

Bacteria Report - Total Enterococcus

Sampling Period: 4/1/2020 - 7/17/2020

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		Last Sample Date	Time	Last Sample (Colonies per 100 mL)	Geometric mean (Colonies per 100 mL)	Sample Total
<u>Tributary</u>	<u>Site: Name</u>					
Fresh water sites		<u>EPA Fresh Water Standards for Swimming</u>		185	100	
Broadkill River						
<u>Beaverdam Creek</u>	BR55: Beaverdam Creek at Road 88	7/15/2020	10:32	1,354	571	3
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	7/15/2020	7:45	10	95	3
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	7/15/2020	11:25	10	Insufficient data	2
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	7/16/2020	12:15	292	332	3
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	7/14/2020	10:38	20	8	3
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	7/13/2020	8:05	2,187	1798	3
Rehoboth Beach						
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	7/16/2020	10:00	450	Insufficient data	1
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	7/16/2020	10:13	211	Insufficient data	1
Tidal water sites		<u>EPA Tidal Water Standards for Swimming</u>		104	35	
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock	7/15/2020	9:15	10	10	3
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	7/15/2020	5:55	318	104	3
<u>Canary Creek</u>	BR19: Canary Creek at New Road	7/15/2020	10:58	384	Insufficient data	1
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd.	7/14/2020	6:58	31	21	3
Delaware Bay						
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	7/9/2020	8:16	5	5	3
Indian River						
<u>Indian River</u>	IR02A: Rosedale crabbing pier	7/13/2020	9:20	5	10	3
<u>Indian River</u>	IR03: Oak Orchard	7/13/2020	9:00	341	105	3
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	7/13/2020	10:18	5	6	3
<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	7/14/2020	8:45	4,352	Insufficient data	1
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	7/14/2020	8:06	314	131	3
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	7/14/2020	8:00	85	106	3
<u>Vines Creek</u>	IR38: Vines Lane	7/14/2020	8:00	20	64	3
<u>White Creek</u>	IR32: Holly Terrace Acres Canal Dead End, White Creek	7/13/2020	9:17	86	Insufficient data	1
Little Assawoman Bay						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	7/13/2020	8:30	52	17	3
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	7/13/2020	8:30	350	254	3
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	7/14/2020	7:36	191	358	3
<u>Jefferson Creek</u>	SB04: Petherton canal at Rt1	7/14/2020	7:45	1,162	561	3

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.

Watershed		Last Sample Date	Time	Last Sample (Colonies per 100 mL)	Geometric mean (Colonies per 100 mL)	Sample Total
<u>Tributary</u>	<u>Site: Name</u>					
<u>Tidal water sites</u>		<u>EPA Tidal Water Standards for Swimming</u>		<u>104</u>	<u>35</u>	
Little Assawoman Bay						
<u>Jefferson Creek</u>	SB06: Brandywine Canal	7/14/2020	7:48	404	467	3
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	7/14/2020	7:16	5	73	3
<u>Little Assawoman Bay</u>	LA42: Narrows Beach, off of Rt. 1 south of South Bethany knee deep wading sample.	6/29/2020	8:30	5	Insufficient data	1
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	7/14/2020	7:30	20	53	3
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	7/14/2020	8:52	10	12	3
Rehoboth Bay						
<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)	7/13/2020	7:35	663	981	3
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	7/13/2020	7:54	1,860	2679	3
<u>Herring Creek</u>	RB90: Burton Prong	7/13/2020	9:00	1,860	1044	3
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	7/15/2020	10:47	30	Insufficient data	1
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	7/13/2020	9:20	677	211	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	6/30/2020	9:00	52	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.