

# Bacteria Report - Total Enterococcus

Sampling Period 04/01/19 - 08/16/19

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.

<u>Watershed</u>	<u>Site: Name</u>	<u>Last Sample Date</u>	<u>Time</u>	<u>Last Sample (Colonies per 100 mL)</u>	<u>Geometric mean (Colonies per 100 mL)</u>	<u>Sample Total</u>
<b>Fresh water sites</b>		<b>EPA Fresh Water Standards for Swimming</b>		<b>185</b>	<b>100</b>	
<b>Broadkill River</b>						
<u>Beaverdam Creek</u>	BR55: Beaverdam Creek at Road 88	8/7/2019	11:48	1,500	336	8
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	8/7/2019	7:20	5	9	8
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	8/7/2019	12:25	201	24	7
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	8/7/2019	11:00	256	841	6
<b>Little Assawoman Bay</b>						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	8/6/2019	8:03	5	18	7
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	8/5/2019	7:56	1,793	513	8
<b>Tidal water sites</b>		<b>EPA Tidal Water Standards for Swimming</b>		<b>104</b>	<b>35</b>	
<b>Broadkill River</b>						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock.	8/6/2019	8:45	132	21	8
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	8/7/2019	6:30	313	67	8
<u>Canary Creek</u>	BR19: Canary Creek at New Road	8/7/2019	12:48	556	371	7
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	8/7/2019	7:03	419	38	8
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	8/7/2019	10:57	1,483	438	8
<b>Delaware Bay</b>						
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	8/15/2019	8:52	10	6	9
<b>Indian River</b>						
<u>Indian River</u>	IR02a: Rosedale crabbing pier	8/5/2019	10:05	31	19	8
<u>Indian River</u>	IR03: Oak Orchard	8/5/2019	8:45	345	95	8
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	8/5/2019	10:50	5	8	8
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	7/22/2019	9:15	1,515	2073	6
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	8/6/2019	7:45	41	49	8
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	8/6/2019	7:42	20	29	4
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	8/6/2019	7:03	121	88	4
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	8/6/2019	8:37	161	41	4
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	6/25/2019	9:15	84	Insufficient data	1
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	8/7/2019	9:05	41	163	8
<u>Vines Creek</u>	IR38: Vines Lane	8/7/2019	8:00	97	167	9
<u>White Creek</u>	IR32: Holly Terrace Acres Canal Dead End, White Creek	8/5/2019	8:32	10	Insufficient data	1
<b>Little Assawoman Bay</b>						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	8/5/2019	7:12	93	24	8
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	8/5/2019	8:10	420	819	8
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	8/5/2019	6:10	4,884	1744	8
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	8/6/2019	7:52	934	418	8
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	8/6/2019	7:38	98	484	8

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<u>Tributary</u>	Site: Name					
<b>Tidal water sites</b>				<b>EPA Tidal Water Standards for Swimming</b>	<b>104</b>	<b>35</b>
<b>Little Assawoman Bay</b>						
<u>Jefferson Creek</u>	SB06: Brandywine Canal	8/6/2019	7:45	448	227	8
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	8/6/2019	7:22	52	67	8
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	8/6/2019	7:00	132	33	8
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	8/6/2019	8:35	10	19	8
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	8/6/2019	7:18	85	34	4
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	8/5/2019	7:22	201	237	8
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	8/5/2019	7:43	6,131	1838	8
<u>Herring Creek</u>	RB90: Burton Prong	8/5/2019	8:30	1,396	446	8
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	8/7/2019	13:05	31	21	6
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	8/7/2019	9:50	328	132	8
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	8/6/2019	6:40	404	285	4
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	8/6/2019	6:50	259	372	4
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Boat Ramp	8/6/2019	7:00	30	164	4
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	8/6/2019	9:00	31	9	4

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