

Bacteria Report - Total Enterococcus

Sampling Period: 4/1/23 - 7/15/23

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.

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>					
Fresh water sites		EPA Fresh Water Standards for Swimming		185	100	
Broadkill River						
<u>Beaverdam Creek</u>	BR55: Beaverdam Creek at Road 88	7/12/2023	11:40	426	165	6
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	7/12/2023	9:00	5	6	5
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	7/12/2023	12:30	5	14	6
<u>Wagamon's Pond</u>	BR41: Wagamon's Pond Outlet	7/12/2023	12:10	10	19	6
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	6/21/2023	9:00	25,000	12205	3
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	7/11/2023	8:00	10	8	6
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	7/10/2023	8:22	3,448	852	6
Rehoboth Beach						
<u>Lake Comegys</u>	RL03: Lake Comegys, dock at Lake Comegys Community	7/12/2023	7:45	413	Insufficient data	1
<u>Lake Gerar</u>	RL10: Lake Gerar bridge	7/12/2023	8:31	20	49	3
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	7/12/2023	8:40	71	132	3
<u>Silver Lake</u>	RL01: Silver Lake, Lake Drive Bridge	7/12/2023	8:14	565	269	3
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	7/12/2023	8:01	341	468	3
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
Atlantic Ocean						
	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
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock	7/12/2023	8:45	5	12	6
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	7/12/2023	6:30	145	77	7
Delaware Bay						
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	6/20/2023	8:20	5	6	3
Indian River						
<u>Assawoman Canal</u>	IR50: Assawoman Canal at N end, Ocean View Marina	7/11/2023	8:40	52	Insufficient data	2
<u>Indian River</u>	IR02A: Rosedale crabbing pier	7/11/2023	9:20	97	16	6
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	7/10/2023	9:59	30	18	6
<u>Indian River</u>	IR26a: Peterson's pier, Possum Point	7/11/2023	8:47	1,334	231	6
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	7/11/2023	7:50	52	83	6
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	7/11/2023	10:45	10	11	5
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	7/11/2023	9:55	5	6	5
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	7/11/2023	8:20	10	25	5
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	7/11/2023	10:15	5	36	5

Please note that this report is for general information only. The Inland Bays and Broadkill River are under a permanent advisory for recreational contact, in particular after heavy rains.

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>EPA Tidal Water Standards for Swimming</u>		<u>104</u>	<u>35</u>	
Indian River						
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	7/11/2023	7:00	426	62	6
<u>Vines Creek</u>	IR38: Vines Lane	7/11/2023	7:30	86	54	6
Little Assawoman Bay						
<u>Assawoman Canal</u>	LA10: Assawoman Canal S end, Kent Ave Bridge	7/11/2023	8:30	20	75	4
<u>Dirickson Creek</u>	LA03: Mulberry Landing	7/10/2023	8:35	10	7	6
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge	7/10/2023	8:49	12,997	184	6
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	7/11/2023	7:35	272	86	6
<u>Jefferson Creek</u>	SB04: Petherton canal at Rt1	7/11/2023	7:40	1,259	91	6
<u>Jefferson Creek</u>	SB06: Brandywine Canal	7/11/2023	7:47	120	30	6
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	7/11/2023	7:22	63	22	6
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	7/11/2023	8:45	20	61	6
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	7/11/2023	9:10	30	21	6
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	7/11/2023	11:20	5	20	5
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	7/10/2023	7:50	4,352	425	6
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	7/10/2023	8:08	25,000	1202	6
<u>Herring Creek</u>	RB90: Burton Prong	7/10/2023	9:00	1,210	278	6
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	7/12/2023	11:10	41	55	4
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	7/10/2023	9:55	288	104	6
<u>Rehoboth Bay</u>	RB07: West Bay Park	7/11/2023	8:30	20	13	6
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	7/11/2023	9:40	10	114	5
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	7/11/2023	12:00	20	178	6
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Kayak Ramp	7/11/2023	11:45	52	95	5
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	7/13/2023	11:30	10	12	9

Please note that this report is for general information only. The Inland Bays and Broadkill River are under a permanent advisory for recreational contact, in particular after heavy rains.