

Bacteria Report - Total Enterococcus

Sampling Period: 4/1/2020 - 7/2/2020

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
Fresh water sites		EPA Fresh Water Standards for Swimming		185	100	
Broadkill River						
<u>Beaverdam Creek</u>	BR55: Beaverdam Creek at Road 88	6/24/2020	10:15	520	Insufficient data	2
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	6/24/2020	8:00	20	Insufficient data	2
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	6/24/2020	10:55	30	Insufficient data	1
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	7/1/2020	14:45	25,000	Insufficient data	1
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	6/23/2020	8:00	5	Insufficient data	2
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	6/22/2020	8:45	3,255	Insufficient data	2
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock	6/24/2020	8:55	20	Insufficient data	2
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	6/24/2020	7:20	350	Insufficient data	2
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd.	6/23/2020	7:33	63	Insufficient data	2
Delaware Bay						
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	6/23/2020	8:51	5	Insufficient data	2
Indian River						
<u>Indian River</u>	IR02A: Rosedale crabbing pier	6/22/2020	10:05	20	Insufficient data	2
<u>Indian River</u>	IR03: Oak Orchard	6/22/2020	7:30	169	Insufficient data	2
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	6/22/2020	10:42	5	Insufficient data	2
<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>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	6/23/2020	7:55	175	Insufficient data	2
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	6/23/2020	8:00	52	Insufficient data	2
<u>Vines Creek</u>	IR38: Vines Lane	6/23/2020	8:15	110	Insufficient data	2
Little Assawoman Bay						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	6/22/2020	8:59	20	Insufficient data	2
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	6/22/2020	8:35	546	Insufficient data	2
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	6/23/2020	7:28	12,033	Insufficient data	2
<u>Jefferson Creek</u>	SB04: Petherton canal at Rt1	6/23/2020	7:35	1,553	Insufficient data	2
<u>Jefferson Creek</u>	SB06: Brandywine Canal	6/23/2020	7:46	2,359	Insufficient data	2
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	6/23/2020	7:18	7,701	Insufficient data	2
<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	6/23/2020	8:00	727	Insufficient data	2
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	6/23/2020	8:31	31	Insufficient data	2
Rehoboth Bay						

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>					

Tidal water sites

EPA Tidal Water Standards for Swimming

104

35

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)	6/22/2020	8:12	5,172	Insufficient data	2
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	6/22/2020	8:34	5,794	Insufficient data	2
<u>Herring Creek</u>	RB90: Burton Prong	6/22/2020	9:15	759	Insufficient data	2
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	6/23/2020	10:15	146	Insufficient data	2
<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

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