

Bacteria Report - Total Enterococcus

Sampling Period 04/01/16 - 9/29/16

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>Diamond Pond</u>	BR48: Diamond Pond at Spillway	9/14/2016	7:40	20	38	10
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	8/24/2016	11:25	5	15	6
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	9/28/2016	9:30	1,182	39	3
Dirickson Pond						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	9/13/2016	7:51	5	8	9
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	9/12/2016	8:02	984	869	10
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock.	9/14/2016	8:45	5	14	10
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	9/14/2016	6:45	131	134	10
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	9/14/2016	12:10	487	216	10
<u>Prime Hook Creek</u>	BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	9/14/2016	11:03	31	112	8
Delaware Bay						
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	9/20/2016	10:15	5	59	10
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	9/20/2016	8:26	5	6	9
Indian River						
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	9/12/2016	9:49	10	6	10
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	9/12/2016	9:08	9,804	450	10
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	9/13/2016	7:43	20	11	10
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	9/13/2016	8:45	185	117	6
<u>Vines Creek</u>	IR38: Vines Lane	9/13/2016	8:00	5	70	10
Little Assawoman Bay						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	9/12/2016	8:05	5	13	9
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	9/13/2016	8:08	262	214	10
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	9/12/2016	8:35	285	469	10
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	9/13/2016	7:29	960	206	10
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	9/13/2016	7:18	74	80	10
<u>Jefferson Creek</u>	SB06: Brandywine Canal	9/13/2016	7:22	5	61	10
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	9/13/2016	7:37	10	11	10
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	9/13/2016	9:00	5	15	10
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	9/13/2016	8:30	10	14	10
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	9/12/2016	7:32	86	283	10
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	9/12/2016	7:50	292	1124	10
<u>Herring Creek</u>	RB90: Burton Prong	9/12/2016	9:15	305	392	10

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.

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<u>Tributary</u>	Site: Name					
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
Rehoboth Bay						
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	9/12/2016	11:28	495	98	10

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