

Bacteria Report - Total Enterococcus

Sampling Period: 4/1/23 - 8/31/23

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		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		<u>EPA Fresh Water Standards for Swimming</u>		<u>185</u>	<u>100</u>	
Broadkill River						
<u>Beaverdam Creek</u>	BR55: Beaverdam Creek at Road 88	8/23/2023	11:30	563	276	9
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	8/23/2023	8:10	10	6	8
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	8/23/2023	12:35	20	20	9
<u>Wagamon's Pond</u>	BR41: Wagamon's Pond Outlet	8/23/2023	12:00	122	27	9
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	8/23/2023	12:30	4,569	4914	5
Indian River						
	PING: Ingrams Pond	8/21/2023	8:00	41	39	3
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	8/22/2023	8:05	5	10	9
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	8/21/2023	10:20	960	963	9
Rehoboth Beach						
<u>Lake Comegys</u>	RL03: Lake Comegys, dock at Lake Comegys Community	8/23/2023	7:45	199	285	4
<u>Lake Gerar</u>	RL10: Lake Gerar bridge	8/23/2023	8:30	130	66	6
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	8/23/2023	8:30	20	87	6
<u>Silver Lake</u>	RL01: Silver Lake, Lake Drive Bridge	8/23/2023	8:19	10	171	6
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	8/23/2023	8:00	262	742	6
<u>Silver Lake</u>	RL05: Gaspard's dock, near outlet	8/23/2023	8:12	41	Insufficient data	2
Tidal water sites		<u>EPA Tidal Water Standards for Swimming</u>		<u>104</u>	<u>35</u>	
Assawoman Bay						
<u>Assawoman Bay</u>	RWPMXXX: Summertime Park	8/8/2023	10:40	201	Insufficient data	1
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	8/23/2023	8:50	20	15	9
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	8/23/2023	6:51	122	86	10
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	8/22/2023	9:50	1,223	34	9
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	8/22/2023	10:25	5	15	9
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	8/21/2023	9:24	1,565	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>					
<u>Tidal water sites</u>				<u>104</u>	<u>35</u>	
Indian River						
<u>Indian River</u>	IR26a: Peterson's pier, Possum Point	8/22/2023	9:34	359	400	9
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	8/22/2023	8:08	221	78	9
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	8/29/2023	10:25	41	23	12
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	8/29/2023	9:31	5	7	12
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	8/29/2023	12:20	31	24	12
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	8/29/2023	10:41	5	54	12
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	8/22/2023	8:15	52	106	9
<u>Vines Creek</u>	IR38: Vines Lane	8/22/2023	8:30	110	95	9
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	8/21/2023	8:35	52	14	9
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge	8/21/2023	8:43	150	170	9
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	8/22/2023	7:29	52	134	9
<u>Jefferson Creek</u>	SB02: Anchorage Canal near elbow	8/22/2023	7:58	41	509	3
<u>Jefferson Creek</u>	SB04: Petherton canal at Rt1	8/22/2023	7:34	132	153	9
<u>Jefferson Creek</u>	SB05: Petherton canal, between lots 156 and 162	8/22/2023	7:48	10	245	3
<u>Jefferson Creek</u>	SB06: Brandywine Canal	8/22/2023	7:39	31	65	9
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	8/22/2023	7:20	5	40	9
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	8/22/2023	8:43	109	63	9
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	8/22/2023	8:33	10	19	8
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	8/29/2023	10:00	8	33	12
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	8/21/2023	10:52	10	387	9
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	8/21/2023	10:30	146	1483	9
<u>Herring Creek</u>	RB90: Burton Prong	8/21/2023	9:15	175	266	9
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	8/23/2023	10:55	20	47	7
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	8/21/2023	9:45	175	142	9
<u>Rehoboth Bay</u>	RB07: West Bay Park	8/22/2023	8:30	10	26	9
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	8/29/2023	9:18	31	94	12
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	8/30/2023	8:45	228	214	17
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Kayak Ramp	8/29/2023	11:00	41	58	12
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	8/31/2023	14:00	52	12	23

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