

# Bacteria Report - Total Enterococcus All data 5/04/2009 - 7/24/2009

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	7/15/2009	11:18	31	11	5
<u>Ingram Branch</u>					
BR06: Ingram Ditch at the intersection of Rds 212 and 231.	7/15/2009	11:43	794	250	5
BR10: Ingram Branch at Rt 319	7/8/2009	8:30	983	819	5
<u>Prime Hook Creek</u>					
BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	7/15/2009	12:07	119	186	5
<b>Wagamon's Pond</b>					
BR44: Wagamon's Pond, Milton	7/16/2009	9:45	1,153	70	4
<b>Tidal water sites----- standards for swimming -----104 ----- 35 -----</b>					
<b>Assawoman Bay</b>					
<u>Roy Creek</u>					
BA01: Keenwick on Bay, Roy Creek	7/14/2009	8:45	5	14	5
<b>Broadkill River</b>					
BR01: Broadkill river @ PEL dock.	7/15/2009	9:00	63	24	5
BR20: Broadkill River at Milton tidal pond	7/15/2009	10:20	74	59	5
<u>Old Mill Creek</u>					
BR21: Old Mill Creek downstream from Red Mill Pond	7/15/2009	12:35	74	134	4
<b>Delaware Bay</b>					
DB01: End of Cape Shores pier	7/15/2009	12:00	203	16	5
<u>Canary Creek</u>					
BR19: Canary Creek at New Road	7/15/2009	12:40	173	325	4

Please note that this report is for general information only. The Inland Bays and Broadkill River are under a permanent advisory for recreational contact, in particular after heavy rains.

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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 -----

**Delaware Bay**

Canary Creek

BR40: Canary Creek at Pilottown Rd	7/15/2009	9:30	20	11	5
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**Indian River**

IR03: Yellow Bank	7/13/2009	6:27	41	Insufficient data	2
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Indian River

IR04: Warwick Cove	7/13/2009	9:35	10	19	5
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IR11: Pot Nets Seaside Pier	7/13/2009	11:05	5	7	5
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IR20: Bay Colony	7/14/2009	7:40	5	22	4
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IR21: Entrance to Boat House Pond, Indian River Bay	7/13/2009	7:10	10	15	5
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IR36B: James Farm, Pasture Point	7/14/2009	8:35	5	8	4
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Vines Creek

IR38: Vines Lane	7/14/2009	7:30	51	40	5
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White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek	7/13/2009	9:25	10	472	4
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**Little Assawoman Bay**

LA45: Fenwick Island Bayside	6/22/2009	7:54	1,210	132	4
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Assawoman Canal

LA10: Assawoman Canal @ Kent Ave Bridge	7/13/2009	7:20	199	360	5
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Dirickson Creek

LA03: Mulberry Landing	7/13/2009	8:15	10	22	4
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LA09: Dirickson Creek at Road 381 bridge.	7/13/2009	8:55	109	308	5
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Jefferson Creek

SB01: Anchorage Canal @ Rt 1	7/14/2009	7:13	108	366	5
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SB04: Petherton canal/rt1	7/14/2009	7:21	30	162	5
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SB07: Layton Canal, South Bethany	7/14/2009	7:42	5	20	5
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**Rehoboth Bay**

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<b>Tidal water sites----- standards for swimming -----104 ----- 35 -----</b>					
<b>Rehoboth Bay</b>					
ML: Massey's Landing	7/13/2009	11:20	5	6	5
RB07: West Bay Park	7/14/2009	8:30	5	20	5
<b><u>Guinea Creek</u></b>					
RB05: Mouth of Guinea Creek (Pot Nets Creekside)	7/13/2009	11:40	5	24	5
RB06: Guinea Creek (Winding Creek Village)	7/13/2009	12:05	31	141	5
<b><u>Herring Creek</u></b>					
RB04: Herring Creek, Mid-Section	7/14/2009	8:00	110	Insufficient data	2
<b><u>Lewes - Rehoboth Canal</u></b>					
RB02: Lewes - Rehoboth Canal at Lewes	7/14/2009	8:35	10	17	5
<b><u>Love Creek</u></b>					
RB34: Love Creek at Rt 24 Bridge	7/13/2009	8:36	74	127	5

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