

# Bacteria Report - Total Enterococcus

Sampling Period: 4/1/2020 - 9/30/2020

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	9/16/2020	10:12	336	808	7
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	9/16/2020	7:20	10	98	7
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	9/16/2020	11:15	5	29	6
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	9/16/2020	11:00	41	342	5
<b>Little Assawoman Bay</b>						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	9/15/2020	8:03	5	6	7
<b>Nanticoke River</b>						
<u>Broad Creek</u>	PREC: Record's Pond	9/3/2020	9:23	1,259	945	4
<u>Clear Brook</u>	PWIL: Williams Pond at spillway in Seaford	9/3/2020	9:58	74	114	4
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	9/14/2020	7:51	441	916	7
<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	9/10/2020	10:01	2,755	205	5
<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	9/10/2020	10:15	323	178	5
<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	9/16/2020	9:25	5	14	7
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	9/16/2020	7:15	31	110	7
<u>Canary Creek</u>	BR19: Canary Creek at New Road	9/16/2020	11:40	336	565	5
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd.	9/15/2020	6:59	10	31	7
<b>Delaware Bay</b>						
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	9/23/2020	8:47	10	6	6
<b>Indian River</b>						
<u>Indian River</u>	IR02A: Rosedale crabbing pier	9/14/2020	9:50	63	28	7
<u>Indian River</u>	IR03: Oak Orchard	9/14/2020	9:10	52	78	7
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	9/14/2020	10:30	10	9	7
<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	9/15/2020	9:54	146	460	5
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	9/15/2020	8:00	292	54	7
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	9/2/2020	8:56	98	Insufficient data	2
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	9/2/2020	8:10	465	Insufficient data	2
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	9/2/2020	9:21	10	Insufficient data	2

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	9/2/2020	8:35	226	Insufficient data	2
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	9/15/2020	8:00	3,255	135	7
<u>Vines Creek</u>	IR38: Vines Lane	9/15/2020	8:15	75	47	7
<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	9/14/2020	8:52	5	16	7
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	9/14/2020	8:25	5,172	319	7
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	9/15/2020	7:30	97	157	7
<u>Jefferson Creek</u>	SB04: Petherton canal at Rt1	9/15/2020	7:54	30	227	7
<u>Jefferson Creek</u>	SB06: Brandywine Canal	9/15/2020	7:48	122	307	7
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	9/15/2020	7:19	31	23	7
<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.	8/31/2020	8:45	41	29	4
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	9/15/2020	7:00	10	28	7
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	9/15/2020	9:20	10	14	7
<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)	9/14/2020	7:20	1,658	979	7
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	9/14/2020	7:41	3,255	4324	7
<u>Herring Creek</u>	RB90: Burton Prong	9/14/2020	9:05	2,909	1069	7
<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	9/14/2020	10:20	473	357	7
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	9/2/2020	7:50	5	Insufficient data	2
<u>Rehoboth Bay</u>	RB38: Joy Beach-bay	9/15/2020	11:03	30	32	3
<u>Rehoboth Bay</u>	RB44: Camp Arrowhead (camp pier)	9/15/2020	10:44	10	24	5
<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	9/14/2020	10:58	73	60	7
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Kayak Ramp	9/2/2020	8:05	10	Insufficient data	2
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	9/2/2020	9:46	109	Insufficient data	2

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