

Bacteria Report - Total Enterococcus All data 5/04/2009 - 6/19/2009

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
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Fresh water sites ----- standards for swimming ----- 185 ----- 100 -----

Broadkill River

Diamond Pond

BR48: Diamond Pond	6/10/2009	11:13	10	10	3
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Ingram Branch

BR06: Ingram Ditch at the intersection of Rds 212 and 231.	6/10/2009	11:40	332	202	3
BR10: Ingram Branch at Rt 319	6/10/2009	7:40	644	883	3

Prime Hook Creek

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	6/10/2009	12:05	331	259	3

Wagamon's Pond

BR44: Wagamon's Pond, Milton	5/20/2009	10:30	5	Insufficient data	2
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Tidal water sites----- standards for swimming -----104 ----- 35 -----

Assawoman Bay

Roy Creek

BA01: Keenwick on Bay, Roy Creek	6/9/2009	8:50	31	23	3
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Broadkill River

BR01: Broadkill river @ PEL dock.	6/11/2009	9:00	30	23	3
BR20: Broadkill River at Milton tidal pond	6/10/2009	9:15	110	45	3

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond	6/10/2009	12:30	143	Insufficient data	2
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Delaware Bay

DB01: End of Cape Shores pier	5/27/2009	11:06	5	6	3
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Canary Creek

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

Delaware Bay

Canary Creek

BR19: Canary Creek at New Road	6/10/2009	13:21	156	Insufficient data	2
BR40: Canary Creek at Pilottown Rd	6/10/2009	9:30	10	10	3

Indian River

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

IR04: Warwick Cove	6/8/2009	10:06	5	18	3
IR11: Pot Nets Seaside Pier	6/8/2009	11:05	5	8	3
IR20: Bay Colony	6/8/2009	8:00	10	Insufficient data	2
IR21: Entrance to Boat House Pond, Indian River Bay	6/8/2009	7:05	85	26	3
IR36B: James Farm, Pasture Point	6/9/2009	7:22	5	Insufficient data	2

Vines Creek

IR38: Vines Lane	6/9/2009	7:30	187	36	3
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White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek	6/9/2009	10:10	428	Insufficient data	2
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Little Assawoman Bay

LA45: Fenwick Island Bayside	6/9/2009	8:02	313	63	3
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Assawoman Canal

LA10: Assawoman Canal @ Kent Ave Bridge	6/8/2009	7:30	631	293	3
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Dirickson Creek

LA03: Mulberry Landing	6/8/2009	8:18	110	Insufficient data	2
LA09: Dirickson Creek at Road 381 bridge.	6/8/2009	8:50	487	224	3

Jefferson Creek

SB01: Anchorage Canal @ Rt 1	6/9/2009	7:22	249	335	3
SB04: Petherton canal/rt1	6/9/2009	7:40	74	189	3
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	6/9/2009	7:57	10	23	3
Rehoboth Bay					
ML: Massey's Landing	6/8/2009	11:20	5	5	3
RB07: West Bay Park	6/9/2009	8:30	5	20	3
<u>Guinea Creek</u>					
RB05: Mouth of Guinea Creek (Pot Nets Creekside)	6/8/2009	11:42	10	70	3
RB06: Guinea Creek (Winding Creek Village)	6/8/2009	12:05	86	133	3
<u>Lewes - Rehoboth Canal</u>					
RB02: Lewes - Rehoboth Canal at Lewes	6/9/2009	8:30	10	14	3
<u>Love Creek</u>					
RB34: Love Creek at Rt 24 Bridge	6/8/2009	9:35	52	109	3

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