

Bacteria Report - Total Enterococcus

Sampling Period 4/1/17 - 9/1/17

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	8/23/2017	10:26	488	217	9
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	8/23/2017	7:15	74	17	9
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	8/23/2017	11:09	5	14	6
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	8/24/2017	7:15	1,396	437	8
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	8/22/2017	7:59	5	13	9
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	8/21/2017	8:05	305	304	9
Rehoboth Beach						
<u>Lake Gerar</u>	RL10: Lake Gerar bridge	8/30/2017	11:46	128	69	13
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	8/30/2017	11:56	253	56	13
<u>Silver Lake</u>	RL01: Silver Lake, Lake Drive Bridge	8/30/2017	13:18	81	59	13
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	8/30/2017	13:07	122	175	13
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock.	8/23/2017	10:09	5	10	9
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	8/23/2017	6:30	213	67	9
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	8/23/2017	10:07	479	358	8
<u>Wagamon's Pond</u>	BR41: Wagamon's Pond Outlet	6/14/2017	7:50	41	Insufficient data	1
Delaware Bay						
<u>Canary Creek</u>	BR19: Canary Creek at New Road	8/22/2017	9:15	1,187	734	7
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	8/22/2017	6:40	185	65	8
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	8/23/2017	8:51	5	6	12
Indian River						
<u>Indian River</u>	IR02a: Rosedale crabbing pier	8/22/2017	11:01	5	12	6
<u>Indian River</u>	IR03: Oak Orchard	8/21/2017	9:00	10	53	7
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	8/21/2017	10:40	10	7	9
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	8/22/2017	10:35	146	309	9
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	8/22/2017	7:35	5	24	9
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	8/23/2017	7:10	20	23	8
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	8/23/2017	6:00	5	19	8
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	8/23/2017	7:50	203	19	7
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	8/23/2017	6:42	31	38	8
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	8/22/2017	7:30	520	75	9
<u>Vines Creek</u>	IR38: Vines Lane	8/22/2017	9:49	120	74	9
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	8/21/2017	7:07	10	15	9
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	8/21/2017	7:43	411	195	9
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	8/21/2017	6:26	776	536	9
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	8/22/2017	7:42	52	207	9
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	8/22/2017	7:35	368	352	9
<u>Jefferson Creek</u>	SB06: Brandywine Canal	8/22/2017	7:30	359	203	9
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	8/22/2017	7:12	52	46	9
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	8/22/2017	10:17	10	22	9
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	8/22/2017	7:40	20	29	9
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	8/23/2017	6:30	31	51	8
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	8/21/2017	7:40	1,956	1035	9
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	8/21/2017	7:55	3,448	1844	8
<u>Herring Creek</u>	RB90: Burton Prong	8/21/2017	8:20	3,076	464	9
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	8/22/2017	9:30	10	43	6
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	8/21/2017	10:24	199	95	9
<u>Love Creek</u>	RB80: Upper Love Creek at Webb Landing	8/24/2017	9:45	3,291	561	9
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	8/23/2017	5:45	148	22	8
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	8/23/2017	5:50	3,448	125	8
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Boat Ramp	8/23/2017	5:55	201	80	8
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	8/23/2017	8:10	10	7	7

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