

# Bacteria Report - Total Enterococcus All data 5/03/2009 - 7/2/2010

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: Total Colonies per 100 mL	May 4 to Present Geometric mean: Total Colonies per 100 mL	Sample Count
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**Fresh water sites ----- standards for swimming ----- 185 ----- 100 -----**

**Broadkill River**

Diamond Pond

BR48: Diamond Pond	6/23/2010	11:00	5	5	4
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Ingram Branch

BR06: Ingram Ditch at the intersection of Rds 212 and 231.	6/23/2010	11:23	12,997	644	4
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BR10: Ingram Branch at Rt 319	6/23/2010	10:50	11,199	1498	4
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Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	6/23/2010	11:48	990	60	4
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Red Mill Pond

BR54: Red Mill Pond outlet at Rt 1	6/23/2010	12:32	228	Insufficient data	2
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**Wagamon's Pond**

BR44: Wagamon's Pond, Milton	6/24/2010	8:30	259	135	3
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**Tidal water sites----- standards for swimming -----104 ----- 35 -----**

**Assawoman Bay**

Roy Creek

BA01: Keenwick on Bay, Roy Creek	6/22/2010	8:30	31	11	4
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**Broadkill River**

BR01: Broadkill river @ PEL dock.	6/23/2010	9:00	20	7	4
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BR20: Broadkill River at Milton tidal pond	6/23/2010	8:30	41	18	4
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Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond	6/23/2010	12:15	933	236	4
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**Delaware Bay**

DB01: End of Cape Shores pier	6/22/2010	10:53	31	7	6
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Tidal water sites----- standards for swimming -----104 ----- 35 -----

**Delaware Bay**

Canary Creek

BR19: Canary Creek at New Road	6/23/2010	11:24	9,804	Insufficient data	2
BR40: Canary Creek at Pilottown Rd	6/23/2010	9:10	5	5	4

**Indian River**

Indian River

IR03: Yellow Bank	5/10/2010	8:12	98	Insufficient data	1
IR04: Warwick Cove	6/21/2010	9:35	5	9	4
IR07: Holt's Landing State Park	6/22/2010	8:00	5	7	4
IR11: Pot Nets Seaside Pier	6/21/2010	10:57	5	5	4
IR20: Bay Colony	6/21/2010	7:50	5	9	4
IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	5/13/2010	10:30	74	Insufficient data	1
IR36B: James Farm, Pasture Point By Boat	6/22/2010	8:20	5	11	3

Vines Creek

IR38: Vines Lane	6/22/2010	8:00	10	16	4
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White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek	6/21/2010	8:59	10	17	4
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**Little Assawoman Bay**

LA43: Fenwick Island Lagoon	6/22/2010	8:35	2,755	Insufficient data	2
LA44: Fenwick Island Cove	6/22/2010	7:30	7,270	Insufficient data	2
LA45: Fenwick Island Bayside	6/22/2010	8:04	3,873	1227	3
LA46: Fenwick Island Tide Gauge	6/22/2010	9:00	5	5	3
LA47: Fenwick Island, Dagsboro Street, South Side	6/22/2010	9:15	41	10	3

Assawoman Canal

LA10: Assawoman Canal @ Kent Ave Bridge	6/21/2010	7:35	110	201	4
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Dirickson Creek

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<b>Tidal water sites----- standards for swimming -----104 ----- 35 -----</b>					
<b>Little Assawoman Bay</b>					
<u>Dirickson Creek</u>					
LA03: Mulberry Landing	6/21/2010	8:00	20	7	4
LA09: Dirickson Creek at Road 381 bridge.	6/21/2010	8:35	185	125	4
<u>Jefferson Creek</u>					
SB01: Anchorage Canal @ Rt 1	6/22/2010	7:45	31	53	4
SB04: Petherton canal/rt1	6/22/2010	7:38	20	39	4
SB07: Layton Canal, South Bethany	6/22/2010	7:09	31	18	4
<b>Rehoboth Bay</b>					
ML: Massey's Landing	6/21/2010	11:13	5	6	4
RB07: West Bay Park	6/22/2010	8:30	5	8	4
<u>Guinea Creek</u>					
RB05: Mouth of Guinea Creek (Pot Nets Creekside)	6/21/2010	11:35	10	18	4
RB06: Guinea Creek (Winding Creek Village)	6/21/2010	8:30	52	80	4
<u>Herring Creek</u>					
RB04: Herring Creek, Mid-Section	6/8/2010	7:15	31	Insufficient data	2
<u>Love Creek</u>					
RB34: Love Creek at Rt 24 Bridge	6/21/2010	8:49	52	47	4

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