

Bacteria Report - Total Enterococcus

Sampling Period: 4/1/23 - 6/30/23

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	6/21/2023	10:35	1,722	136	5
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	6/21/2023	7:38	5	6	4
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	6/21/2023	11:17	41	18	5
<u>Wagamon's Pond</u>	BR41: Wagamon's Pond Outlet	6/21/2023	10:52	10	22	5
<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	6/20/2023	8:02	10	8	5
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	6/22/2023	8:34	2,909	644	5
Rehoboth Beach						
<u>Lake Gerar</u>	RL10: Lake Gerar bridge	6/21/2023	9:00	71	Insufficient data	2
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	6/21/2023	9:15	364	Insufficient data	2
<u>Silver Lake</u>	RL01: Silver Lake, Lake Drive Bridge	6/21/2023	8:50	242	Insufficient data	2
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	6/21/2023	8:30	860	Insufficient data	2
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	6/21/2023	10:00	10	14	5
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	6/21/2023	6:30	135	69	6
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	6/27/2023	8:15	60	Insufficient data	1
<u>Indian River</u>	IR02A: Rosedale crabbing pier	6/15/2023	8:25	10	12	5
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	6/22/2023	9:00	74	16	5
<u>Indian River</u>	IR26a: Peterson's pier, Possum Point	6/15/2023	8:50	161	162	5
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	6/20/2023	7:55	63	91	5
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	6/27/2023	11:40	20	12	4
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	6/27/2023	10:55	5	6	4
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	6/27/2023	9:19	15	31	4
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	6/27/2023	11:14	20	59	4
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	6/20/2023	8:00	86	42	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>Vines Creek</u>	IR38: Vines Lane	6/20/2023	8:00	131	49	5
Little Assawoman Bay						
<u>Assawoman Canal</u>	LA10: Assawoman Canal S end, Kent Ave Bridge	6/27/2023	8:00	109	118	3
<u>Dirickson Creek</u>	LA03: Mulberry Landing	6/20/2023	9:17	5	7	5
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge	6/20/2023	8:50	41	78	5
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	6/20/2023	7:31	20	68	5
<u>Jefferson Creek</u>	SB04: Petherton canal at Rt1	6/20/2023	7:37	228	53	5
<u>Jefferson Creek</u>	SB06: Brandywine Canal	6/20/2023	7:46	31	22	5
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	6/20/2023	7:20	5	18	5
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	6/20/2023	8:45	31	76	5
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	6/20/2023	9:07	52	20	5
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	6/27/2023	12:10	10	28	4
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	6/22/2023	8:03	4,611	267	5
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	6/22/2023	8:22	7,915	655	5
<u>Herring Creek</u>	RB90: Burton Prong	6/22/2023	9:00	1,246	207	5
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	6/22/2023	9:30	175	61	3
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	6/22/2023	8:58	860	85	5
<u>Rehoboth Bay</u>	RB07: West Bay Park	6/20/2023	8:35	41	12	5
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	6/27/2023	10:20	50	208	4
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	6/27/2023	10:32	70	275	5
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Kayak Ramp	6/27/2023	10:45	50	110	4
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	6/27/2023	9:42	5	12	6

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.