

Bacteria Report - Total Enterococcus All data 5/04/2009 - 7/9/2009

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	6/24/2009	11:25	5	8	4
<u>Ingram Branch</u>					
BR06: Ingram Ditch at the intersection of Rds 212 and 231.	6/25/2009	12:12	148	187	4
BR10: Ingram Branch at Rt 319	7/8/2009	8:30	983	819	5
<u>Prime Hook Creek</u>					
BR02: Prime Hook NWR Petersfield Ditch water control structure, 50m N of Rt 16.	5/20/2009	12:25	20	Insufficient data	2
BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	6/25/2009	12:32	108	208	4
Wagamon's Pond					
BR44: Wagamon's Pond, Milton	6/24/2009	7:00	31	28	3
Tidal water sites----- standards for swimming -----104 ----- 35 -----					
Assawoman Bay					
<u>Roy Creek</u>					
BA01: Keenwick on Bay, Roy Creek	6/22/2009	9:12	10	19	4
Broadkill River					
BR01: Broadkill river @ PEL dock.	6/24/2009	9:00	10	19	4
BR20: Broadkill River at Milton tidal pond	6/24/2009	9:15	109	56	4
<u>Old Mill Creek</u>					
BR21: Old Mill Creek downstream from Red Mill Pond	6/25/2009	12:55	135	163	3
Delaware Bay					
DB01: End of Cape Shores pier	6/23/2009	10:27	20	8	4
<u>Canary Creek</u>					

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

Delaware Bay

Canary Creek

BR19: Canary Creek at New Road	6/24/2009	14:30	295	401	3
BR40: Canary Creek at Pilottown Rd	6/24/2009	8:40	10	10	4

Indian River

IR03: Yellow Bank	6/8/2009	7:42	20	Insufficient data	1
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Indian River

IR04: Warwick Cove	6/22/2009	9:20	41	22	4
IR11: Pot Nets Seaside Pier	6/22/2009	11:20	5	7	4
IR20: Bay Colony	6/23/2009	8:10	122	37	3
IR21: Entrance to Boat House Pond, Indian River Bay	6/22/2009	7:45	5	17	4
IR36B: James Farm, Pasture Point	6/23/2009	9:00	31	9	3

Vines Creek

IR38: Vines Lane	6/23/2009	7:30	41	38	4
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White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek	6/23/2009	8:50	2,987	1704	3
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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	6/22/2009	7:30	1,210	418	4
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Dirickson Creek

LA03: Mulberry Landing	6/22/2009	8:05	41	28	3
LA09: Dirickson Creek at Road 381 bridge.	6/22/2009	9:40	2,247	399	4

Jefferson Creek

SB01: Anchorage Canal @ Rt 1	6/23/2009	7:19	1,616	497	4
SB04: Petherton canal/rt1	6/23/2009	7:31	546	247	4
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	6/23/2009	7:56	63	29	4
Rehoboth Bay					
ML: Massey's Landing	6/22/2009	11:40	10	6	4
RB07: West Bay Park	6/23/2009	8:30	74	28	4
<u>Guinea Creek</u>					
RB05: Mouth of Guinea Creek (Pot Nets Creekside)	6/22/2009	11:57	5	36	4
RB06: Guinea Creek (Winding Creek Village)	6/22/2009	9:30	776	206	4
<u>Lewes - Rehoboth Canal</u>					
RB02: Lewes - Rehoboth Canal at Lewes	6/23/2009	8:25	52	20	4
<u>Love Creek</u>					
RB34: Love Creek at Rt 24 Bridge	6/22/2009	9:11	350	146	4

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