

Bacteria Report - Total Enterococcus All data 4/01/2012- 8/16/2012

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.

Water Body Tributary Site	Last Sample Date	Time	Last Sample (Colonies per 100 mL)	Geometric mean, April 1 to present (Colonies per 100 mL)	# of Samples, April 1 to Present
Fresh water sites ----- standards for swimming ----- 185 ----- 100 -----					
Broadkill River					
<u>Diamond Pond</u>					
BR48: Diamond Pond	8/8/2012	10:51	5	5	8
<u>Ingram Branch</u>					
BR06: Ingram Ditch at the intersection of Rds 212 and 231.	8/8/2012	11:15	345	341	8
BR10: Ingram Branch at Rt 319	8/8/2012	8:05	862	525	8
<u>Sowbridge Branch</u>					
BR47: Sowbridge Branch 1/2 mile upstream of Reynolds Pond	8/8/2012	11:42	1,296	1037	5
<u>Wagamon's Pond</u>					
BR44: Wagamon's Pond, Milton	8/8/2012	10:30	24,192	712	7
Dirickson Pond					
LA38: The Hamlet at Dirickson Pond	8/7/2012	8:32	5	17	8
Rehoboth Bay					
<u>Guinea Creek</u>					
RB10: Guinea Creek above golf course	7/23/2012	8:09	393	1560	7
Tidal water sites----- standards for swimming -----104 ----- 35 -----					
Assawoman Bay					
<u>Roy Creek</u>					
BA01: Keenwick on Bay, Roy Creek	8/7/2012	8:59	10	15	8
Broadkill River					
BR01: Broadkill river @ PEL dock.	8/8/2012	8:55	5	9	8
BR20: Broadkill River at Milton tidal pond	8/8/2012	7:15	52	38	8
<u>Old Mill Creek</u>					

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Tidal water sites----- standards for swimming -----104 ----- 35 -----

Broadkill River

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond
8/8/2012 12:35 269 123 8

Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters
8/8/2012 12:05 20 91 8

Delaware Bay

DB01: End of Cape Shores pier
8/7/2012 8:09 5 6 8

Canary Creek

BR19: Canary Creek at New Road
8/8/2012 10:06 727 204 4
BR40: Canary Creek at Pilottown Rd
8/8/2012 7:50 74 16 7

Indian River

Indian River

IR04: Warwick Cove
8/6/2012 9:40 52 18 8
IR07: Holt's Landing State Park
8/7/2012 7:00 20 40 8
IR11: Pot Nets Seaside Pier
8/6/2012 11:15 5 7 8
IR20: Bay Colony
8/6/2012 7:50 52 60 8
IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore
8/7/2012 8:35 52 29 6
IR36B: James Farm, Pasture Point By Boat
5/8/2012 8:20 10 Insufficient data 1

Vines Creek

IR38: Vines Lane
8/7/2012 7:30 158 50 8

White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek
8/6/2012 9:15 20 66 8

Little Assawoman Bay

LA43: Fenwick Island Lagoon
8/7/2012 8:10 30 41 8
LA44: Fenwick Island Cove
8/7/2012 8:34 10 55 7
LA45: Fenwick Island Bayside
8/7/2012 7:50 20 24 8

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Tidal water sites----- standards for swimming -----104 ----- 35 -----

Little Assawoman Bay

LA48: W. Georgetown St. Canal - Fenwick	8/7/2012	7:40	5	22	8
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Assawoman Canal

LA10: Assawoman Canal S end, Kent Ave Bridge	8/6/2012	7:20	110	269	8
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Dirickson Creek

LA03: Mulberry Landing	8/7/2012	8:02	31	11	8
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LA09: Dirickson Creek at Road 381 bridge.	8/6/2012	8:42	135	276	8
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Jefferson Creek

SB01: Anchorage Canal @ Rt 1	8/7/2012	7:58	10	34	8
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SB04: Petherton canal/rt1	8/7/2012	7:47	203	136	8
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SB06: Brandywine Canal	8/7/2012	7:52	51	101	6
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SB07: Layton Canal, South Bethany	8/7/2012	7:12	98	24	8
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Rehoboth Bay

ML: Massey's Landing	8/6/2012	11:32	15	7	8
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RB07: West Bay Park	8/7/2012	8:30	20	16	3
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Guinea Creek

RB05: Mouth of Guinea Creek (Pot Nets Creekside)	8/6/2012	11:51	20	14	8
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RB06: Guinea Creek (Winding Creek Village)	8/6/2012	12:13	74	123	8
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RB06A: Guinea Creek @ Rd 298 Bridge	8/6/2012	7:45	1,860	1128	8
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Herring Creek

RB04: Herring Creek, Mid-Section	8/7/2012	9:00	10	41	8
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Love Creek

RB34: Love Creek at Rt 24 Bridge	8/6/2012	8:37	328	194	8
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