

Bacteria Report - Total Enterococcus

Sampling Period 4/1/17 - 7/28/17

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	7/26/2017	10:30	512	172	7
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	7/26/2017	7:40	31	14	7
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	7/26/2017	11:18	63	16	4
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	7/12/2017	14:00	2,987	497	6
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	7/25/2017	7:55	20	9	7
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	7/24/2017	8:26	884	282	7
Rehoboth Beach						
<u>Lake Gerar</u>	RL10: Lake Gerar bridge	7/24/2017	7:30	85	82	10
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	7/24/2017	7:39	30	46	10
<u>Silver Lake</u>	RL01: Silver Lake, Lake Drive Bridge	7/24/2017	8:00	41	54	10
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	7/24/2017	7:45	663	168	10
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock.	7/26/2017	8:45	97	9	7
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	7/26/2017	6:48	97	50	7
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	7/26/2017	10:08	435	308	6
<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	7/26/2017	10:07	480	451	5
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	7/25/2017	6:24	959	46	6
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	7/25/2017	8:52	20	6	10
Indian River						
<u>Indian River</u>	IR02a: Rosedale crabbing pier	7/24/2017	10:15	41	8	4
<u>Indian River</u>	IR03: Oak Orchard	7/24/2017	8:15	31	77	5
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	7/24/2017	10:50	5	6	7
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	7/25/2017	10:05	1,553	433	7
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	7/25/2017	7:45	213	24	7
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	7/26/2017	7:15	20	24	6
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	7/26/2017	6:05	52	24	6
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	7/12/2017	8:50	75	15	5
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	7/26/2017	6:55	189	43	6
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	7/25/2017	9:40	110	25	7
<u>Vines Creek</u>	IR38: Vines Lane	7/25/2017	8:30	187	33	7
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	7/24/2017	7:13	20	7	7
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	7/24/2017	8:07	426	88	7
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	7/24/2017	6:39	670	293	7
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	7/25/2017	7:56	3,255	170	7
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	7/25/2017	7:43	4,884	254	7
<u>Jefferson Creek</u>	SB06: Brandywine Canal	7/25/2017	7:49	2,489	111	7
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	7/25/2017	8:05	203	24	7
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	7/25/2017	10:20	63	17	7
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	7/25/2017	10:09	63	14	7
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	7/26/2017	6:35	134	48	6
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	7/24/2017	7:52	3,873	857	7
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	7/24/2017	8:14	6,488	1360	6
<u>Herring Creek</u>	RB90: Burton Prong	7/24/2017	9:30	855	251	7
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	7/26/2017	10:25	98	40	4
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	7/24/2017	12:40	216	61	7
<u>Love Creek</u>	RB80: Upper Love Creek at Webb Landing	7/11/2017	7:40	384	79	4
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	7/26/2017	5:35	10	11	6
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	7/26/2017	5:45	243	77	6
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Boat Ramp	7/26/2017	6:00	1,153	71	6
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	7/12/2017	9:10	5	7	5

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