

# Bacteria Report - Total Enterococcus

Sampling Period 4/1/15 - 9/24/15

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	9/16/2015	8:15	31	22	10
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	9/16/2015	10:00	5	14	6
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	9/17/2015	8:10	197	317	9
<b>Dirickson Pond</b>						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	9/15/2015	7:35	5	12	10
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	9/14/2015	8:06	2,063	863	10
<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.	9/16/2015	8:45	5	7	10
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	9/16/2015	6:30	63	101	10
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	9/16/2015	12:12	175	313	10
<u>Prime Hook Creek</u>	BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	9/16/2015	11:43	41	146	10
<b>Delaware Bay</b>						
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	9/15/2015	7:23	5	12	10
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	9/23/2015	8:07	10	7	13
<b>Indian River</b>						
<u>Indian River</u>	IR04: Warwick Cove	9/14/2015	9:58	31	14	9
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	9/14/2015	10:32	5	7	10
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	9/14/2015	9:32	156	593	10
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	9/15/2015	7:35	10	32	6
<u>Vines Creek</u>	IR38: Vines Lane	9/15/2015	8:00	98	43	10
<u>White Creek</u>	IR32: Holly Terrace Acres Canal Dead End, White Creek	9/14/2015	7:58	120	43	7
<b>Little Assawoman Bay</b>						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	9/14/2015	7:10	20	16	10
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	9/14/2015	8:00	855	262	10
<u>Dirickson Creek</u>	LA27: Upper Dirickson Creek @ Johnson Rd Bridge	9/15/2015	6:48	884	Insufficient data	2
<u>Dirickson Creek</u>	LA28: Upper Dirickson Creek @ Smokey Hollow	9/15/2015	7:07	2,602	Insufficient data	2
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	9/14/2015	6:23	2,143	522	9
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	9/15/2015	7:48	1,211	428	10
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	9/15/2015	7:39	1,017	155	10
<u>Jefferson Creek</u>	SB06: Brandywine Canal	9/15/2015	7:42	253	178	10
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	9/15/2015	7:02	41	38	10
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	9/15/2015	8:50	20	24	10
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	9/15/2015	8:01	10	16	10

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)	9/14/2015	11:00	959	1132	10
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	9/14/2015	7:50	2,187	2233	10
<u>Herring Creek</u>	RB90: Burton Prong	9/14/2015	9:30	309	337	10
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	9/15/2015	11:03	63	127	10
<u>Love Creek</u>	RB80: Upper Love Creek at Webb Landing	9/23/2015	8:00	350	88	6

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