

Bacteria Report - Total Enterococcus

Sampling Period: 4/1/23 - 6/16/23

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	6/7/2023	12:40	275	72	4
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	6/7/2023	8:15	10	6	3
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	6/7/2023	13:45	41	14	4
<u>Wagamon's Pond</u>	BR41: Wagamon's Pond Outlet	6/7/2023	13:03	75	27	4
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	6/15/2023	9:00	25,000	Insufficient data	2
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	6/6/2023	8:09	5	7	4
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	6/5/2023	8:32	231	442	4
Rehoboth Beach						
<u>Lake Gerar</u>	RL10: Lake Gerar bridge	6/7/2023	9:49	84	Insufficient data	1
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	6/7/2023	10:10	90	Insufficient data	1
<u>Silver Lake</u>	RL01: Silver Lake, Lake Drive Bridge	6/7/2023	9:15	142	Insufficient data	1
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	6/7/2023	8:45	350	Insufficient data	1
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	6/7/2023	8:46	41	16	4
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	6/7/2023	6:40	122	60	5
Delaware Bay						
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	5/22/2023	8:47	10	Insufficient data	2
Indian River						
<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	6/5/2023	9:27	52	11	4
<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	6/6/2023	7:40	839	100	4
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	6/13/2023	11:45	10	10	3
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	6/13/2023	11:00	10	6	3
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	6/13/2023	8:55	97	39	3
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	6/13/2023	11:20	84	85	3
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	6/6/2023	9:30	60	35	4
<u>Vines Creek</u>	IR38: Vines Lane	6/6/2023	8:00	20	38	4

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<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>	
Little Assawoman Bay						
<u>Assawoman Canal</u>	LA10: Assawoman Canal S end, Kent Ave Bridge	6/14/2023	8:45	51	Insufficient data	2
<u>Dirickson Creek</u>	LA03: Mulberry Landing	6/5/2023	8:22	20	7	4
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge	6/5/2023	8:25	594	92	4
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	6/6/2023	7:45	250	92	4
<u>Jefferson Creek</u>	SB04: Petherton canal at Rt1	6/6/2023	7:51	156	37	4
<u>Jefferson Creek</u>	SB06: Brandywine Canal	6/6/2023	8:01	60	21	4
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	6/6/2023	7:29	30	25	4
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	6/6/2023	8:42	216	95	4
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	6/6/2023	8:02	20	16	4
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	6/13/2023	12:21	20	39	3
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	6/5/2023	8:01	1,198	131	4
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	6/5/2023	8:20	2,755	351	4
<u>Herring Creek</u>	RB90: Burton Prong	6/5/2023	9:15	216	132	4
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	6/13/2023	11:55	31	Insufficient data	2
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	6/5/2023	10:15	173	48	4
<u>Rehoboth Bay</u>	RB07: West Bay Park	6/6/2023	8:30	5	8	4
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	6/13/2023	10:10	733	336	3
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	6/13/2023	10:26	148	411	3
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Kayak Ramp	6/13/2023	10:47	41	143	3
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	6/15/2023	11:15	10	8	4

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