

Bacteria Report - Total Enterococcus

Sampling Period: 4/1/2020 - 7/31/2020

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	7/15/2020	10:32	1,354	571	3
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	7/15/2020	7:45	10	95	3
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	7/15/2020	11:25	10	Insufficient data	2
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	7/16/2020	12:15	292	332	3
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	7/28/2020	8:00	5	7	4
Nanticoke River						
<u>Broad Creek</u>	PREC: Record's Pond	7/23/2020	10:12	156	Insufficient data	1
<u>Clear Brook</u>	PWIL: Williams Pond at spillway in Seaford	7/23/2020	11:16	657	Insufficient data	1
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	7/27/2020	8:23	1,071	1579	4
Rehoboth Beach						
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	7/30/2020	8:48	107	Insufficient data	2
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	7/30/2020	9:03	327	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	7/15/2020	9:15	10	10	3
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	7/15/2020	5:55	318	104	3
<u>Canary Creek</u>	BR19: Canary Creek at New Road	7/30/2020	8:41	717	Insufficient data	2
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd.	7/28/2020	7:19	41	25	4
Delaware Bay						
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	7/9/2020	8:16	5	5	3
Indian River						
<u>Indian River</u>	IR02A: Rosedale crabbing pier	7/27/2020	9:18	30	13	4
<u>Indian River</u>	IR03: Oak Orchard	7/27/2020	9:30	52	88	4
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	7/27/2020	10:00	20	8	4
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	6/29/2020	8:55	3,255	Insufficient data	1
<u>Indian River</u>	IR26a: Peterson's pier, Possum Point	7/28/2020	9:45	1,017	Insufficient data	2
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	7/28/2020	9:45	10	69	4
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	7/29/2020	8:05	243	Insufficient data	1
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	7/29/2020	7:26	30	Insufficient data	1
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	7/29/2020	8:32	20	Insufficient data	1
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	7/29/2020	7:51	214	Insufficient data	1
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	7/28/2020	6:45	63	93	4

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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>	
Indian River						
<u>Vines Creek</u>	IR38: Vines Lane	7/28/2020	8:15	41	57	4
<u>White Creek</u>	IR32: Holly Terrace Acres Canal Dead End, White Creek	7/27/2020	8:36	63	Insufficient data	2
Little Assawoman Bay						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	7/27/2020	8:00	20	18	4
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	7/27/2020	8:30	472	297	4
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	7/28/2020	7:29	86	251	4
<u>Jefferson Creek</u>	SB04: Petherton canal at Rt1	7/28/2020	7:46	288	475	4
<u>Jefferson Creek</u>	SB06: Brandywine Canal	7/28/2020	7:50	171	363	4
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	7/28/2020	7:19	10	44	4
<u>Little Assawoman Bay</u>	LA41: Coastal Kayaks, knee deep wading sample	7/22/2020	9:05	20	Insufficient data	1
<u>Little Assawoman Bay</u>	LA42: Narrows Beach, off of Rt. 1 south of South Bethany knee deep wading sample.	7/20/2020	8:40	110	Insufficient data	2
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	7/28/2020	8:35	41	49	4
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	7/28/2020	9:00	5	9	4
Rehoboth Bay						
<u>Bald Eagle Creek</u>	RB64: Torquay Canal, west side of Land's End near UD Site #1	6/29/2020	9:35	20	Insufficient data	1
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	7/27/2020	7:49	717	907	4
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	7/27/2020	8:12	14,136	4061	4
<u>Herring Creek</u>	RB90: Burton Prong	7/27/2020	7:00	1,860	1206	4
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	7/30/2020	9:01	10	Insufficient data	2
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	7/27/2020	9:51	341	238	4
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	7/29/2020	7:02	5	Insufficient data	1
<u>Rehoboth Bay</u>	RB44: Camp Arrowhead (camp pier)	7/21/2020	9:09	191	Insufficient data	1
<u>Rehoboth Bay</u>	RB50: Delaware Seashore State Park at New Road; knee deep wading sample	6/30/2020	8:46	63	Insufficient data	1
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	7/29/2020	7:12	311	141	3
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Kayak Ramp	7/29/2020	7:20	206	Insufficient data	1
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	7/29/2020	8:56	20	Insufficient data	1

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