

Bacteria Report - Total Enterococcus

Sampling Period 04/01/19 - 08/02/19

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		Last Sample Date	Time	Last Sample (Colonies per 100 mL)	Geometric mean (Colonies per 100 mL)	Sample Total
<u>Tributary</u>	Site: Name					
Fresh water sites		EPA Fresh Water Standards for Swimming		185	100	
Broadkill River						
<u>Beaverdam Creek</u>	BR55: Beaverdam Creek at Road 88	7/24/2019	11:09	2,143	272	7
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	7/24/2019	8:30	20	10	7
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	7/24/2019	11:53	122	17	6
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	7/10/2019	12:00	613	1066	5
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	7/23/2019	7:40	173	22	6
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	7/22/2019	8:30	960	429	7
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock.	7/24/2019	8:50	399	16	7
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	7/24/2019	6:28	529	54	7
<u>Canary Creek</u>	BR19: Canary Creek at New Road	7/24/2019	12:15	2,909	347	6
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	7/23/2019	7:06	488	27	7
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	7/24/2019	10:15	4,352	368	7
Delaware Bay						
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	7/22/2019	9:23	5	5	8
Indian River						
<u>Indian River</u>	IR02a: Rosedale crabbing pier	7/22/2019	9:43	5	18	7
<u>Indian River</u>	IR03: Oak Orchard	7/22/2019	8:45	41	79	7
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	7/22/2019	10:21	5	9	7
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	7/22/2019	9:15	1,515	2073	6
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	7/23/2019	7:43	20	50	7
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	7/23/2019	9:00	187	33	3
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	7/23/2019	8:23	122	79	3
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	7/23/2019	9:40	85	26	3
<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	7/23/2019	8:00	31	198	7
<u>Vines Creek</u>	IR38: Vines Lane	7/23/2019	7:30	314	179	8
Little Assawoman Bay						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	7/23/2019	7:03	52	20	7
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	7/23/2019	7:50	689	901	7
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	7/23/2019	6:09	25,000	1506	7
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	7/23/2019	7:56	17,329	372	7
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	7/23/2019	7:43	388	608	7
<u>Jefferson Creek</u>	SB06: Brandywine Canal	7/23/2019	7:48	1,396	206	7

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<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	7/23/2019	8:05	251	69	7
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	7/23/2019	8:25	41	27	7
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	7/23/2019	8:47	86	21	7
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	7/23/2019	8:40	31	25	3
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	7/22/2019	8:02	98	242	7
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	7/22/2019	8:19	5,172	1548	7
<u>Herring Creek</u>	RB90: Burton Prong	7/22/2019	9:15	288	379	7
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	7/24/2019	12:26	134	19	5
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	7/25/2019	9:02	292	115	7
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	7/23/2019	8:00	3,282	254	3
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	7/23/2019	8:05	3,873	420	3
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Boat Ramp	7/23/2019	8:15	148	289	3
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	7/23/2019	10:05	10	6	3

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