

# Bacteria Report - Total Enterococcus

Sampling Period 4/1/16 - 8/4/16

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>Diamond Pond</u>	BR48: Diamond Pond at Spillway	7/27/2016	7:05	5	62	7
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	7/27/2016	9:18	20	18	4
<b>Dirickson Pond</b>						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	7/26/2016	8:00	5	10	6
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	7/26/2016	8:18	5,172	634	7
<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.	7/27/2016	8:45	31	16	7
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	7/27/2016	6:10	96	211	7
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	7/27/2016	8:00	345	194	7
<u>Prime Hook Creek</u>	BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	7/27/2016	8:35	145	105	6
<b>Delaware Bay</b>						
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	7/27/2016	6:51	63	62	7
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	7/26/2016	8:41	5	6	6
<b>Indian River</b>						
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	7/26/2016	12:45	5	6	7
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	7/26/2016	12:00	1,585	314	7
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	7/26/2016	7:41	5	11	7
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	7/26/2016	9:05	723	122	4
<u>Vines Creek</u>	IR38: Vines Lane	7/26/2016	7:15	384	102	7
<b>Little Assawoman Bay</b>						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	7/25/2016	7:27	31	14	6
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	7/25/2016	8:09	52	257	7
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	7/25/2016	6:48	689	355	7
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	7/26/2016	7:48	156	139	7
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	7/26/2016	7:35	63	74	7
<u>Jefferson Creek</u>	SB06: Brandywine Canal	7/26/2016	7:41	161	120	7
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	7/26/2016	7:19	5	11	7
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	7/26/2016	10:03	31	18	7
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	7/26/2016	10:20	74	16	7
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	7/26/2016	7:48	265	539	7
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	7/26/2016	8:08	3,873	1239	7
<u>Herring Creek</u>	RB90: Burton Prong	7/26/2016	9:45	336	400	7
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	7/26/2016	9:45	86	60	7

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.

University of Delaware Citizen Monitoring Program

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**Watershed**Tributary

Site: Name

**Last  
Sample  
Date****Time****Last  
Sample  
(Colonies  
per 100 mL)****Geometric  
mean  
(Colonies  
per 100 mL)****Sample  
Total**

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