

Bacteria Report - Total Enterococcus

Sampling Period 04/1/17 - 06/16/17

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	6/14/2017	8:20	443	76	4
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	6/14/2017	7:15	20	17	4
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	6/14/2017	10:28	5	Insufficient data	1
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	6/14/2017	9:30	31	157	4
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	6/13/2017	8:07	5	8	4
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	6/12/2017	8:09	309	146	4
Rehoboth Beach						
<u>Lake Gerar</u>	RL10: Lake Gerar bridge	6/5/2017	12:15	40	84	6
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	6/5/2017	12:25	20	39	6
<u>Silver Lake</u>	RL01: Silver Lake, Lake Drive Bridge	6/5/2017	12:40	31	55	6
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	6/5/2017	12:30	72	154	6
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock.	6/14/2017	8:45	10	6	4
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	6/14/2017	6:30	85	31	4
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	6/14/2017	10:15	882	179	3
<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	6/12/2017	9:57	350	Insufficient data	1
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	6/14/2017	6:48	52	11	3
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	6/12/2017	8:43	5	5	7
Indian River						
<u>Indian River</u>	IR02a: Rosedale crabbing pier	6/12/2017	9:30	5	Insufficient data	1
<u>Indian River</u>	IR03: Oak Orchard	6/12/2017	8:00	738	Insufficient data	2
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	6/12/2017	10:20	5	5	4
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	6/12/2017	9:08	933	217	4
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	6/13/2017	7:35	10	12	4
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	6/7/2017	10:45	31	19	3
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	6/7/2017	9:40	31	15	3
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	6/7/2017	11:30	10	8	3
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	6/7/2017	10:25	10	21	3
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	6/13/2017	10:55	5	14	4
<u>Vines Creek</u>	IR38: Vines Lane	6/13/2017	8:40	41	12	4
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	6/13/2017	6:54	5	7	4
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	6/13/2017	7:48	41	61	4
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	6/13/2017	6:09	345	122	4
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	6/13/2017	7:30	331	115	4
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	6/13/2017	7:45	146	143	4
<u>Jefferson Creek</u>	SB06: Brandywine Canal	6/13/2017	7:50	52	37	4
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	6/13/2017	7:55	10	19	4
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	6/13/2017	9:40	10	19	4
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	6/13/2017	8:10	10	13	4
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	6/7/2017	10:05	30	17	3
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	6/12/2017	7:39	638	514	4
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	5/22/2017	8:08	836	433	3
<u>Herring Creek</u>	RB90: Burton Prong	6/12/2017	8:10	471	127	4
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	6/12/2017	10:53	20	Insufficient data	1
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	6/12/2017	10:02	41	40	4
<u>Love Creek</u>	RB80: Upper Love Creek at Webb Landing	6/12/2017	7:10	110	47	3
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	6/7/2017	9:10	10	6	3
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	6/7/2017	9:20	20	15	3
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Boat Ramp	6/7/2017	9:30	30	18	3
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	6/7/2017	11:45	5	8	3

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