

Bacteria Report - Total Enterococcus All data 5/03/2009 - 7/23/2010

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	7/14/2010	11:12	31	7	5
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Ingram Branch

BR06: Ingram Ditch at the intersection of Rds 212 and 231.	7/14/2010	11:35	1,302	742	5
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BR10: Ingram Branch at Rt 319	7/7/2010	11:30	822	1329	5
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Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	7/14/2010	12:00	149	72	5
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Red Mill Pond

BR54: Red Mill Pond outlet at Rt 1	7/14/2010	12:45	681	255	3
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Wagamon's Pond

BR44: Wagamon's Pond, Milton	6/24/2010	8:30	259	135	3
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Tidal water sites----- standards for swimming -----104 ----- 35 -----

Assawoman Bay

Roy Creek

BA01: Keenwick on Bay, Roy Creek	7/13/2010	8:20	10	11	5
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Broadkill River

BR01: Broadkill river @ PEL dock.	7/14/2010	9:00	20	9	5
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BR20: Broadkill River at Milton tidal pond	7/14/2010	7:30	384	33	5
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Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond	7/14/2010	12:25	508	275	5
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Delaware Bay

DB01: End of Cape Shores pier	7/12/2010	9:00	5	6	8
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Tidal water sites----- standards for swimming -----104 ----- 35 -----

Delaware Bay

Canary Creek

BR19: Canary Creek at New Road	7/15/2010	13:30	160	631	3
BR40: Canary Creek at Pilottown Rd	7/14/2010	9:30	10	6	5

Indian River

Indian River

IR03: Yellow Bank	5/10/2010	8:12	98	Insufficient data	1
IR04: Warwick Cove	7/12/2010	9:39	5	8	5
IR07: Holt's Landing State Park	7/13/2010	7:40	52	12	6
IR11: Pot Nets Seaside Pier	7/12/2010	11:05	20	7	5
IR20: Bay Colony	7/12/2010	7:55	5	8	5
IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	5/13/2010	10:30	74	Insufficient data	1
IR36B: James Farm, Pasture Point By Boat	7/13/2010	9:45	5	9	4

Vines Creek

IR38: Vines Lane	7/13/2010	7:45	98	23	5
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White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek	7/12/2010	8:55	31	19	5
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Little Assawoman Bay

LA43: Fenwick Island Lagoon	7/13/2010	8:44	2,359	1286	3
LA44: Fenwick Island Cove	7/13/2010	8:55	228	1156	3
LA45: Fenwick Island Bayside	7/13/2010	8:10	512	986	4
LA46: Fenwick Island Tide Gauge	7/13/2010	8:45	85	10	4
LA47: Fenwick Island, Dagsboro Street, South Side	7/13/2010	8:55	3,448	43	4

Assawoman Canal

LA10: Assawoman Canal @ Kent Ave Bridge	7/12/2010	7:45	728	260	5
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Dirickson Creek

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Tidal water sites----- standards for swimming -----104 ----- 35 -----					
Little Assawoman Bay					
<u>Dirickson Creek</u>					
LA03: Mulberry Landing	7/12/2010	7:55	20	9	5
LA09: Dirickson Creek at Road 381 bridge.	7/12/2010	8:30	880	185	5
<u>Jefferson Creek</u>					
SB01: Anchorage Canal @ Rt 1	7/13/2010	7:44	218	70	5
SB04: Petherton canal/rt1	7/13/2010	7:37	160	52	5
SB07: Layton Canal, South Bethany	7/13/2010	7:14	86	24	5
Rehoboth Bay					
ML: Massey's Landing	7/12/2010	11:25	10	7	5
RB07: West Bay Park	7/13/2010	8:00	52	12	5
<u>Guinea Creek</u>					
RB05: Mouth of Guinea Creek (Pot Nets Creekside)	7/12/2010	11:45	10	16	5
RB06: Guinea Creek (Winding Creek Village)	7/12/2010	8:30	3,448	169	5
<u>Herring Creek</u>					
RB04: Herring Creek, Mid-Section	7/15/2010	8:14	52	49	3
<u>Love Creek</u>					
RB34: Love Creek at Rt 24 Bridge	7/12/2010	9:08	108	55	5

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