

# Bacteria Report - Total Enterococcus

Sampling Period 4/1/15 - 9/3/15

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	8/26/2015	7:00	41	21	9
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	8/26/2015	8:45	5	17	5
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	9/1/2015	10:00	384	336	8
<b>Dirickson Pond</b>						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	8/25/2015	8:02	5	13	9
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	8/24/2015	7:50	637	783	9
<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.	8/26/2015	8:50	10	7	9
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	8/26/2015	6:15	158	107	9
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	8/26/2015	11:50	1,017	333	9
<u>Prime Hook Creek</u>	BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	8/26/2015	11:15	110	168	9
<b>Delaware Bay</b>						
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	8/25/2015	7:16	5	13	9
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	8/26/2015	8:53	5	7	11
<b>Indian River</b>						
<u>Indian River</u>	IR04: Warwick Cove	8/24/2015	9:54	41	13	8
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	8/24/2015	10:23	5	7	9
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	8/24/2015	9:25	2,481	688	9
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	8/25/2015	8:25	85	41	5
<u>Vines Creek</u>	IR38: Vines Lane	8/25/2015	8:00	41	39	9
<u>White Creek</u>	IR32: Holly Terrace Acres Canal Dead End, White Creek	8/24/2015	6:30	10	36	6
<b>Little Assawoman Bay</b>						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	8/24/2015	6:59	5	15	9
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	8/24/2015	7:54	504	230	9
<u>Dirickson Creek</u>	LA27: Upper Dirickson Creek @ Johnson Rd Bridge	8/25/2015	6:20	393	Insufficient data	1
<u>Dirickson Creek</u>	LA28: Upper Dirickson Creek @ Smokey Hollow	8/25/2015	6:55	1,664	Insufficient data	1
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	8/24/2015	6:13	158	438	8
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	8/25/2015	7:33	2,187	381	9
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	8/25/2015	7:22	359	126	9
<u>Jefferson Creek</u>	SB06: Brandywine Canal	8/25/2015	7:27	41	172	9
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	8/25/2015	7:41	31	37	9
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	8/25/2015	9:13	5	24	9
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	8/25/2015	9:25	31	16	9

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>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	8/24/2015	8:30	1,401	1153	9
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	8/24/2015	7:37	10,462	2238	9
<u>Herring Creek</u>	RB90: Burton Prong	8/24/2015	8:50	677	340	9
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	8/25/2015	11:13	327	138	9
<u>Love Creek</u>	RB80: Upper Love Creek at Webb Landing	9/2/2015	12:51	63	41	3

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