

Bacteria Report - Total Enterococcus

Sampling Period: 04/01/24 - 07/31/24

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					
Fresh water sites		EPA Fresh Water Standards for Swimming		185	100	
Broadkill River						
<u>Beaverdam Creek</u>	BR55: Beaverdam Creek at Road 88	7/24/2024	10:10	1,624	329	7
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	7/24/2024	10:25	20	12	7
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	7/24/2024	11:20	30	15	7
<u>Wagamon's Pond</u>	BR41: Wagamon's Pond Outlet	7/24/2024	10:53	41	17	7
<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	7/22/2024	7:30	30	15	7
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	7/23/2024	8:00	5	10	7
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	7/23/2024	8:24	25,000	1109	7
Rehoboth Beach						
<u>Lake Comegys</u>	RL03: Lake Comegys, dock at Lake Comegys Community	7/24/2024	8:10	591	68	7
<u>Lake Gerar</u>	RL10: Lake Gerar bridge	7/24/2024	9:08	243	68	7
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	7/24/2024	9:16	706	65	7
<u>Silver Lake</u>	RL01: Silver Lake, Lake Drive Bridge	7/24/2024	8:57	350	72	7
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	7/24/2024	8:34	272	394	7
<u>Silver Lake</u>	RL05: Gaspard's dock, near outlet	7/24/2024	8:45	228	102	7
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
Assawoman Bay						
<u>Assawoman Bay</u>	RWPMXXX: Summertime Park	5/21/2024	9:30	5	Insufficient data	1
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	7/24/2024	9:42	10	7	7
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	7/24/2024	6:00	288	86	7
Indian River						
<u>Indian River</u>	IR02A: Rosedale crabbing pier	7/22/2024	9:40	52	19	7
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	7/22/2024	10:35	52	15	7
<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	7/30/2024	10:44	52	27	6
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	7/30/2024	9:46	10	13	6
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	7/30/2024	7:59	41	27	6

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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>					
Tidal water sites				104	35	
Indian River						
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	7/30/2024	11:15	20	59	6
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	7/23/2024	7:40	1,112	51	7
<u>Vines Creek</u>	IR38: Vines Lane	7/23/2024	8:30	189	67	7
Little Assawoman Bay						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	7/22/2024	8:25	20	16	6
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge	7/22/2024	8:50	410	179	7
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	7/23/2024	7:42	161	178	7
<u>Jefferson Creek</u>	SB02: Anchorage Canal near elbow	7/23/2024	8:04	86	72	7
<u>Jefferson Creek</u>	SB04: Petherton canal at Rt1	7/23/2024	7:35	185	189	7
<u>Jefferson Creek</u>	SB05: Petherton canal, between lots 156 and 162	7/23/2024	7:52	52	76	7
<u>Jefferson Creek</u>	SB06: Brandywine Canal	7/23/2024	7:29	98	55	7
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	7/23/2024	7:04	52	41	7
<u>Jefferson Creek</u>	SB12: Jefferson Canal West side @ tidal gauge	7/23/2024	8:21	10	Insufficient data	1
<u>Little Assawoman Bay</u>	LA42: Narrows Beach, off of Rt. 1 south of South Bethany knee deep wading sample.	7/25/2024	11:45	122	317	3
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	7/23/2024	8:45	10	14	7
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	7/23/2024	8:10	63	22	7
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	7/30/2024	10:12	5	22	5
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	7/29/2024	7:48	1,043	502	8
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	7/23/2024	8:11	24,196	1864	7
<u>Herring Creek</u>	RB90: Burton Prong	7/22/2024	8:45	1,565	277	7
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	7/25/2024	7:50	816	40	6
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	7/22/2024	9:25	657	159	7
<u>Rehoboth Bay</u>	RB07: West Bay Park	7/23/2024	10:54	173	17	7
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	7/30/2024	9:13	341	154	6
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	7/31/2024	10:35	583	549	11
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Kayak Ramp	7/30/2024	11:45	5	55	6
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	7/30/2024	8:19	20	12	11

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