

Bacteria Report - Total Enterococcus

Sampling Period: 4/1/21 - 6/26/21

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	Site: Name	Last Sample Date	Time	Last Sample (Colonies per 100 mL)	Geometric mean (Colonies per 100 mL)	Sample Total
Fresh water sites		EPA Fresh Water Standards for Swimming		185	100	
Broadkill River						
<u>Beaverdam Creek</u>	BR55: Beaverdam Creek at Road 88	6/23/2021	9:40	771	107	5
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	6/23/2021	7:45	5	7	5
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	6/23/2021	9:57	30	17	5
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	6/23/2021	12:45	3,076	3374	4
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	6/22/2021	8:00	5	9	5
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	6/22/2021	8:19	2,382	305	5
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock	6/23/2021	8:50	10	7	5
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	6/23/2021	6:27	368	85	5
<u>Canary Creek</u>	BR19: Canary Creek at New Road	6/23/2021	10:15	292	117	5
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd.	6/23/2021	10:40	5	7	4
Delaware Bay						
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	6/24/2021	8:35	5	9	5
Indian River						
<u>Indian River</u>	IR02A: Rosedale crabbing pier	6/21/2021	10:15	30	25	5
<u>Indian River</u>	IR03: Oak Orchard	6/22/2021	9:15	10	31	5
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	6/22/2021	10:42	5	8	5
<u>Indian River</u>	IR26a: Peterson's pier, Possum Point	6/21/2021	10:50	487	141	5
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	6/22/2021	8:00	31	24	5
<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	6/23/2021	11:20	211	Insufficient data	2
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	6/23/2021	10:47	173	Insufficient data	2
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	6/23/2021	11:52	228	Insufficient data	2
<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	6/22/2021	8:30	52	56	5
<u>Vines Creek</u>	IR38: Vines Lane	6/22/2021	8:30	74	27	5
Little Assawoman Bay						
<u>Assawoman Canal</u>	LA10: Assawoman Canal S end, Kent Ave Bridge	6/21/2021	8:37	98	Insufficient data	2
<u>Dirickson Creek</u>	LA03: Mulberry Landing	6/21/2021	10:00	5	13	5
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	6/21/2021	8:25	144	207	5
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	6/22/2021	7:45	75	55	5

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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>Jefferson Creek</u>	SB04: Petherton canal at Rt1	6/22/2021	7:56	323	123	5
<u>Jefferson Creek</u>	SB06: Brandywine Canal	6/22/2021	7:52	31	41	5
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	6/22/2021	8:03	10	14	5
<u>Little Assawoman Bay</u>	LA42: Narrows Beach, off of Rt. 1 south of South Bethany knee deep wading sample.	6/14/2021	8:47	20	Insufficient data	2
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	6/22/2021	7:30	5	10	5
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	6/22/2021	8:33	5	8	5
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	6/21/2021	8:15	20	Insufficient data	2
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	6/22/2021	7:44	2,143	342	5
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	6/22/2021	8:06	2,382	713	5
<u>Herring Creek</u>	RB90: Burton Prong	6/21/2021	9:00	399	516	5
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	6/22/2021	9:15	171	96	5
<u>Rehoboth Bay</u>	RB16E: Rusty Rudder Pier End	6/22/2021	9:45	31	Insufficient data	1
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	6/23/2021	10:30	243	Insufficient data	2
<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)	6/15/2021	10:20	5	Insufficient data	2
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	6/15/2021	8:55	378	Insufficient data	1
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Kayak Ramp	6/23/2021	10:38	301	Insufficient data	2
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	6/23/2021	12:08	213	Insufficient data	2

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