

Bacteria Report- Total Enterococcus All data 5/04/2009 -10/11/2009

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	9/16/2009	11:05	110	12	9
<u>Ingram Branch</u>					
BR06: Ingram Ditch at the intersection of Rds 212 and 231.	9/16/2009	11:28	631	426	9
BR10: Ingram Branch at Rt 319	9/17/2009	9:00	318	718	9
<u>Prime Hook Creek</u>					
BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	9/23/2009	12:00	359	124	9
Wagamon's Pond					
BR44: Wagamon's Pond, Milton	9/16/2009	10:30	313	65	6
Tidal water sites----- standards for swimming -----			104 -----	35 -----	
Assawoman Bay					
<u>Roy Creek</u>					
BA01: Keenwick on Bay, Roy Creek	9/15/2009	8:40	10	17	9
Broadkill River					
BR01: Broadkill river @ PEL dock.	9/16/2009	9:12	5	22	9
BR20: Broadkill River at Milton tidal pond	9/16/2009	8:30	84	43	9
<u>Old Mill Creek</u>					
BR21: Old Mill Creek downstream from Red Mill Pond	9/16/2009	11:55	1,169	215	8
<u>Red Mill Pond</u>					
BR54: Red Mill Pond outlet at Rt 1	9/17/2009	13:25	5	49	3
Delaware Bay					
DB01: End of Cape Shores pier	10/1/2009	11:16	10	10	10

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

Delaware Bay

Canary Creek

BR19: Canary Creek at New Road	10/1/2009	10:05	1,553	233	9
BR40: Canary Creek at Pilottown Rd	9/16/2009	9:45	10	14	9

Indian River

Indian River

IR03: Yellow Bank	7/13/2009	6:27	41	Insufficient data	2
IR04: Warwick Cove	9/14/2009	10:05	41	65	9
IR11: Pot Nets Seaside Pier	9/14/2009	10:50	20	7	9
IR20: Bay Colony	9/15/2009	8:00	10	16	7
IR21: Entrance to Boat House Pond, Indian River Bay	9/14/2009	6:50	20	17	9
IR36B: James Farm, Pasture Point	9/15/2009	9:40	20	8	8

Vines Creek

IR38: Vines Lane	9/15/2009	7:30	52	41	9
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White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek	9/15/2009	10:20	1,989	168	8
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Little Assawoman Bay

LA45: Fenwick Island Bayside	9/15/2009	8:00	1,296	396	8
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Assawoman Canal

LA10: Assawoman Canal @ Kent Ave Bridge	9/14/2009	7:20	159	663	9
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Dirickson Creek

LA03: Mulberry Landing	9/14/2009	8:30	73	17	8
LA09: Dirickson Creek at Road 381 bridge.	9/14/2009	9:10	2,987	577	9

Jefferson Creek

SB01: Anchorage Canal @ Rt 1	9/15/2009	7:41	122	301	9
SB04: Petherton canal/rt1	9/15/2009	7:48	341	175	9
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	9/15/2009	8:13	5	20	9
Rehoboth Bay					
ML: Massey's Landing	9/14/2009	11:10	31	8	9
RB07: West Bay Park	9/15/2009	7:30	20	16	9
<u>Guinea Creek</u>					
RB05: Mouth of Guinea Creek (Pot Nets Creekside)	9/14/2009	11:35	51	25	9
RB06: Guinea Creek (Winding Creek Village)	9/14/2009	7:30	1,081	298	9
<u>Herring Creek</u>					
RB04: Herring Creek, Mid-Section	9/15/2009	8:07	240	107	6
<u>Lewes - Rehoboth Canal</u>					
RB02: Lewes - Rehoboth Canal at Lewes	9/15/2009	8:10	10	15	8
RB08: Lewes City Dock	9/29/2009	12:30	20	26	6
<u>Love Creek</u>					
RB34: Love Creek at Rt 24 Bridge	9/14/2009	8:32	253	186	9

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