

# Bacteria Report - Total Enterococcus All data 5/02/2011- 7/29/2011

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	7/27/2011	11:30	933	17	6
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Ingram Branch

BR06: Ingram Ditch at the intersection of Rds 212 and 231.	7/27/2011	11:52	512	1019	6
BR10: Ingram Branch at Rt 319	7/27/2011	8:45	1,291	893	6

Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	7/27/2011	12:15	20	102	6
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Red Mill Pond

BR56: Red Mill Pond - Sycamore Drive	7/13/2011	7:30	62	15	3
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Wagamon's Pond

BR44: Wagamon's Pond, Milton	7/27/2011	6:00	41	81	6
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**Dirickson Creek**

Dirickson Pond

LA38: Hamlet at Dirickson Pond	7/26/2011	8:40	20	13	5
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**Tidal water sites----- standards for swimming -----104 ----- 35 -----**

**Assawoman Bay**

Roy Creek

BA01: Keenwick on Bay, Roy Creek	7/26/2011	8:40	5	14	6
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**Broadkill River**

BR01: Broadkill river @ PEL dock.	7/27/2011	9:00	5	12	6
BR20: Broadkill River at Milton tidal pond	7/27/2011	7:45	52	79	6

Old Mill Creek

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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	7/27/2011	12:40	504	310	6
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**Delaware Bay**

DB01: End of Cape Shores pier	7/26/2011	9:31	5	6	8
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Canary Creek

BR19: Canary Creek at New Road	7/27/2011	15:10	160	125	6
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BR40: Canary Creek at Pilottown Rd	7/27/2011	9:30	20	7	6
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**Indian River**

Indian River

IR04: Warwick Cove	7/25/2011	10:26	52	16	6
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IR07: Holt's Landing State Park	7/26/2011	7:50	74	12	7
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IR11: Pot Nets Seaside Pier	7/25/2011	11:13	5	5	6
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IR20: Bay Colony	7/26/2011	8:00	20	13	6
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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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IR36B: James Farm, Pasture Point By Boat	7/27/2011	10:05	5	6	3
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Vines Creek

IR38: Vines Lane	7/26/2011	7:30	298	24	7
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White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek	7/25/2011	9:24	594	92	6
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**Little Assawoman Bay**

LA43: Fenwick Island Lagoon	7/26/2011	9:10	211	388	6
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LA44: Fenwick Island Cove	7/26/2011	7:35	20	240	6
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LA45: Fenwick Island Bayside	7/26/2011	8:15	5	220	6
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LA46: Fenwick Island Tide Gauge	7/26/2011	9:00	20	17	6
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LA47: Fenwick Island, Dagsboro Street, South Side	7/26/2011	9:17	5	51	6
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Tidal water sites----- standards for swimming -----104 ----- 35 -----

**Little Assawoman Bay**

LA48: Fenwick Island, W. Georgetown St.	7/26/2011	7:25	5	16	4
LA49: Fenwick Island 100 m N of LA45	7/26/2011	8:45	5	Insufficient data	1
LA50: Fenwick Island 100 m S of LA45	7/26/2011	8:55	52	Insufficient data	1

Assawoman Canal

LA10: Assawoman Canal @ Kent Ave Bridge	7/26/2011	7:35	110	171	6
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Dirickson Creek

LA03: Mulberry Landing	7/25/2011	8:20	5	11	6
LA09: Dirickson Creek at Road 381 bridge.	7/25/2011	8:50	17,329	378	6

Jefferson Creek

SB01: Anchorage Canal @ Rt 1	7/26/2011	7:38	305	136	6
SB04: Petherton canal/rt1	7/26/2011	7:40	512	312	6
SB07: Layton Canal, South Bethany	7/26/2011	7:11	20	57	6
SB072: Mid Layton Canal	7/12/2011	8:01	20	Insufficient data	2
SB073: Dead end, Layton Canal	7/12/2011	8:02	288	Insufficient data	2
SB09: Carlisle canal	7/12/2011	7:02	20	Insufficient data	2
SB11: End Sussex Place	7/12/2011	8:03	120	Insufficient data	2

**Rehoboth Bay**

ML: Massey's Landing	7/25/2011	11:30	5	8	6
RB07: West Bay Park	7/26/2011	8:30	5	7	6

Guinea Creek

RB05: Mouth of Guinea Creek (Pot Nets Creekside)	7/25/2011	11:50	52	13	6
RB06: Guinea Creek (Winding Creek Village)	7/25/2011	8:00	4,106	668	6
RB06A: Guinea Creek @ Rd 298 Bridge	7/27/2011	6:40	3,654	1513	6
RB10: Guinea Creek above golf course					

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

**Rehoboth Bay**

Guinea Creek

RB10: Guinea Creek above golf course	7/27/2011	6:53	904	1719	6
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Herring Creek

RB04: Herring Creek, Mid-Section	7/20/2011	8:50	839	25	4
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Love Creek

RB34: Love Creek at Rt 24 Bridge	7/26/2011	9:50	246	143	6
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