

Bacteria Report - Total Enterococcus

Sampling Period: 4/1/21 - 8/14/21

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	8/11/2021	10:30	1,467	241	8
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	8/11/2021	8:30	63	11	8
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	8/11/2021	10:45	5	15	8
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	8/12/2021	10:15	4,160	3978	7
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	8/10/2021	7:55	5	7	8
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	8/9/2021	8:24	1,664	480	7
Rehoboth Beach						
<u>Lake Gerar</u>	RL10: Lake Gerar bridge	8/3/2021	12:39	63	Insufficient data	2
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	8/3/2021	12:31	384	220	3
<u>Silver Lake</u>	RL01: Silver Lake, Lake Drive Bridge	8/3/2021	12:10	20	Insufficient data	2
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	8/3/2021	12:17	51	59	3
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock	8/11/2021	9:00	5	9	8
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	8/11/2021	6:55	368	125	8
<u>Canary Creek</u>	BR19: Canary Creek at New Road	8/11/2021	10:56	1,017	192	8
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd.	8/11/2021	11:06	10	9	7
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	8/9/2021	10:20	187	32	8
<u>Indian River</u>	IR03: Oak Orchard	8/9/2021	9:10	121	59	8
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	8/9/2021	11:15	10	8	8
<u>Indian River</u>	IR26a: Peterson's pier, Possum Point	8/9/2021	10:50	134	150	8
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	8/10/2021	7:45	41	23	8
<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	8/4/2021	10:56	41	72	5
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	8/4/2021	10:23	10	156	5
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	8/4/2021	11:22	31	110	5
<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	8/10/2021	8:00	1,553	108	9
<u>Vines Creek</u>	IR38: Vines Lane	8/10/2021	9:50	52	45	8

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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>
Little Assawoman Bay						
<u>Assawoman Canal</u>	LA10: Assawoman Canal S end, Kent Ave Bridge	8/3/2021	9:00	52	99	5
<u>Dirickson Creek</u>	LA03: Mulberry Landing	8/9/2021	9:40	52	13	8
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	8/9/2021	9:12	2,481	436	8
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	8/10/2021	7:45	211	81	8
<u>Jefferson Creek</u>	SB04: Petherton canal at Rt1	8/10/2021	7:35	134	93	8
<u>Jefferson Creek</u>	SB06: Brandywine Canal	8/10/2021	7:30	84	81	8
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	8/10/2021	7:17	5	17	8
<u>Little Assawoman Bay</u>	LA42: Narrows Beach, off of Rt. 1 south of South Bethany knee deep wading sample.	8/9/2021	8:15	5	10	6
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	8/10/2021	7:30	10	11	8
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	8/10/2021	9:10	10	8	8
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	8/3/2021	8:45	10	25	5
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	8/9/2021	7:55	3,076	726	8
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	8/9/2021	8:13	3,873	1425	8
<u>Herring Creek</u>	RB90: Burton Prong	8/9/2021	9:10	504	355	8
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	8/10/2021	10:05	7,701	148	8
<u>Rehoboth Bay</u>	RB16E: Rusty Rudder Pier End	8/3/2021	11:45	10	16	4
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	8/4/2021	9:45	63	256	5
<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)	8/10/2021	9:10	52	14	6
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	8/4/2021	10:00	63	286	4
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Kayak Ramp	8/4/2021	10:10	97	128	5
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	8/4/2021	11:40	213	235	5

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