

# Bacteria Report - Total Enterococcus

Sampling Period: 4/1/2020 - 8/28/2020

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>Beaverdam Creek</u>	BR55: Beaverdam Creek at Road 88	8/26/2020	11:21	1,515	935	6
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	8/26/2020	8:40	25,000	144	6
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	8/26/2020	12:22	10	42	5
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	8/12/2020	8:00	3,130	581	4
<b>Little Assawoman Bay</b>						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	8/25/2020	8:05	5	6	6
<b>Nanticoke River</b>						
<u>Broad Creek</u>	PREC: Record's Pond	8/20/2020	10:24	441	859	3
<u>Clear Brook</u>	PWIL: Williams Pond at spillway in Seaford	8/20/2020	11:09	41	132	3
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	8/24/2020	7:57	288	1034	6
<b>Rehoboth Beach</b>						
<u>Lake Gerar</u>	RL10: Lake Gerar bridge	8/27/2020	10:12	20	Insufficient data	1
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	8/27/2020	10:21	52	107	4
<u>Silver Lake</u>	RL01: Silver Lake, Lake Drive Bridge	8/27/2020	10:45	5	Insufficient data	1
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	8/27/2020	10:35	30	153	4
<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	8/26/2020	10:22	73	17	6
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	8/26/2020	7:13	292	136	6
<u>Canary Creek</u>	BR19: Canary Creek at New Road	8/26/2020	12:36	160	643	4
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd.	8/25/2020	7:09	52	38	6
<b>Delaware Bay</b>						
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	8/25/2020	9:51	5	5	5
<b>Indian River</b>						
<u>Indian River</u>	IR02A: Rosedale crabbing pier	8/24/2020	8:52	75	24	6
<u>Indian River</u>	IR03: Oak Orchard	8/24/2020	8:55	31	84	6
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	8/24/2020	10:32	10	9	6
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	6/29/2020	8:55	3,255	Insufficient data	1
<u>Indian River</u>	IR26a: Peterson's pier, Possum Point	8/25/2020	11:50	62	612	4
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	8/25/2020	7:11	41	41	6
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	7/29/2020	8:05	243	Insufficient data	1
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	7/29/2020	7:26	30	Insufficient data	1
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	7/29/2020	8:32	20	Insufficient data	1

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>	<u>Site: Name</u>					
<b><u>Tidal water sites</u></b>		<b><u>EPA Tidal Water Standards for Swimming</u></b>		<b><u>104</u></b>	<b><u>35</u></b>	
<b>Indian River</b>						
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	7/29/2020	7:51	214	Insufficient data	1
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	8/25/2020	8:30	52	79	6
<u>Vines Creek</u>	IR38: Vines Lane	8/25/2020	10:05	10	44	6
<u>White Creek</u>	IR32: Holly Terrace Acres Canal Dead End, White Creek	8/10/2020	9:12	20	48	3
<b>Little Assawoman Bay</b>						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	8/24/2020	8:52	20	20	6
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	8/24/2020	8:30	161	200	6
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	8/25/2020	7:27	96	170	6
<u>Jefferson Creek</u>	SB04: Petherton canal at Rt1	8/25/2020	7:31	185	318	6
<u>Jefferson Creek</u>	SB06: Brandywine Canal	8/25/2020	7:37	393	358	6
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	8/25/2020	7:19	5	21	6
<u>Little Assawoman Bay</u>	LA41: Coastal Kayaks, knee deep wading sample	7/22/2020	9:05	20	Insufficient data	1
<u>Little Assawoman Bay</u>	LA42: Narrows Beach, off of Rt. 1 south of South Bethany knee deep wading sample.	8/3/2020	8:20	30	25	3
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	8/25/2020	7:15	20	33	6
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	8/25/2020	8:52	31	15	6
<b>Rehoboth Bay</b>						
<u>Bald Eagle Creek</u>	RB64: Torquay Canal, west side of Land's End near UD Site #1	6/29/2020	9:35	20	Insufficient data	1
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	8/24/2020	7:26	733	896	6
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	8/24/2020	7:46	3,255	4533	6
<u>Herring Creek</u>	RB90: Burton Prong	8/24/2020	9:20	249	905	6
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	8/12/2020	10:01	776	62	3
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	8/24/2020	9:25	2,909	341	6
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	7/29/2020	7:02	5	Insufficient data	1
<u>Rehoboth Bay</u>	RB38: Joy Beach-bay	8/5/2020	14:17	10	Insufficient data	1
<u>Rehoboth Bay</u>	RB44: Camp Arrowhead (camp pier)	8/18/2020	9:55	20	42	3
<u>Rehoboth Bay</u>	RB50: Delaware Seashore State Park at New Road; knee deep wading sample	6/30/2020	8:46	63	Insufficient data	1
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	8/3/2020	9:15	265	165	4
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Kayak Ramp	7/29/2020	7:20	206	Insufficient data	1
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	7/29/2020	8:56	20	Insufficient data	1

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.