

Bacteria Report - Total Enterococcus

Sampling Period 4/1/15 - 7/23/15

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>Diamond Pond</u>	BR48: Diamond Pond at Spillway	7/15/2015	7:05	50	21	6
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	7/16/2015	9:00	160	Insufficient data	2
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	7/15/2015	9:15	309	501	5
Dirickson Pond						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	7/14/2015	8:00	10	14	6
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	7/13/2015	7:49	1,354	581	6
Tidal water sites						
EPA Tidal Water Standards for Swimming				104	35	
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock.	7/15/2015	8:50	5	6	6
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	7/15/2015	6:10	272	89	6
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	7/15/2015	11:46	816	298	6
<u>Prime Hook Creek</u>	BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	7/15/2015	11:17	161	184	6
Delaware Bay						
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	7/15/2015	9:08	5	21	6
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	7/14/2015	8:46	5	5	8
Indian River						
<u>Indian River</u>	IR04: Warwick Cove	7/13/2015	9:40	5	6	5
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	7/13/2015	10:12	10	9	6
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	7/13/2015	9:15	959	272	6
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	7/14/2015	7:35	63	Insufficient data	2
<u>Vines Creek</u>	IR38: Vines Lane	7/14/2015	7:15	20	41	6
<u>White Creek</u>	IR32: Holly Terrace Acres Canal Dead End, White Creek	7/13/2015	8:36	10	41	3
Little Assawoman Bay						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	7/13/2015	6:34	10	14	6
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	7/13/2015	7:14	143	297	6
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	7/13/2015	7:07	988	525	5
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	7/14/2015	7:37	86	197	6
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	7/14/2015	7:27	20	57	6
<u>Jefferson Creek</u>	SB06: Brandywine Canal	7/14/2015	7:31	5	83	6
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	7/14/2015	7:12	20	21	6
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	7/14/2015	8:54	906	18	6
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	7/14/2015	8:13	5	8	6
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	7/13/2015	8:30	4,106	704	6

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>	Site: Name					
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
Rehoboth Bay						
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	7/13/2015	7:36	14,136	1326	6
<u>Herring Creek</u>	RB90: Burton Prong	7/13/2015	9:30	539	266	6
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	7/14/2015	10:52	216	76	6

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