

# Bacteria Report - Total Enterococcus All data 5/03/2010 – 8/18/2010

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.

<b>Water Body Tributary Site</b>	<b>Last Sample Date</b>	<b>Time</b>	<b>Last Sample: Total Colonies per 100 mL</b>	<b>May 4 to Present Geometric mean: Total Colonies per 100 mL</b>	<b>Sample Count</b>
<b>Fresh water sites ----- standards for swimming ----- 185 ----- 100 -----</b>					
<b>Broadkill River</b>					
<u>Diamond Pond</u>					
BR48: Diamond Pond	8/11/2010	11:09	10	8	7
<u>Ingram Branch</u>					
BR06: Ingram Ditch at the intersection of Rds 212 and 231.	8/11/2010	11:45	1,483	832	6
BR10: Ingram Branch at Rt 319	8/11/2010	9:15	1,296	1336	7
<u>Prime Hook Creek</u>					
BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	8/11/2010	12:10	20	53	7
<u>Red Mill Pond</u>					
BR54: Red Mill Pond outlet at Rt 1	7/28/2010	12:42	305	267	4
<b>Wagamon's Pond</b>					
BR44: Wagamon's Pond, Milton	8/11/2010	10:30	20	97	5
<b>Tidal water sites----- standards for swimming -----104 ----- 35 -----</b>					
<b>Assawoman Bay</b>					
<u>Roy Creek</u>					
BA01: Keenwick on Bay, Roy Creek	8/10/2010	8:20	10	10	7
<b>Broadkill River</b>					
BR01: Broadkill river @ PEL dock.	8/11/2010	10:55	5	7	7
BR20: Broadkill River at Milton tidal pond	8/11/2010	11:28	10	32	7
<u>Old Mill Creek</u>					
BR21: Old Mill Creek downstream from Red Mill Pond	8/11/2010	12:42	313	273	7
<b>Delaware Bay</b>					
DB01: End of Cape Shores pier	8/17/2010	10:17	5	9	12

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

**Delaware Bay**

Canary Creek

BR19: Canary Creek at New Road	8/12/2010	15:30	7,270	1297	5
BR40: Canary Creek at Pilottown Rd	8/10/2010	9:35	5	7	7

**Indian River**

Indian River

IR03: Yellow Bank	5/10/2010	8:12	98	Insufficient data	1
IR04: Warwick Cove	8/9/2010	9:56	52	13	7
IR07: Holt's Landing State Park	8/10/2010	8:26	10	11	8
IR11: Pot Nets Seaside Pier	8/9/2010	11:17	5	6	7
IR20: Bay Colony	8/9/2010	7:50	5	9	7
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	8/10/2010	8:20	41	12	6

Vines Creek

IR38: Vines Lane	8/10/2010	8:00	31	23	7
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White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek	8/9/2010	9:15	5	40	7
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**Little Assawoman Bay**

LA43: Fenwick Island Lagoon	8/10/2010	8:45	148	769	5
LA44: Fenwick Island Cove	8/10/2010	7:35	20	173	5
LA45: Fenwick Island Bayside	8/10/2010	8:10	432	906	6
LA46: Fenwick Island Tide Gauge	8/10/2010	8:42	5	9	6
LA47: Fenwick Island, Dagsboro Street, South Side	8/10/2010	8:55	10	24	6

Assawoman Canal

LA10: Assawoman Canal @ Kent Ave Bridge	8/9/2010	7:16	723	324	7
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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	8/9/2010	8:12	5	7	7
LA09: Dirickson Creek at Road 381 bridge.	8/9/2010	8:45	4,884	307	7
<u>Jefferson Creek</u>					
SB01: Anchorage Canal @ Rt 1	8/10/2010	7:45	10	36	7
SB04: Petherton canal/rt1	8/10/2010	7:35	809	81	7
SB07: Layton Canal, South Bethany	8/10/2010	7:09	20	21	7
<b>Rehoboth Bay</b>					
ML: Massey's Landing	8/9/2010	11:35	5	6	7
RB07: West Bay Park	8/10/2010	8:30	10	10	7
<u>Guinea Creek</u>					
RB05: Mouth of Guinea Creek (Pot Nets Creekside)	8/9/2010	11:55	5	14	7
RB06: Guinea Creek (Winding Creek Village)	8/9/2010	12:15	63	221	7
<u>Herring Creek</u>					
RB04: Herring Creek, Mid-Section	8/18/2010	7:08	441	85	4
<u>Love Creek</u>					
RB34: Love Creek at Rt 24 Bridge	8/9/2010	8:23	419	90	7

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