

Bacteria Report - Total Enterococcus All data 5/04/2009 - 8/7/2009

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					
	7/30/2009	11:15	10	11	6
<u>Ingram Branch</u>					
BR06: Ingram Ditch at the intersection of Rds 212 and 231.					
	7/30/2009	11:35	520	282	6
BR10: Ingram Branch at Rt 319					
	7/30/2009	10:00	1,119	863	6
<u>Prime Hook Creek</u>					
BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters					
	7/30/2009	11:55	288	200	6
Wagamon's Pond					
BR44: Wagamon's Pond, Milton					
	7/16/2009	9:45	1,153	70	4
Tidal water sites----- standards for swimming -----104 ----- 35 -----					
Assawoman Bay					
<u>Roy Creek</u>					
BA01: Keenwick on Bay, Roy Creek					
	7/28/2009	8:30	97	20	6
Broadkill River					
BR01: Broadkill river @ PEL dock.					
	7/29/2009	9:00	63	28	6
BR20: Broadkill River at Milton tidal pond					
	7/29/2009	10:10	41	56	6
<u>Old Mill Creek</u>					
BR21: Old Mill Creek downstream from Red Mill Pond					
	7/30/2009	12:20	97	126	5
Delaware Bay					
DB01: End of Cape Shores pier					
	7/29/2009	11:02	5	13	6
<u>Canary Creek</u>					
BR19: Canary Creek at New Road					
	7/29/2009	14:10	134	272	5

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	May 4 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

Canary Creek

BR40: Canary Creek at Pilottown Rd	7/29/2009	9:45	63	15	6
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Indian River

Indian River

IR03: Yellow Bank	7/13/2009	6:27	41	Insufficient data	2
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IR04: Warwick Cove	7/27/2009	9:30	52	22	6
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IR11: Pot Nets Seaside Pier	7/27/2009	11:00	5	6	6
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IR20: Bay Colony	7/28/2009	8:15	10	19	5
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IR21: Entrance to Boat House Pond, Indian River Bay	7/27/2009	7:50	41	18	6
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IR36B: James Farm, Pasture Point	7/28/2009	8:45	5	7	5
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Vines Creek

IR38: Vines Lane	7/28/2009	7:30	109	47	6
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White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek	7/28/2009	10:25	20	251	5
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Little Assawoman Bay

LA45: Fenwick Island Bayside	7/28/2009	8:05	97	124	5
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Assawoman Canal

LA10: Assawoman Canal @ Kent Ave Bridge	7/27/2009	7:15	2,247	489	6
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Dirickson Creek

LA03: Mulberry Landing	7/27/2009	8:35	20	21	5
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LA09: Dirickson Creek at Road 381 bridge.	7/27/2009	9:10	455	328	6
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Jefferson Creek

SB01: Anchorage Canal @ Rt 1	7/28/2009	7:45	812	418	6
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SB04: Petherton canal/rt1	7/28/2009	7:36	974	218	6
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SB07: Layton Canal, South Bethany	7/28/2009	7:09	678	37	6
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Rehoboth Bay

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Tidal water sites----- standards for swimming -----104 ----- 35 -----					
Rehoboth Bay					
ML: Massey's Landing	7/27/2009	11:20	5	6	6
RB07: West Bay Park	7/28/2009	8:30	20	20	6
<u>Guinea Creek</u>					
RB05: Mouth of Guinea Creek (Pot Nets Creekside)	7/27/2009	11:43	62	28	6
RB06: Guinea Creek (Winding Creek Village)	7/27/2009	7:30	1,236	203	6
<u>Herring Creek</u>					
RB04: Herring Creek, Mid-Section	7/28/2009	7:45	158	195	3
<u>Lewes - Rehoboth Canal</u>					
RB02: Lewes - Rehoboth Canal at Lewes	7/14/2009	8:35	10	17	5
RB08: Lewes City Dock	7/29/2009	7:22	31	Insufficient data	1
<u>Love Creek</u>					
RB34: Love Creek at Rt 24 Bridge	7/27/2009	8:40	209	138	6

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