

Bacteria Report - Total Enterococcus All data 5/02/2011- 8/13/2011

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	8/10/2011	10:42	5	14	7
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Ingram Branch

BR06: Ingram Ditch at the intersection of Rds 212 and 231.	8/10/2011	11:10	6,488	1328	7
BR10: Ingram Branch at Rt 319	8/10/2011	7:55	556	835	7

Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	8/10/2011	11:35	20	81	7
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Red Mill Pond

BR56: Red Mill Pond - Sycamore Drive	8/10/2011	11:27	5	11	5
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Wagamon's Pond

BR44: Wagamon's Pond, Milton	8/10/2011	8:50	2,359	131	7
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Dirickson Creek

Dirickson Pond

LA38: Hamlet at Dirickson Pond	8/9/2011	7:45	5	11	6
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Tidal water sites----- standards for swimming -----104 ----- 35 -----

Assawoman Bay

Roy Creek

BA01: Keenwick on Bay, Roy Creek	8/9/2011	8:32	31	16	7
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Broadkill River

BR01: Broadkill river @ PEL dock.	8/10/2011	9:00	10	12	7
BR20: Broadkill River at Milton tidal pond	8/10/2011	7:00	554	105	7

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	8/10/2011	12:15	2,247	412	7
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Delaware Bay

DB01: End of Cape Shores pier	8/9/2011	8:31	5	6	9
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Canary Creek

BR19: Canary Creek at New Road	8/11/2011	11:20	858	165	7
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BR40: Canary Creek at Pilottown Rd	8/10/2011	9:00	41	9	7
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Indian River

Indian River

IR04: Warwick Cove	8/8/2011	10:14	5	14	7
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IR07: Holt's Landing State Park	8/8/2011	7:30	41	14	8
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IR11: Pot Nets Seaside Pier	8/8/2011	10:55	10	6	7
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IR20: Bay Colony	8/8/2011	7:55	5	11	7
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IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	6/7/2011	8:25	1,664	44	3
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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	8/9/2011	7:15	20	23	8
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White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek	8/8/2011	9:05	63	87	7
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Little Assawoman Bay

LA43: Fenwick Island Lagoon	8/9/2011	9:00	52	291	7
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LA44: Fenwick Island Cove	8/9/2011	7:35	5	138	7
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LA45: Fenwick Island Bayside	8/11/2011	8:10	857	226	8
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LA46: Fenwick Island Tide Gauge	8/9/2011	8:52	5	14	7
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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	8/9/2011	9:05	5	36	7
LA48: Fenwick Island, W. Georgetown St.	8/11/2011	8:30	74	22	5
LA49: Fenwick Island 100 m N of LA45	8/11/2011	8:05	20	13	3
LA50: Fenwick Island 100 m S of LA45	8/11/2011	8:15	1,169	194	3

Assawoman Canal

LA10: Assawoman Canal @ Kent Ave Bridge	8/8/2011	7:30	85	154	7
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Dirickson Creek

LA03: Mulberry Landing	8/8/2011	8:05	20	12	7
LA09: Dirickson Creek at Road 381 bridge.	8/8/2011	8:35	2,909	506	7

Jefferson Creek

SB01: Anchorage Canal @ Rt 1	8/9/2011	7:37	5	85	7
SB04: Petherton canal/rt1	8/9/2011	7:29	10	191	7
SB07: Layton Canal, South Bethany	8/9/2011	7:11	10	44	7
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	8/8/2011	11:15	5	7	7
RB07: West Bay Park	8/9/2011	8:30	10	7	7

Guinea Creek

RB05: Mouth of Guinea Creek (Pot Nets Creekside)	8/8/2011	11:35	5	12	7
RB06: Guinea Creek (Winding Creek Village)	8/8/2011	7:45	52	464	7
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	8/8/2011	7:57	85	1003	7
RB10: Guinea Creek above golf course	8/8/2011	8:06	2,282	1790	7

Herring Creek

RB04: Herring Creek, Mid-Section	8/9/2011	8:45	20	24	5
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Love Creek

RB34: Love Creek at Rt 24 Bridge	8/8/2011	8:39	1,086	191	7
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