

# Bacteria Report - Total Enterococcus

Sampling Period 04/01/16 - 06/16/16

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	6/8/2016	7:00	108	117	4
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	6/8/2016	12:00	10	Insufficient data	1
<b>Dirickson Pond</b>						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	5/24/2016	8:00	10	18	3
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	6/7/2016	7:53	2,063	243	4
<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.	6/8/2016	8:45	85	17	4
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	6/8/2016	6:30	209	263	4
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	6/8/2016	11:40	121	89	4
<u>Prime Hook Creek</u>	BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	6/8/2016	11:00	41	60	4
<b>Delaware Bay</b>						
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	6/6/2016	7:33	146	26	4
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	5/31/2016	8:53	5	5	3
<b>Indian River</b>						
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	6/6/2016	10:00	5	6	4
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	6/6/2016	9:16	833	202	4
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	6/7/2016	7:33	131	19	4
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	6/7/2016	7:55	243	Insufficient data	1
<u>Vines Creek</u>	IR38: Vines Lane	6/7/2016	7:45	292	108	4
<b>Little Assawoman Bay</b>						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	6/6/2016	7:17	52	13	4
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	6/6/2016	7:56	1,005	323	4
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	6/6/2016	6:38	3,130	118	4
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	6/7/2016	6:59	41	89	4
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	6/7/2016	6:36	246	69	4
<u>Jefferson Creek</u>	SB06: Brandywine Canal	6/7/2016	6:45	285	112	4
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	6/7/2016	6:14	31	12	4
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	6/7/2016	8:50	10	9	4
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	6/7/2016	8:25	5	16	4
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	6/7/2016	7:21	1,076	666	4
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	6/7/2016	7:39	2,142	714	4

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>Rehoboth Bay</b>						
<u>Herring Creek</u>	RB90: Burton Prong	6/6/2016	9:35	1,576	322	4
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	6/8/2016	10:52	108	29	4

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