

# Bacteria Report - Total Enterococcus

Sampling Period 4/1/18 - 5/31/18

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	Site: Name	Last Sample Date	Time	Last Sample (Colonies per 100 mL)	Geometric mean (Colonies per 100 mL)	Sample Total
<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	5/23/2018	10:40	145	34	3
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	5/23/2018	7:15	10	21	3
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	5/23/2018	11:30	20	Insufficient data	2
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	4/18/2018	9:30	2,755	Insufficient data	1
<b>Little Assawoman Bay</b>						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	5/22/2018	8:01	5	6	3
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	5/21/2018	8:41	262	421	3
<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.	5/23/2018	8:45	20	16	3
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	5/23/2018	6:00	96	27	3
<u>Canary Creek</u>	BR19: Canary Creek at New Road	5/23/2018	11:59	1,334	Insufficient data	2
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	5/23/2018	8:00	5	Insufficient data	2
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	5/23/2018	10:10	179	164	3
<b>Delaware Bay</b>						
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	5/29/2018	8:28	20	Insufficient data	2
<b>Indian River</b>						
<u>Indian River</u>	IR02a: Rosedale crabbing pier	5/21/2018	9:55	882	117	3
<u>Indian River</u>	IR03: Oak Orchard	5/21/2018	10:12	74	43	3
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	5/21/2018	10:43	5	13	3
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	5/21/2018	9:25	132	622	3
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	5/22/2018	7:43	85	72	3
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	5/22/2018	8:02	97	Insufficient data	1
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	5/22/2018	7:05	10	Insufficient data	1
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	5/22/2018	8:40	199	Insufficient data	1
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	5/22/2018	7:40	30	Insufficient data	1
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	5/22/2018	10:40	73	59	3
<u>Vines Creek</u>	IR38: Vines Lane	5/22/2018	8:00	265	55	3
<b>Little Assawoman Bay</b>						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	5/21/2018	7:16	278	51	3
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	5/21/2018	7:57	554	989	3
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	5/21/2018	6:43	426	740	3
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	5/22/2018	7:41	134	170	3
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	5/22/2018	7:31	256	150	3
<u>Jefferson Creek</u>	SB06: Brandywine Canal	5/22/2018	7:36	160	224	3

Please note that this report is for general information only. The Inland Bays and Broadkill River are under a permanent advisory for recreational contact, in particular after heavy rains.

<b>Watershed</b>		<b>Last Sample Date</b>	<b>Time</b>	<b>Last Sample (Colonies per 100 mL)</b>	<b>Geometric mean (Colonies per 100 mL)</b>	<b>Sample Total</b>
<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>	SB07: Layton Canal, South Bethany	5/22/2018	7:14	31	40	3
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	5/22/2018	8:53	31	29	3
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	5/22/2018	9:10	41	22	3
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	5/22/2018	7:21	5	Insufficient data	1
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	5/21/2018	8:09	243	241	3
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	5/21/2018	8:30	959	1318	3
<u>Herring Creek</u>	RB90: Burton Prong	5/21/2018	9:15	413	317	3
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	5/23/2018	12:10	74	Insufficient data	2
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	5/21/2018	11:42	201	148	3
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	5/22/2018	6:40	121	Insufficient data	1
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	5/22/2018	6:50	63	Insufficient data	1
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Boat Ramp	5/22/2018	6:58	20	Insufficient data	1
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	5/22/2018	9:04	5	Insufficient data	1

Please note that this report is for general information only. The Inland Bays and Broadkill River are under a permanent advisory for recreational contact, in particular after heavy rains.