

Bacteria Report - Total Enterococcus All data 5/04/2009 - 9/11/2009

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.

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
Fresh water sites ----- standards for swimming ----- 185 ----- 100 -----					
Broadkill River					
<u>Diamond Pond</u>					
BR48: Diamond Pond	8/26/2009	11:25	5	9	8
<u>Ingram Branch</u>					
BR06: Ingram Ditch at the intersection of Rds 212 and 231.	8/27/2009	12:50	677	405	8
BR10: Ingram Branch at Rt 319	8/26/2009	9:05	669	795	8
<u>Prime Hook Creek</u>					
BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	8/27/2009	13:12	31	109	8
Wagamon's Pond					
BR44: Wagamon's Pond, Milton	8/13/2009	10:00	10	47	5
Tidal water sites----- standards for swimming -----104 ----- 35 -----					
Assawoman Bay					
<u>Roy Creek</u>					
BA01: Keenwick on Bay, Roy Creek	8/25/2009	8:55	41	18	8
Broadkill River					
BR01: Broadkill river @ PEL dock.	8/26/2009	9:00	41	26	8
BR20: Broadkill River at Milton tidal pond	8/26/2009	10:10	20	40	8
<u>Old Mill Creek</u>					
BR21: Old Mill Creek downstream from Red Mill Pond	8/27/2009	13:40	471	169	7
<u>Red Mill Pond</u>					
BR54: Red Mill Pond outlet at Rt 1	8/27/2009	13:57	85	Insufficient data	2
Delaware Bay					
DB01: End of Cape Shores pier	8/25/2009	8:32	5	10	8

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

Delaware Bay

Canary Creek

BR19: Canary Creek at New Road	8/26/2009	14:30	5	142	7
BR40: Canary Creek at Pilottown Rd	8/26/2009	9:30	20	15	8

Indian River

Indian River

IR03: Yellow Bank	7/13/2009	6:27	41	Insufficient data	2
IR04: Warwick Cove	8/24/2009	10:05	794	68	8
IR11: Pot Nets Seaside Pier	8/24/2009	10:50	5	6	8
IR20: Bay Colony	8/10/2009	8:10	10	17	6
IR21: Entrance to Boat House Pond, Indian River Bay	8/24/2009	8:15	30	16	8
IR36B: James Farm, Pasture Point	8/25/2009	8:10	5	7	7

Vines Creek

IR38: Vines Lane	8/25/2009	7:30	31	40	8
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White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek	8/25/2009	10:17	63	118	7
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Little Assawoman Bay

LA45: Fenwick Island Bayside	8/25/2009	8:00	3,873	335	7
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Assawoman Canal

LA10: Assawoman Canal @ Kent Ave Bridge	8/24/2009	7:15	11,199	793	8
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Dirickson Creek

LA03: Mulberry Landing	8/31/2009	8:20	5	14	7
LA09: Dirickson Creek at Road 381 bridge.	8/24/2009	9:15	7,701	470	8

Jefferson Creek

SB01: Anchorage Canal @ Rt 1	8/25/2009	7:12	231	337	8
SB04: Petherton canal/rt1	8/25/2009	7:22	132	161	8
SB07: Layton Canal, South Bethany					

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Tidal water sites----- standards for swimming -----104 ----- 35 -----					
Little Assawoman Bay					
<u>Jefferson Creek</u>					
SB07: Layton Canal, South Bethany	8/25/2009	7:49	10	24	8
Rehoboth Bay					
ML: Massey's Landing	8/24/2009	11:10	10	6	8
RB07: West Bay Park	8/25/2009	8:30	10	15	8
<u>Guinea Creek</u>					
RB05: Mouth of Guinea Creek (Pot Nets Creekside)	8/24/2009	11:30	30	23	8
RB06: Guinea Creek (Winding Creek Village)	8/24/2009	7:30	669	253	8
<u>Herring Creek</u>					
RB04: Herring Creek, Mid-Section	9/3/2009	7:05	20	91	5
<u>Lewes - Rehoboth Canal</u>					
RB02: Lewes - Rehoboth Canal at Lewes	8/25/2009	8:30	20	16	7
RB08: Lewes City Dock	9/2/2009	7:55	30	25	4
<u>Love Creek</u>					
RB34: Love Creek at Rt 24 Bridge	8/24/2009	8:34	650	179	8

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