

Bacteria Report - Total Enterococcus

Sampling Period 4/1/18 - 7/5/18

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>	Site: Name					
Fresh water sites		EPA Fresh Water Standards for Swimming		185	100	
Broadkill River						
<u>Beaverdam Creek</u>	BR55: Beaverdam Creek at Road 88	6/27/2018	10:42	355	89	5
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	6/27/2018	7:15	5	17	5
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	6/27/2018	11:34	20	22	4
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	6/27/2018	11:00	1,414	1419	3
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	6/26/2018	8:00	5	7	5
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	6/25/2018	8:14	359	346	5
Rehoboth Beach						
<u>Lake Gerar</u>	RL10: Lake Gerar bridge	7/5/2018	7:10	5	Insufficient data	2
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	7/5/2018	7:23	107	Insufficient data	2
<u>Silver Lake</u>	RL01: Silver Lake, Lake Drive Bridge	7/5/2018	6:50	63	Insufficient data	2
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	7/5/2018	6:40	504	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.	6/27/2018	8:45	20	13	5
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	6/27/2018	7:10	275	49	5
<u>Canary Creek</u>	BR19: Canary Creek at New Road	6/27/2018	11:51	1,467	868	4
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	6/26/2018	8:47	5	6	4
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	6/27/2018	10:17	419	186	5
Delaware Bay						
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	6/19/2018	8:52	5	7	5
Indian River						
<u>Indian River</u>	IR02a: Rosedale crabbing pier	6/25/2018	9:58	10	117	5
<u>Indian River</u>	IR03: Oak Orchard	6/25/2018	8:05	41	72	5
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	6/25/2018	10:38	5	10	5
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	6/25/2018	9:30	581	885	5
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	6/26/2018	7:20	5	44	5
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	6/19/2018	7:20	41	67	3
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	6/19/2018	6:25	5	8	3
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	6/19/2018	8:00	74	113	3
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	6/19/2018	7:00	31	109	3
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	6/26/2018	9:00	110	103	5
<u>Vines Creek</u>	IR38: Vines Lane	6/26/2018	8:15	31	65	5
<u>White Creek</u>	IR32: Holly Terrace Acres Canal Dead End, White Creek	6/25/2018	8:45	74	Insufficient data	1
Little Assawoman Bay						

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<u>Tributary</u>	Site: Name					
Tidal water sites				EPA Tidal Water Standards for Swimming	104	35
Little Assawoman Bay						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	6/25/2018	7:40	20	51	5
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	6/25/2018	6:48	97	523	5
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	6/25/2018	6:25	798	687	5
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	6/26/2018	7:54	613	180	5
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	6/26/2018	7:41	110	122	5
<u>Jefferson Creek</u>	SB06: Brandywine Canal	6/26/2018	7:47	31	134	5
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	6/26/2018	7:20	31	43	5
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	6/26/2018	8:54	5	17	5
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	6/26/2018	8:22	10	21	5
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	6/19/2018	6:40	10	40	3
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	6/25/2018	7:45	323	308	5
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	6/25/2018	8:03	663	1044	5
<u>Herring Creek</u>	RB90: Burton Prong	6/25/2018	9:15	134	305	5
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	6/27/2018	12:06	10	16	4
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	6/26/2018	9:49	31	136	5
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	6/19/2018	5:57	97	142	3
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	6/19/2018	6:03	452	320	3
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Boat Ramp	6/19/2018	6:15	1,233	100	3
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	6/19/2018	8:30	5	12	3

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