

Bacteria Report - Total Enterococcus

Sampling Period: 4/1/23 - 7/31/23

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	Site: Name	Last Sample Date	Time	Last Sample (Colonies per 100 mL)	Geometric mean (Colonies per 100 mL)	Sample Total
Fresh water sites						
				EPA Fresh Water Standards for Swimming	185	100
Broadkill River						
<u>Beaverdam Creek</u>	BR55: Beaverdam Creek at Road 88	7/26/2023	10:14	933	211	7
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	7/26/2023	10:30	5	6	6
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	7/26/2023	11:15	52	17	7
<u>Wagamon's Pond</u>	BR41: Wagamon's Pond Outlet	7/26/2023	10:46	275	28	7
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	6/21/2023	9:00	25,000	12205	3
Indian River						
	PING: Ingrams Pond	7/24/2023	8:25	145	Insufficient data	1
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	7/25/2023	8:00	5	7	7
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	7/24/2023	8:29	374	757	7
Rehoboth Beach						
<u>Lake Comegys</u>	RL03: Lake Comegys, dock at Lake Comegys Community	7/26/2023	7:15	404	Insufficient data	2
<u>Lake Gerar</u>	RL10: Lake Gerar bridge	7/26/2023	8:10	133	63	4
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	7/26/2023	8:20	145	136	4
<u>Silver Lake</u>	RL01: Silver Lake, Lake Drive Bridge	7/26/2023	7:59	749	347	4
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	7/26/2023	7:40	6,488	903	4
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	7/26/2023	8:47	30	14	7
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	7/26/2023	6:30	187	86	8
Delaware Bay						
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	7/20/2023	8:30	10	7	4
Indian River						
<u>Assawoman Canal</u>	IR50: Assawoman Canal at N end, Ocean View Marina	7/25/2023	9:00	41	50	3
<u>Indian River</u>	IR02A: Rosedale crabbing pier	7/25/2023	9:35	20	17	7
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	7/24/2023	10:15	10	16	7
<u>Indian River</u>	IR26a: Peterson's pier, Possum Point	7/25/2023	9:10	246	233	7
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	7/25/2023	8:06	20	68	7
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	7/26/2023	14:20	41	14	7
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	7/26/2023	14:20	10	6	7

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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>EPA Tidal Water Standards for Swimming</u>		<u>104</u>	<u>35</u>	
Indian River						
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	7/26/2023	14:20	20	25	7
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	7/26/2023	14:20	5	33	7
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	7/25/2023	7:30	148	70	7
<u>Vines Creek</u>	IR38: Vines Lane	7/25/2023	8:00	41	52	7
Little Assawoman Bay						
<u>Assawoman Canal</u>	LA10: Assawoman Canal S end, Kent Ave Bridge	7/25/2023	8:40	359	103	5
<u>Dirickson Creek</u>	LA03: Mulberry Landing	7/24/2023	8:42	20	8	7
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge	7/27/2023	8:57	110	171	7
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	7/25/2023	7:39	98	87	7
<u>Jefferson Creek</u>	SB02: Anchorage Canal near elbow	7/25/2023	7:58	697	Insufficient data	1
<u>Jefferson Creek</u>	SB04: Petherton canal at Rt1	7/25/2023	7:32	41	81	7
<u>Jefferson Creek</u>	SB05: Petherton canal, between lots 156 and 162	7/25/2023	7:48	228	Insufficient data	1
<u>Jefferson Creek</u>	SB06: Brandywine Canal	7/25/2023	7:27	41	31	7
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	7/25/2023	7:13	41	24	7
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	7/25/2023	8:42	5	43	7
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	7/25/2023	7:53	20	21	7
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	7/26/2023	14:20	26	20	7
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	7/24/2023	7:59	292	403	7
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	7/24/2023	8:17	3,255	1385	7
<u>Herring Creek</u>	RB90: Burton Prong	7/24/2023	9:15	231	270	7
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	7/27/2023	10:40	30	49	5
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	7/24/2023	10:03	282	120	7
<u>Rehoboth Bay</u>	RB07: West Bay Park	7/25/2023	8:33	2,613	27	7
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	7/26/2023	14:20	74	98	7
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	7/26/2023	14:20	41	128	9
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Kayak Ramp	7/26/2023	14:20	5	59	7
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	7/27/2023	14:00	10	11	13

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