

# Bacteria Report - Total Enterococcus

Sampling Period 4/1/19 - 9/30/19

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>Beaverdam Creek</u>	BR55: Beaverdam Creek at Road 88	9/11/2019	11:15	301	371	10
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	9/11/2019	8:30	52	13	10
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	9/11/2019	11:51	52	31	9
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	9/11/2019	10:25	394	716	8
<b>Little Assawoman Bay</b>						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	9/10/2019	7:55	5	22	10
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	9/9/2019	8:35	754	606	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.	9/11/2019	8:45	5	17	10
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	9/11/2019	6:50	142	76	10
<u>Canary Creek</u>	BR19: Canary Creek at New Road	9/11/2019	12:05	536	352	9
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	9/25/2019	7:17	20	31	10
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	9/11/2019	10:15	504	484	10
<b>Delaware Bay</b>						
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	9/10/2019	8:36	5	6	12
<b>Indian River</b>						
<u>Indian River</u>	IR02a: Rosedale crabbing pier	9/9/2019	10:20	52	20	10
<u>Indian River</u>	IR03: Oak Orchard	9/9/2019	8:15	122	93	10
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	9/9/2019	11:05	5	7	10
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	9/26/2019	8:32	605	1768	8
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	9/12/2019	7:40	187	69	10
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	9/10/2019	12:17	31	53	6
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	9/10/2019	11:01	5	81	6
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	9/10/2019	12:57	52	50	6
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	6/25/2019	9:15	84	Insufficient data	1
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	9/10/2019	8:00	121	165	10
<u>Vines Creek</u>	IR38: Vines Lane	9/10/2019	8:30	52	153	11
<u>White Creek</u>	IR32: Holly Terrace Acres Canal Dead End, White Creek	8/5/2019	8:32	10	Insufficient data	1
<b>Little Assawoman Bay</b>						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	9/10/2019	7:14	5	33	10
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	9/10/2019	7:52	86	920	10
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	9/10/2019	8:21	934	1974	10
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	9/10/2019	7:55	20	317	10
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	9/10/2019	7:45	292	428	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>Little Assawoman Bay</b>						
<u>Jefferson Creek</u>	SB06: Brandywine Canal	9/10/2019	7:39	30	152	10
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	9/10/2019	7:11	10	46	10
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	9/10/2019	7:30	20	48	10
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	9/10/2019	8:17	31	25	10
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	9/10/2019	11:30	10	27	5
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	9/9/2019	8:03	86	228	10
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	9/9/2019	8:24	1,553	1914	10
<u>Herring Creek</u>	RB90: Burton Prong	9/9/2019	9:00	173	406	10
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	9/11/2019	12:20	20	25	8
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	9/9/2019	9:56	143	140	10
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	9/10/2019	10:15	52	243	6
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	9/10/2019	10:36	119	298	6
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Kayak Ramp	9/10/2019	10:46	10	131	6
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	9/10/2019	13:17	10	11	6

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.