

Bacteria Report - Total Enterococcus

Sampling Period: 4/1/24 - 9/30/24

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		Last Sample Date	Time	Last Sample (Colonies per 100 mL)	Geometric mean (Colonies per 100 mL)	Sample Total
Tributary	Site: Name					
Fresh water sites		<u>EPA Fresh Water Standards for Swimming</u>		<u>185</u>	<u>100</u>	
Broadkill River						
<u>Beaverdam Creek</u>	BR55: Beaverdam Creek at Road 88	9/11/2024	10:10	404	442	10
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	9/11/2024	10:32	10	10	10
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	9/11/2024	11:23	30	15	10
<u>Wagamon's Pond</u>	BR41: Wagamon's Pond Outlet	9/11/2024	10:20	41	15	10
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	7/25/2024	11:30	1,989	Insufficient data	1
Indian River						
	PING: Ingrams Pond	9/10/2024	8:00	97	19	10
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	9/10/2024	8:20	5	11	10
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	9/9/2024	8:20	1,019	1085	10
Rehoboth Beach						
<u>Lake Comegys</u>	RL03: Lake Comegys, dock at Lake Comegys Community	9/11/2024	7:30	10	64	10
<u>Lake Gerar</u>	RL10: Lake Gerar bridge	9/11/2024	8:42	10	51	10
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	9/11/2024	8:55	40	68	10
<u>Silver Lake</u>	RL01: Silver Lake, Lake Drive Bridge	9/11/2024	8:29	30	79	10
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	9/11/2024	8:07	556	526	10
<u>Silver Lake</u>	RL05: Gaspard's dock, near outlet	9/11/2024	8:12	110	119	10
Tidal water sites		<u>EPA Tidal Water Standards for Swimming</u>		<u>104</u>	<u>35</u>	
Assawoman Bay						
<u>Assawoman Bay</u>	AB01: Bayside Point Pier	9/9/2024	8:00	10	Insufficient data	2
<u>Assawoman Bay</u>	RWPMXXX: Summertime Park	9/24/2024	11:10	41	Insufficient data	2
Atlantic Ocean						
	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
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock	9/12/2024	9:25	20	9	10
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	9/11/2024	6:45	41	87	10
Indian River						
<u>Indian River</u>	IR02A: Rosedale crabbing pier	9/10/2024	9:45	10	18	10
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	9/9/2024	9:52	20	13	10
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	9/10/2024	8:01	74	94	9
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	9/24/2024	10:30	341	38	10
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	9/24/2024	9:30	20	12	10

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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>104</u>	<u>35</u>	
Indian River						
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	9/24/2024	7:48	41	25	10
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	9/24/2024	10:00	650	77	10
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	9/10/2024	8:00	63	87	10
<u>Vines Creek</u>	IR38: Vines Lane	9/10/2024	7:00	272	82	10
Little Assawoman Bay						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	9/9/2024	8:20	20	14	9
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge	9/9/2024	8:49	3,448	352	10
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	9/10/2024	7:27	41	158	10
<u>Jefferson Creek</u>	SB02: Anchorage Canal near elbow	9/10/2024	7:58	31	104	10
<u>Jefferson Creek</u>	SB04: Petherton canal at Rt1	9/10/2024	7:34	63	206	10
<u>Jefferson Creek</u>	SB05: Petherton canal, between lots 156 and 162	9/10/2024	7:48	20	61	10
<u>Jefferson Creek</u>	SB06: Brandywine Canal	9/10/2024	7:39	75	73	10
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	9/10/2024	7:18	10	35	10
<u>Jefferson Creek</u>	SB10E: Russell Canal east dead end	9/10/2024	8:04	41	Insufficient data	2
<u>Jefferson Creek</u>	SB10W: Russell Canal west dead end	9/10/2024	8:22	5	Insufficient data	2
<u>Jefferson Creek</u>	SB12: Jefferson Canal West side @ tidal gauge	9/10/2024	8:15	10	108	4
<u>Little Assawoman Bay</u>	LA42: Narrows Beach, off of Rt. 1 south of South Bethany knee deep wading sample.	9/18/2024	12:00	31	57	7
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	9/10/2024	8:30	5	13	10
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	9/10/2024	7:55	73	30	10
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	9/10/2024	10:42	20	30	8
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	9/9/2024	7:50	207	480	11
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	9/9/2024	8:08	637	1542	10
<u>Herring Creek</u>	RB90: Burton Prong	9/9/2024	8:40	199	253	10
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	9/12/2024	10:15	10	27	10
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	9/9/2024	9:20	269	231	10
<u>Rehoboth Bay</u>	RB07: West Bay Park	9/10/2024	10:32	5	13	10
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	9/24/2024	9:10	95	159	10
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	9/24/2024	9:17	1,145	394	17
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Kayak Ramp	9/10/2024	11:47	754	83	9
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	9/24/2024	8:10	20	11	18

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