

Bacteria Report - Total Enterococcus

Sampling Period: 4/1/21 - 7/17/21

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	7/14/2021	11:29	480	137	6
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	7/14/2021	8:30	41	9	6
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	7/14/2021	11:43	5	14	6
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	7/15/2021	9:30	25,000	5036	5
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	7/13/2021	8:00	5	8	6
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	6/22/2021	8:19	2,382	305	5
Rehoboth Beach						
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	7/8/2021	9:10	63	Insufficient data	1
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	7/8/2021	9:32	97	Insufficient data	1
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock	7/14/2021	9:00	41	9	6
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	7/14/2021	11:17	86	85	6
<u>Canary Creek</u>	BR19: Canary Creek at New Road	7/14/2021	11:59	677	157	6
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd.	7/14/2021	12:09	20	9	5
Delaware Bay						
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	7/13/2021	7:10	5	8	6
Indian River						
<u>Indian River</u>	IR02A: Rosedale crabbing pier	7/12/2021	10:10	20	24	6
<u>Indian River</u>	IR03: Oak Orchard	7/12/2021	9:05	313	46	6
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	7/12/2021	10:15	10	8	6
<u>Indian River</u>	IR26a: Peterson's pier, Possum Point	7/12/2021	10:35	158	144	6
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	7/13/2021	8:00	10	21	6
<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	7/7/2021	6:55	20	44	3
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	7/7/2021	6:30	717	256	3
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	7/7/2021	7:20	86	101	3
<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	7/13/2021	8:15	41	53	6
<u>Vines Creek</u>	IR38: Vines Lane	7/13/2021	9:00	74	32	6
Little Assawoman Bay						
<u>Assawoman Canal</u>	LA10: Assawoman Canal S end, Kent Ave Bridge	7/6/2021	9:05	766	145	3

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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>Dirickson Creek</u>	LA03: Mulberry Landing	7/12/2021	8:50	5	11	6
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	7/12/2021	8:24	960	267	6
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	7/13/2021	6:39	185	68	6
<u>Jefferson Creek</u>	SB04: Petherton canal at Rt1	7/13/2021	6:45	10	81	6
<u>Jefferson Creek</u>	SB06: Brandywine Canal	7/13/2021	6:50	2,359	80	6
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	7/13/2021	7:02	487	25	6
<u>Little Assawoman Bay</u>	LA42: Narrows Beach, off of Rt. 1 south of South Bethany knee deep wading sample.	7/12/2021	8:24	5	12	4
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	7/13/2021	7:30	5	9	6
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	7/13/2021	8:55	10	8	6
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	7/6/2021	8:30	74	56	3
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	7/12/2021	7:42	2,603	480	6
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	7/12/2021	8:04	4,884	982	6
<u>Herring Creek</u>	RB90: Burton Prong	7/12/2021	9:20	189	437	6
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	7/13/2021	11:29	41	84	6
<u>Rehoboth Bay</u>	RB16E: Rusty Rudder Pier End	7/6/2021	9:40	10	Insufficient data	2
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	7/7/2021	6:10	448	332	3
<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)	7/13/2021	11:00	63	11	4
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	7/7/2021	6:16	512	Insufficient data	2
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Kayak Ramp	7/7/2021	6:21	886	416	3
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	7/7/2021	7:33	74	193	3

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