

# Bacteria Report - Total Enterococcus All data 5/02/2011- 6/17/2011

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	6/8/2011	11:05	5	8	3
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Ingram Branch

BR06: Ingram Ditch at the intersection of Rds 212 and 231.	6/8/2011	11:33	717	1510	3
BR10: Ingram Branch at Rt 319	6/8/2011	10:49	882	777	3

Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	6/8/2011	11:58	185	266	3
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Red Mill Pond

BR56: Red Mill Pond - Sycamore Drive	6/8/2011	8:24	5	Insufficient data	2
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Wagamon's Pond

BR44: Wagamon's Pond, Milton	6/8/2011	10:00	10	39	3
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**Dirickson Creek**

Dirickson Pond

LA38: Hamlet at Dirickson Pond	6/7/2011	8:15	20	Insufficient data	2
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**Tidal water sites----- standards for swimming -----104 ----- 35 -----**

**Assawoman Bay**

Roy Creek

BA01: Keenwick on Bay, Roy Creek	6/7/2011	8:35	5	12	3
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**Broadkill River**

BR01: Broadkill river @ PEL dock.	6/8/2011	9:00	10	16	3
BR20: Broadkill River at Milton tidal pond	6/8/2011	11:20	31	65	3

Old Mill Creek

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

**Broadkill River**

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond	6/8/2011	12:35	379	276	3
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**Delaware Bay**

DB01: End of Cape Shores pier	6/14/2011	8:07	5	6	4
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Canary Creek

BR19: Canary Creek at New Road	6/9/2011	14:15	31	120	3
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BR40: Canary Creek at Pilottown Rd	6/8/2011	9:00	10	6	3
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**Indian River**

Indian River

IR04: Warwick Cove	6/6/2011	10:05	10	15	3
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IR07: Holt's Landing State Park	6/8/2011	7:01	5	9	4
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IR11: Pot Nets Seaside Pier	6/6/2011	10:55	5	5	3
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IR20: Bay Colony	6/6/2011	7:55	20	13	3
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IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	6/7/2011	8:25	1,664	44	3
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Vines Creek

IR38: Vines Lane	6/7/2011	7:05	86	38	3
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White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek	6/6/2011	9:05	20	66	3
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**Little Assawoman Bay**

LA43: Fenwick Island Lagoon	6/7/2011	8:50	20	263	3
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LA44: Fenwick Island Cove	6/7/2011	7:35	20	358	3
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LA45: Fenwick Island Bayside	6/7/2011	8:15	132	958	3
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LA46: Fenwick Island Tide Gauge	6/7/2011	8:55	5	8	3
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LA47: Fenwick Island, Dagsboro Street, South Side	6/7/2011	9:04	86	24	3
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LA48: Fenwick Island, W. Georgetown St.	6/7/2011	7:43	5	Insufficient data	1
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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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Tidal water sites----- standards for swimming -----104 ----- 35 -----

**Little Assawoman Bay**

Assawoman Canal

LA10: Assawoman Canal @ Kent Ave Bridge	6/6/2011	7:40	98	235	3
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Dirickson Creek

LA03: Mulberry Landing	6/6/2011	8:05	10	13	3
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LA09: Dirickson Creek at Road 381 bridge.	6/6/2011	8:35	906	252	3
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Jefferson Creek

SB01: Anchorage Canal @ Rt 1	6/7/2011	7:34	74	58	3
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SB04: Petherton canal/rt1	6/7/2011	7:25	148	129	3
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SB07: Layton Canal, South Bethany	6/7/2011	7:07	31	46	3
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**Rehoboth Bay**

ML: Massey's Landing	6/6/2011	11:15	10	6	3
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RB07: West Bay Park	6/7/2011	8:30	10	6	3
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Guinea Creek

RB05: Mouth of Guinea Creek (Pot Nets Creekside)	6/6/2011	11:35	20	8	3
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RB06: Guinea Creek (Winding Creek Village)	6/6/2011	8:30	959	319	3
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RB06A: Guinea Creek @ Rd 298 Bridge	6/6/2011	9:57	4,352	1178	3
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RB10: Guinea Creek above golf course	6/6/2011	10:08	1,785	1975	3
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Love Creek

RB34: Love Creek at Rt 24 Bridge	6/6/2011	8:50	340	63	3
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