

Bacteria Report - Total Enterococcus All data 5/02/2011- 9/01/2011

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	8/24/2011	10:55	10	14	8
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Ingram Branch

BR06: Ingram Ditch at the intersection of Rds 212 and 231.	8/24/2011	11:20	2,247	1418	8
BR10: Ingram Branch at Rt 319	8/24/2011	9:45	350	749	8

Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	8/24/2011	11:42	122	85	8
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Red Mill Pond

BR56: Red Mill Pond - Sycamore Drive	8/25/2011	7:20	31	13	6
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Wagamon's Pond

BR44: Wagamon's Pond, Milton	8/25/2011	11:30	160	134	8
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Dirickson Creek

Dirickson Pond

LA38: Hamlet at Dirickson Pond	8/23/2011	8:00	5	10	7
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Tidal water sites----- standards for swimming -----104 ----- 35 -----

Assawoman Bay

Roy Creek

BA01: Keenwick on Bay, Roy Creek	8/23/2011	8:52	41	18	8
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Broadkill River

BR01: Broadkill river @ PEL dock.	8/25/2011	8:58	5	11	8
BR20: Broadkill River at Milton tidal pond	8/24/2011	6:45	110	106	8

Old Mill Creek

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

Broadkill River

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond	8/24/2011	12:10	5,794	573	8
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Delaware Bay

DB01: End of Cape Shores pier	8/23/2011	9:12	10	6	10
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Canary Creek

BR19: Canary Creek at New Road	8/25/2011	15:20	439	182	9
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BR40: Canary Creek at Pilottown Rd	8/24/2011	8:50	134	13	8
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Indian River

Indian River

IR04: Warwick Cove	8/22/2011	10:10	52	16	8
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IR07: Holt's Landing State Park	8/23/2011	7:15	20	15	9
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IR11: Pot Nets Seaside Pier	8/22/2011	11:22	10	6	8
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IR20: Bay Colony	8/29/2011	8:00	1,211	17	9
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IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	8/24/2011	7:50	20	36	4
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IR36B: James Farm, Pasture Point By Boat	8/10/2011	9:55	5	6	4
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Vines Creek

IR38: Vines Lane	8/23/2011	8:40	41	25	9
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White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek	8/22/2011	9:10	97	88	8
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Little Assawoman Bay

LA43: Fenwick Island Lagoon	8/23/2011	8:46	5	175	8
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LA44: Fenwick Island Cove	8/23/2011	7:45	10	99	8
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LA45: Fenwick Island Bayside	8/23/2011	8:15	14	166	9
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LA46: Fenwick Island Tide Gauge	8/23/2011	9:12	5	12	8
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LA47: Fenwick Island, Dagsboro Street, South Side					
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Tidal water sites----- standards for swimming -----104 ----- 35 -----

Little Assawoman Bay

LA47: Fenwick Island, Dagsboro Street, South Side	8/23/2011	9:23	41	37	8
LA48: Fenwick Island, W. Georgetown St.	8/23/2011	7:34	31	23	6
LA49: Fenwick Island 100 m N of LA45	8/23/2011	8:20	31	16	4
LA50: Fenwick Island 100 m S of LA45	8/23/2011	8:25	5	78	4

Assawoman Canal

LA10: Assawoman Canal @ Kent Ave Bridge	8/22/2011	7:30	833	191	8
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Dirickson Creek

LA03: Mulberry Landing	8/22/2011	8:10	20	13	8
LA09: Dirickson Creek at Road 381 bridge.	8/23/2011	8:10	8,164	716	8

Jefferson Creek

SB01: Anchorage Canal @ Rt 1	8/23/2011	7:29	98	86	8
SB04: Petherton canal/rt1	8/23/2011	7:24	173	189	8
SB07: Layton Canal, South Bethany	8/23/2011	7:47	5	34	8
SB072: Mid Layton Canal	7/12/2011	8:01	20	Insufficient data	2
SB073: Dead end, Layton Canal	7/12/2011	8:02	288	Insufficient data	2
SB09: Carlisle canal	7/12/2011	7:02	20	Insufficient data	2
SB11: End Sussex Place	7/12/2011	8:03	120	Insufficient data	2

Rehoboth Bay

ML: Massey's Landing	8/22/2011	11:40	10	8	8
RB07: West Bay Park	8/23/2011	8:30	109	10	8

Guinea Creek

RB05: Mouth of Guinea Creek (Pot Nets Creekside)	8/22/2011	12:00	109	15	8
RB06: Guinea Creek (Winding Creek Village)	8/22/2011	7:50	122	393	8
RB06A: Guinea Creek @ Rd 298 Bridge					

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

Rehoboth Bay

Guinea Creek

RB06A: Guinea Creek @ Rd 298 Bridge	8/22/2011	8:05	6,867	1275	8
RB10: Guinea Creek above golf course	8/22/2011	8:17	12,033	2271	8

Herring Creek

RB04: Herring Creek, Mid-Section	8/23/2011	8:50	5	19	6
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Love Creek

RB34: Love Creek at Rt 24 Bridge	8/22/2011	8:37	3,076	271	8
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