

# Bacteria Report - Total Enterococcus

Sampling Period 4/1/16 - 10/31/16

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		Last Sample Date	Time	Last Sample (Colonies per 100 mL)	Geometric mean (Colonies per 100 mL)	Sample Total
<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	10/12/2016	7:45	86	41	11
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	8/24/2016	11:25	5	15	6
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	10/13/2016	9:30	235	61	4
<b>Dirickson Pond</b>						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	10/11/2016	7:40	20	9	10
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	10/11/2016	8:04	85	704	11
<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.	10/13/2016	8:45	5	13	11
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	10/12/2016	7:50	63	125	11
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	10/12/2016	11:25	327	225	11
<u>Prime Hook Creek</u>	BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	10/12/2016	10:55	5	79	9
<b>Delaware Bay</b>						
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	10/13/2016	7:05	10	50	11
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	10/11/2016	9:01	31	7	10
<b>Indian River</b>						
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	10/10/2016	10:25	50	7	11
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	10/10/2016	9:45	12,033	607	11
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	10/11/2016	8:35	211	15	11
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	9/13/2016	8:45	185	117	6
<u>Vines Creek</u>	IR38: Vines Lane	10/11/2016	10:32	1,782	94	11
<b>Little Assawoman Bay</b>						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	10/10/2016	7:27	2,613	21	10
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	10/10/2016	8:24	9,208	301	11
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	10/10/2016	6:53	5,172	584	11
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	10/11/2016	7:43	1,054	239	11
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	10/11/2016	7:38	309	91	11
<u>Jefferson Creek</u>	SB06: Brandywine Canal	10/11/2016	7:34	265	70	11
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	10/11/2016	7:18	246	14	11
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	10/11/2016	9:05	318	20	11
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	10/11/2016	9:20	187	17	11
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	10/11/2016	7:25	496	298	11
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	10/11/2016	7:53	443	1033	11
<u>Herring Creek</u>	RB90: Burton Prong	10/10/2016	9:10	583	407	11

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

<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>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	10/10/2016	11:10	2,224	130	11

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.