

Bacteria Report - Total Enterococcus All data 4/01/2012- 9/26/2012

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	9/12/2012	10:48	20	6	10
<u>Ingram Branch</u>					
BR06: Ingram Ditch at the intersection of Rds 212 and 231.	9/12/2012	11:14	833	358	10
BR10: Ingram Branch at Rt 319	9/12/2012	9:50	677	539	10
<u>Sowbridge Branch</u>					
BR47: Sowbridge Branch 1/2 mile upstream of Reynolds Pond	9/12/2012	11:32	1,374	1160	7
<u>Wagamon's Pond</u>					
BR44: Wagamon's Pond, Milton	9/26/12	11:00	1,160	1117	8
Dirickson Pond					
LA38: The Hamlet at Dirickson Pond	9/11/2012	7:50	5	16	10
Rehoboth Bay					
<u>Guinea Creek</u>					
RB10: Guinea Creek above golf course	9/10/2012	8:16	275	1750	9
Tidal water sites----- standards for swimming -----104 ----- 35 -----					
Assawoman Bay					
<u>Roy Creek</u>					
BA01: Keenwick on Bay, Roy Creek	9/11/2012	8:48	20	16	10
Broadkill River					
BR01: Broadkill river @ PEL dock.	9/12/2012	8:51	10	9	10
BR20: Broadkill River at Milton tidal pond	9/12/2012	7:30	223	48	10
<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
9/12/2012 12:37 305 98 10

Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters
9/12/2012 12:00 109 93 10

Delaware Bay

DB01: End of Cape Shores pier
9/11/2012 8:52 20 7 9

Canary Creek

BR19: Canary Creek at New Road
9/12/2012 7:50 278 165 6
BR40: Canary Creek at Pilottown Rd
9/12/2012 7:55 5 16 9

Indian River

Indian River

IR04: Warwick Cove
9/10/2012 9:42 5 18 10
IR07: Holt's Landing State Park
9/11/2012 7:05 52 39 10
IR11: Pot Nets Seaside Pier
9/10/2012 11:30 5 7 10
IR20: Bay Colony
9/10/2012 7:55 31 53 10
IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore
9/13/2012 9:00 20 37 8
IR36B: James Farm, Pasture Point By Boat
5/8/2012 8:20 10 Insufficient data 1

Vines Creek

IR38: Vines Lane
9/11/2012 8:05 31 53 10

White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek
9/10/2012 9:25 121 79 10

Little Assawoman Bay

LA43: Fenwick Island Lagoon
9/11/2012 9:08 10 50 10
LA44: Fenwick Island Cove
9/11/2012 9:30 10 55 9
LA45: Fenwick Island Bayside
9/11/2012 9:16 10 31 10

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Tidal water sites----- standards for swimming -----104 ----- 35 -----					
Little Assawoman Bay					
LA48: W. Georgetown St. Canal - Fenwick	9/11/2012	7:55	41	21	10
<u>Assawoman Canal</u>					
LA10: Assawoman Canal S end, Kent Ave Bridge	9/10/2012	7:25	275	272	10
<u>Dirickson Creek</u>					
LA03: Mulberry Landing	9/10/2012	8:20	31	12	10
LA09: Dirickson Creek at Road 381 bridge.	9/10/2012	8:53	650	201	10
<u>Jefferson Creek</u>					
SB01: Anchorage Canal @ Rt 1	9/11/2012	7:42	41	40	11
SB04: Petherton canal/rt1	9/11/2012	7:55	51	121	11
SB06: Brandywine Canal	9/11/2012	8:00	5	56	9
SB07: Layton Canal, South Bethany	9/11/2012	7:22	31	31	11
Rehoboth Bay					
ML: Massey's Landing	9/10/2012	11:46	5	9	10
RB07: West Bay Park	9/11/2012	8:00	5	13	5
<u>Guinea Creek</u>					
RB05: Mouth of Guinea Creek (Pot Nets Creekside)	9/10/2012	12:06	10	13	10
RB06: Guinea Creek (Winding Creek Village)	9/10/2012	8:30	161	137	10
RB06A: Guinea Creek @ Rd 298 Bridge	9/10/2012	8:05	836	1197	10
<u>Herring Creek</u>					
RB04: Herring Creek, Mid-Section	9/11/2012	9:00	52	36	10
<u>Love Creek</u>					
RB34: Love Creek at Rt 24 Bridge	9/10/2012	8:40	107	193	10

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