

Bacteria Report - Total Enterococcus

Sampling Period 4/1/19 - 07/05/19

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	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	6/26/2019	10:55	738	137	5
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	6/26/2019	11:12	5	9	5
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	6/26/2019	11:40	5	10	4
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	6/26/2019	14:00	2,382	1225	4
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	6/25/2019	8:01	10	17	5
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	6/24/2019	8:17	295	336	5
Tidal water sites						
EPA Tidal Water Standards for Swimming				104	35	
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock.	6/27/2019	9:00	10	8	5
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	6/26/2019	6:32	122	27	5
<u>Canary Creek</u>	BR19: Canary Creek at New Road	6/26/2019	11:51	481	199	4
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	6/26/2019	7:19	10	11	5
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	6/26/2019	9:55	754	173	5
Delaware Bay						
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	6/26/2019	8:56	5	6	7
Indian River						
<u>Indian River</u>	IR02a: Rosedale crabbing pier	6/24/2019	9:18	10	20	5
<u>Indian River</u>	IR03: Oak Orchard	6/24/2019	8:20	187	83	5
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	6/24/2019	10:08	5	11	5
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	6/24/2019	8:50	1,291	1835	4
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	6/25/2019	7:50	10	42	5
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	6/25/2019	9:40	10	Insufficient data	1
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	6/25/2019	8:40	201	Insufficient data	1
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	6/25/2019	10:10	20	Insufficient data	1
<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	6/25/2019	9:50	41	287	5
<u>Vines Creek</u>	IR38: Vines Lane	6/25/2019	6:45	52	168	6
Little Assawoman Bay						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	6/25/2019	6:45	10	17	5
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	6/25/2019	7:30	109	1237	5
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	6/25/2019	6:02	455	686	5
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	6/25/2019	7:32	98	239	5
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	6/25/2019	7:45	6,131	1317	5
<u>Jefferson Creek</u>	SB06: Brandywine Canal	6/25/2019	7:50	52	157	5

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Watershed		Last Sample Date	Time	Last Sample (Colonies per 100 mL)	Geometric mean (Colonies per 100 mL)	Sample Total
<u>Tributary</u>	Site: Name					
Tidal water sites				EPA Tidal Water Standards for Swimming	104	35
Little Assawoman Bay						
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	6/25/2019	7:56	20	79	5
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	6/25/2019	8:30	20	27	5
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	6/25/2019	7:50	31	19	5
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	6/25/2019	9:00	52	Insufficient data	1
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	6/24/2019	7:48	364	286	5
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	6/24/2019	8:06	2,143	1060	5
<u>Herring Creek</u>	RB90: Burton Prong	6/24/2019	9:15	601	283	5
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	6/26/2019	12:03	10	8	3
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	6/25/2019	10:45	201	102	5
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	6/25/2019	8:10	161	Insufficient data	1
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	6/25/2019	8:15	175	Insufficient data	1
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Kayak Ramp	6/25/2019	8:30	1,935	Insufficient data	1
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	6/25/2019	10:35	5	Insufficient data	1

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