

Bacteria Report - Total Enterococcus

Sampling Period: 4/1/21 - 7/31/21

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	7/28/2021	12:11	1,187	187	7
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	7/28/2021	8:30	5	8	7
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	7/28/2021	12:25	94	18	7
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	7/29/2021	9:30	1,169	3948	6
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	7/27/2021	8:20	5	7	7
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	7/26/2021	8:30	1,333	391	6
Rehoboth Beach						
<u>Lake Gerar</u>	RL10: Lake Gerar bridge	7/20/2021	9:58	31	Insufficient data	1
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	7/20/2021	10:08	443	Insufficient data	2
<u>Silver Lake</u>	RL01: Silver Lake, Lake Drive Bridge	7/20/2021	10:35	10	Insufficient data	1
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	7/20/2021	10:23	41	Insufficient data	2
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock	7/28/2021	8:50	20	10	7
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	7/28/2021	6:35	416	107	7
<u>Canary Creek</u>	BR19: Canary Creek at New Road	7/28/2021	12:54	122	151	7
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd.	7/28/2021	12:59	10	9	6
Delaware Bay						
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	7/27/2021	8:45	5	7	7
Indian River						
<u>Indian River</u>	IR02A: Rosedale crabbing pier	7/26/2021	10:28	31	25	7
<u>Indian River</u>	IR03: Oak Orchard	7/26/2021	8:55	134	53	7
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	7/26/2021	10:28	5	7	7
<u>Indian River</u>	IR26a: Peterson's pier, Possum Point	7/26/2021	10:52	216	152	7
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	7/27/2021	7:50	20	21	7
<u>Indian River</u>	IR39: North side of Inlet at Wheelchair fishing platform under new bridge.	4/13/2021	10:57	5	Insufficient data	1
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	7/21/2021	6:21	547	82	4
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	7/21/2021	5:45	546	309	4
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	7/21/2021	6:50	504	151	4
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	6/9/2021	7:08	62	Insufficient data	1
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	7/27/2021	8:00	780	78	7
<u>Vines Creek</u>	IR38: Vines Lane	7/27/2021	6:10	313	44	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>104</u>	<u>35</u>	
<u>Little Assawoman Bay</u>						
<u>Assawoman Canal</u>	LA10: Assawoman Canal S end, Kent Ave Bridge	7/19/2021	9:03	60	117	4
<u>Dirickson Creek</u>	LA03: Mulberry Landing	7/26/2021	8:55	10	11	7
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	7/26/2021	8:30	1,439	340	7
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	7/27/2021	7:40	86	70	7
<u>Jefferson Creek</u>	SB04: Petherton canal at Rt1	7/27/2021	7:37	146	88	7
<u>Jefferson Creek</u>	SB06: Brandywine Canal	7/27/2021	7:26	84	81	7
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	7/27/2021	7:12	5	20	7
<u>Little Assawoman Bay</u>	LA42: Narrows Beach, off of Rt. 1 south of South Bethany knee deep wading sample.	7/26/2021	8:20	10	11	5
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	7/27/2021	7:00	31	11	7
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	7/27/2021	9:20	5	7	7
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	7/19/2021	8:40	5	31	4
<u>Rehoboth Bay</u>						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	7/26/2021	7:53	2,046	590	7
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	7/26/2021	8:19	4,884	1235	7
<u>Herring Creek</u>	RB90: Burton Prong	7/26/2021	9:00	73	338	7
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	7/27/2021	11:03	86	84	7
<u>Rehoboth Bay</u>	RB16E: Rusty Rudder Pier End	7/20/2021	8:35	20	18	3
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	7/21/2021	5:20	481	364	4
<u>Rehoboth Bay</u>	RB38: Joy Beach-bay	6/15/2021	10:40	10	Insufficient data	1
<u>Rehoboth Bay</u>	RB44: Camp Arrowhead (camp pier)	7/27/2021	10:27	10	11	5
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	7/21/2021	5:29	546	473	3
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Kayak Ramp	7/21/2021	5:35	5	138	4
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	7/21/2021	7:23	472	241	4

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