

Bacteria Report - Total Enterococcus All data 5/03/2010 – 9/08/2010

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
Fresh water sites ----- standards for swimming ----- 185 ----- 100 -----					
Broadkill River					
<u>Diamond Pond</u>					
BR48: Diamond Pond	9/1/2010	11:09	52	10	8
<u>Ingram Branch</u>					
BR06: Ingram Ditch at the intersection of Rds 212 and 231.	9/1/2010	11:32	933	846	7
BR10: Ingram Branch at Rt 319	9/1/2010	10:57	201	1054	8
<u>Prime Hook Creek</u>					
BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	9/1/2010	11:55	84	56	8
<u>Red Mill Pond</u>					
BR54: Red Mill Pond outlet at Rt 1	9/1/2010	12:35	5	120	5
Wagamon's Pond					
BR44: Wagamon's Pond, Milton	9/2/2010	10:45	121	101	6
Tidal water sites----- standards for swimming -----104 ----- 35 -----					
Assawoman Bay					
<u>Roy Creek</u>					
BA01: Keenwick on Bay, Roy Creek	8/31/2010	8:16	5	9	8
Broadkill River					
BR01: Broadkill river @ PEL dock.	9/1/2010	8:45	30	9	8
BR20: Broadkill River at Milton tidal pond	9/1/2010	7:30	109	37	8
<u>Old Mill Creek</u>					
BR21: Old Mill Creek downstream from Red Mill Pond	9/1/2010	12:20	354	282	8
Delaware Bay					
DB01: End of Cape Shores pier	9/7/2010	9:36	10	9	14

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

Delaware Bay

Canary Creek

BR19: Canary Creek at New Road	9/2/2010	11:45	1,086	1259	6
BR40: Canary Creek at Pilottown Rd	9/1/2010	9:35	20	8	8

Indian River

Indian River

IR03: Yellow Bank	5/10/2010	8:12	98	Insufficient data	1
IR04: Warwick Cove	8/30/2010	10:35	31	15	8
IR07: Holt's Landing State Park	8/31/2010	7:30	10	11	9
IR11: Pot Nets Seaside Pier	8/30/2010	11:00	10	6	8
IR20: Bay Colony	8/9/2010	7:50	5	9	7
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	8/31/2010	8:20	5	10	7

Vines Creek

IR38: Vines Lane	8/31/2010	8:45	86	27	8
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White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek	8/30/2010	9:35	20	37	8
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Little Assawoman Bay

LA43: Fenwick Island Lagoon	8/31/2010	8:46	175	601	6
LA44: Fenwick Island Cove	8/31/2010	7:35	98	157	6
LA45: Fenwick Island Bayside	8/31/2010	8:15	1,313	955	7
LA46: Fenwick Island Tide Gauge	8/31/2010	8:55	10	9	7
LA47: Fenwick Island, Dagsboro Street, South Side	8/31/2010	9:10	20	23	7

Assawoman Canal

LA10: Assawoman Canal @ Kent Ave Bridge	8/30/2010	7:50	201	305	8
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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	8/30/2010	8:30	5	7	8
LA09: Dirickson Creek at Road 381 bridge.	8/30/2010	9:05	355	312	8
<u>Jefferson Creek</u>					
SB01: Anchorage Canal @ Rt 1	8/31/2010	7:38	52	38	8
SB04: Petherton canal/rt1	8/31/2010	7:30	130	86	8
SB07: Layton Canal, South Bethany	8/31/2010	7:12	31	22	8
Rehoboth Bay					
ML: Massey's Landing	8/30/2010	11:33	10	6	8
RB07: West Bay Park	8/31/2010	8:30	52	13	8
<u>Guinea Creek</u>					
RB05: Mouth of Guinea Creek (Pot Nets Creekside)	8/30/2010	11:52	5	12	8
RB06: Guinea Creek (Winding Creek Village)	8/30/2010	12:15	10	150	8
<u>Herring Creek</u>					
RB04: Herring Creek, Mid-Section	8/18/2010	7:08	441	85	4
<u>Love Creek</u>					
RB34: Love Creek at Rt 24 Bridge	8/30/2010	8:55	345	106	8

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