/6/2024	9:15	20	19	8
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	8/5/2024	10:10	5	13	8
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	7/23/2024	7:52	145	80	7
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	8/13/2024	10:30	41	28	7
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	8/13/2024	11:33	10	13	7

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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>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	8/13/2024	8:28	5	21	7
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	8/13/2024	10:04	52	58	7
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	8/6/2024	7:00	2,851	84	8
<u>Vines Creek</u>	IR38: Vines Lane	8/6/2024	8:30	119	72	8
<b>Little Assawoman Bay</b>						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	8/5/2024	8:26	5	14	7
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge	8/5/2024	8:44	537	206	8
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	8/6/2024	7:37	122	170	8
<u>Jefferson Creek</u>	SB02: Anchorage Canal near elbow	8/6/2024	7:55	20	61	8
<u>Jefferson Creek</u>	SB04: Petherton canal at Rt1	8/6/2024	7:31	573	217	8
<u>Jefferson Creek</u>	SB05: Petherton canal, between lots 156 and 162	8/6/2024	7:46	31	68	8
<u>Jefferson Creek</u>	SB06: Brandywine Canal	8/6/2024	7:26	175	63	8
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	8/6/2024	7:15	31	39	8
<u>Jefferson Creek</u>	SB12: Jefferson Canal West side @ tidal gauge	8/6/2024	8:18	7,701	Insufficient data	2
<u>Little Assawoman Bay</u>	LA42: Narrows Beach, off of Rt. 1 south of South Bethany knee deep wading sample.	8/7/2024	11:30	5	112	4
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	8/6/2024	8:45	20	15	8
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	8/6/2024	7:42	20	22	8
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	8/13/2024	11:02	52	25	6
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	8/5/2024	8:02	496	502	9
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	8/5/2024	8:22	1,050	1735	8
<u>Herring Creek</u>	RB90: Burton Prong	8/5/2024	8:40	122	250	8
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	8/15/2024	8:10	5	38	8
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	8/5/2024	9:27	249	168	8
<u>Rehoboth Bay</u>	RB07: West Bay Park	8/6/2024	10:15	10	16	8
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	8/13/2024	9:30	420	178	7
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	8/13/2024	12:05	691	559	12
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Kayak Ramp	8/13/2024	11:48	41	52	7
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	8/13/2024	8:49	20	12	13

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