

# Bacteria Report - Total Enterococcus

Sampling Period 4/1/15 - 8/20/15

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.

<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>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	8/12/2015	7:30	41	19	8
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	8/12/2015	10:00	10	24	4
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	8/12/2015	9:30	141	330	7
<b>Dirickson Pond</b>						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	8/11/2015	8:35	41	14	8
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	8/10/2015	7:53	292	804	8
<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.	8/12/2015	8:45	5	6	8
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	8/12/2015	6:10	187	101	8
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	8/12/2015	11:20	171	290	8
<u>Prime Hook Creek</u>	BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	8/12/2015	10:47	187	177	8
<b>Delaware Bay</b>						
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	8/13/2015	7:04	5	15	8
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	8/20/2015	8:53	5	7	10
<b>Indian River</b>						
<u>Indian River</u>	IR04: Warwick Cove	8/10/2015	9:55	63	11	7
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	8/10/2015	10:28	5	8	8
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	8/10/2015	9:25	1,421	586	8
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	8/11/2015	7:40	109	34	4
<u>Vines Creek</u>	IR38: Vines Lane	8/11/2015	8:15	231	39	8
<u>White Creek</u>	IR32: Holly Terrace Acres Canal Dead End, White Creek	8/10/2015	7:00	20	47	5
<b>Little Assawoman Bay</b>						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	8/10/2015	7:07	100	17	8
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	8/10/2015	8:01	173	208	8
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	8/10/2015	6:20	299	507	7
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	8/11/2015	7:45	8,164	306	8
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	8/11/2015	7:40	9,208	111	8
<u>Jefferson Creek</u>	SB06: Brandywine Canal	8/11/2015	7:36	17,329	205	8
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	8/11/2015	7:16	2,909	38	8
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	8/11/2015	8:55	754	29	8
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	8/11/2015	7:50	1,043	15	8

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.

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<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)	8/10/2015	8:00	3,076	1125	8
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	8/10/2015	7:43	1,247	1846	8
<u>Herring Creek</u>	RB90: Burton Prong	8/10/2015	9:10	160	312	8
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	8/11/2015	10:30	432	123	8
<u>Love Creek</u>	RB80: Upper Love Creek at Webb Landing	8/19/2015	12:30	5	Insufficient data	1

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