

Bacteria Report - Total Enterococcus

Sampling Period 4/1/18 - 6/21/18

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	6/13/2018	11:01	426	63	4
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	6/13/2018	7:45	31	23	4
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	6/13/2018	12:06	31	23	3
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	6/13/2018	10:00	733	Insufficient data	2
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	6/12/2018	8:20	10	7	4
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	6/12/2018	8:59	185	343	4
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock.	6/13/2018	8:50	5	12	4
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	6/13/2018	11:32	52	32	4
<u>Canary Creek</u>	BR19: Canary Creek at New Road	6/13/2018	12:21	441	728	3
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	6/6/2018	8:00	10	6	3
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	6/13/2018	10:42	120	152	4
Delaware Bay						
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	6/19/2018	8:52	5	7	5
Indian River						
<u>Indian River</u>	IR02a: Rosedale crabbing pier	6/11/2018	9:45	1,354	216	4
<u>Indian River</u>	IR03: Oak Orchard	6/11/2018	8:15	563	82	4
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	6/11/2018	10:25	10	12	4
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	6/11/2018	9:22	3,873	983	4
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	6/12/2018	7:45	85	75	4
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	6/19/2018	7:20	41	67	3
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	6/19/2018	6:25	5	8	3
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	6/19/2018	8:00	74	113	3
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	6/19/2018	7:00	31	109	3
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	6/12/2018	10:48	520	102	4
<u>Vines Creek</u>	IR38: Vines Lane	6/12/2018	10:30	226	78	4
Little Assawoman Bay						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	6/13/2018	7:16	135	65	4
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	6/13/2018	6:14	416	796	4
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	6/13/2018	5:32	472	662	4
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	6/12/2018	7:44	63	133	4
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	6/12/2018	7:37	74	126	4
<u>Jefferson Creek</u>	SB06: Brandywine Canal	6/12/2018	7:33	122	192	4

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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	6/12/2018	7:12	73	47	4
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	6/12/2018	7:50	10	22	4
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	6/12/2018	8:26	41	26	4
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	6/19/2018	6:40	10	40	3
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	6/12/2018	8:18	613	304	4
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	6/12/2018	8:42	816	1169	4
<u>Herring Creek</u>	RB90: Burton Prong	6/12/2018	9:00	620	375	4
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	6/13/2018	12:15	20	19	3
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	6/11/2018	10:58	465	197	4
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	6/19/2018	5:57	97	142	3
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	6/19/2018	6:03	452	320	3
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Boat Ramp	6/19/2018	6:15	1,233	100	3
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	6/19/2018	8:30	5	12	3

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