

# Bacteria Report - Total Enterococcus All data 4/28/2008 - 7/24/2008

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>April 28 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	7/16/2008	10:52	5	6	5
<u>Ingram Branch</u>					
BR06: Ingram Ditch at the intersection of Rds 212 and 231.	7/16/2008	11:24	183	128	5
BR10: Ingram Branch at Rt 319	7/9/2008	9:00	798	304	5
<u>Prime Hook Creek</u>					
BR02: Prime Hook NWR Petersfield Ditch water control structure, 50m N of Rt 16.	7/16/2008	11:47	95	20	6
BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	7/16/2008	12:07	61	40	5
<b>Silver Lake</b>					
<u>Silver Lake</u>					
RL01: Silver Lake, Lake Drive Bridge	4/29/2008	9:05	163	Insufficient data	1
<b>Wagamon's Pond</b>					
BR44: Wagamon's Pond at 202 Lake Drive, Milton	7/9/2008	10:15	31	12	3
<b>Tidal water sites----- standards for swimming -----104 ----- 35 -----</b>					
<b>Assawoman Bay</b>					
<u>Roy Creek</u>					
BA01: Keenwick on Bay, Roy Creek	7/15/2008	9:08	5	14	5
<b>Broadkill River</b>					
BR01: Broadkill river @ PEL dock.	7/23/2008	9:00	10	7	7
BR20: Broadkill River at Milton tidal pond	7/16/2008	11:07	5	11	5
<u>Old Mill Creek</u>					
BR21: Old Mill Creek downstream from Red Mill Pond	7/16/2008	13:00	187	85	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	April 28 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**

DB01: End of Cape Shores pier 7/23/2008	9:01	5	6	7
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Canary Creek

BR19: Canary Creek at New Road 7/16/2008	8:56	187	61	5
BR40: Canary Creek at Pilottown Rd 6/25/2008	9:00	31	12	4

**Indian River**

Indian River

IR04: Warwick Cove 7/14/2008	10:00	30	13	4
IR11: Pot Nets Seaside Pier 7/15/2008	7:30	5	6	5
IR20: Bay Colony 7/14/2008	8:15	5	7	5
IR21: Entrance to Boat House Pond, Indian River Bay 7/14/2008	7:10	5	10	5

Vines Creek

IR38: Vines Lane 7/15/2008	6:45	52	45	3
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White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek 7/15/2008	9:44	5	7	4
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**Little Assawoman Bay**

LA45: Fenwick Island Bayside 6/24/2008	8:14	3,873	487	3
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Assawoman Canal

LA10: Assawoman Canal @ Kent Ave Bridge 7/14/2008	8:15	404	182	5
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Dirickson Creek

LA03: Mulberry Landing 7/14/2008	8:33	20	8	5
LA09: Dirickson Creek at Road 381 bridge. 7/14/2008	9:17	249	97	5

Jefferson Creek

SB01: Anchorage Canal @ Rt 1 7/15/2008	8:35	31	12	3
SB01F: Anchorage Canal @ Rt 1 5/19/2008	9:30	31	Insufficient data	1
SB02: Anchorage Canal near elbow 7/15/2008	7:50	10	Insufficient data	1
SB04: Petherton canal/rt1				

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

**Little Assawoman Bay**

Jefferson Creek

SB04: Petherton canal/rt1	7/15/2008	8:05	97	39	4
SB07: Layton Canal, South Bethany	7/15/2008	7:17	41	20	4
SB09: Carlisle canal	7/15/2008	8:15	10	11	5
SB10W: Russell Canal west dead end	7/15/2008	8:18	41	18	4
SB12: Jefferson Canal West side @ tidal gage	7/15/2008	7:00	30	Insufficient data	1

**Rehoboth Bay**

ML: Massey's Landing	7/14/2008	11:52	5	5	5
RB07: West Bay Park	7/15/2008	8:30	5	8	5

Guinea Creek

RB05: Mouth of Guinea Creek (Pot Nets Creekside)	7/14/2008	12:12	10	8	5
RB06: Guinea Creek (Winding Creek Village)	7/14/2008	7:00	2,909	154	5
RB06A: Guinea Creek @ Rd 298 Bridge	7/14/2008	12:29	738	134	5

Herring Creek

RB04: Herring Creek, Mid-Section	5/20/2008	11:25	41	Insufficient data	1
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Lewes - Rehoboth Canal

RB02: Lewes - Rehoboth Canal at Lewes	7/16/2008	8:35	20	11	5
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Love Creek

RB34: Love Creek at Rt 24 Bridge	7/15/2008	11:40	74	39	5
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