

Bacteria Report - Total Enterococcus

Sampling Period: 04/01/24 - 06/15/24

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					
Fresh water sites		EPA Fresh Water Standards for Swimming		185	100	
Broadkill River						
<u>Beaverdam Creek</u>	BR55: Beaverdam Creek at Road 88	6/12/2024	11:32	323	129	4
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	6/12/2024	7:45	10	7	4
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	6/12/2024	13:01	10	11	4
<u>Wagamon's Pond</u>	BR41: Wagamon's Pond Outlet	6/12/2024	11:54	30	11	4
Indian River						
	PING: Ingrams Pond	6/10/2024	8:10	10	14	4
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	6/11/2024	8:05	20	8	4
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	6/10/2024	8:20	2,359	342	4
Rehoboth Beach						
<u>Lake Comegys</u>	RL03: Lake Comegys, dock at Lake Comegys Community	6/12/2024	8:25	10	40	4
<u>Lake Gerar</u>	RL10: Lake Gerar bridge	6/12/2024	9:25	107	85	4
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	6/12/2024	9:32	116	43	4
<u>Silver Lake</u>	RL01: Silver Lake, Lake Drive Bridge	6/12/2024	9:10	161	65	4
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	6/12/2024	8:40	3,448	240	4
<u>Silver Lake</u>	RL05: Gaspard's dock, near outlet	6/12/2024	8:45	146	72	4
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	6/12/2024	9:25	5	6	4
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	6/12/2024	6:00	41	40	4
Indian River						
<u>Indian River</u>	IR02A: Rosedale crabbing pier	6/11/2024	9:45	73	16	4
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	6/10/2024	10:05	5	10	4
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	6/11/2024	8:14	201	34	4
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	6/4/2024	9:47	5	Insufficient data	2
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	6/4/2024	9:00	5	Insufficient data	2
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	6/4/2024	7:15	5	Insufficient data	2
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	6/4/2024	10:22	41	Insufficient data	2

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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>Pepper Creek</u>	IR51: Pepper Creek, Creekside	6/11/2024	9:29	20	17	4
<u>Vines Creek</u>	IR38: Vines Lane	6/11/2024	7:00	171	27	4
Little Assawoman Bay						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	6/10/2024	8:00	41	13	3
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge	6/10/2024	8:43	246	89	4
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	6/11/2024	7:42	9,804	437	4
<u>Jefferson Creek</u>	SB02: Anchorage Canal near elbow	6/11/2024	8:04	110	155	4
<u>Jefferson Creek</u>	SB04: Petherton canal at Rt1	6/11/2024	7:35	1,014	212	4
<u>Jefferson Creek</u>	SB05: Petherton canal, between lots 156 and 162	6/11/2024	7:54	74	89	4
<u>Jefferson Creek</u>	SB06: Brandywine Canal	6/11/2024	7:28	97	73	4
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	6/11/2024	7:17	85	55	4
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	6/11/2024	8:35	98	15	4
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	6/11/2024	9:49	98	36	4
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	6/4/2024	9:21	10	Insufficient data	1
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	6/10/2024	7:50	275	198	4
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	6/10/2024	8:10	8,164	541	4
<u>Herring Creek</u>	RB90: Burton Prong	6/10/2024	10:00	211	73	4
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	6/12/2024	11:14	10	6	3
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	6/10/2024	9:15	171	73	4
<u>Rehoboth Bay</u>	RB07: West Bay Park	6/11/2024	10:53	20	7	4
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	6/4/2024	8:30	97	Insufficient data	2
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	6/6/2024	7:30	1,725	304	4
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Kayak Ramp	6/4/2024	10:56	10	Insufficient data	2
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	6/11/2024	14:00	10	8	4

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