

Bacteria Report - Total Enterococcus All data 5/03/2010 – 10/22/2010

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	10/13/2010	10:47	5	10	10
<u>Ingram Branch</u>					
BR06: Ingram Ditch at the intersection of Rds 212 and 231.	10/13/2010	11:10	882	789	9
BR10: Ingram Branch at Rt 319	10/13/2010	10:38	457	1067	10
<u>Prime Hook Creek</u>					
BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	10/13/2010	11:32	261	70	10
<u>Red Mill Pond</u>					
BR54: Red Mill Pond outlet at Rt 1	10/13/2010	12:15	31	94	7
Wagamon's Pond					
BR44: Wagamon's Pond, Milton	10/14/2010	9:15	10	57	8
Tidal water sites----- standards for swimming -----104 ----- 35 -----					
Assawoman Bay					
<u>Roy Creek</u>					
BA01: Keenwick on Bay, Roy Creek	10/12/2010	8:29	5	8	10
Broadkill River					
BR01: Broadkill river @ PEL dock.	10/13/2010	9:00	63	11	10
BR20: Broadkill River at Milton tidal pond	10/13/2010	7:30	20	31	10
<u>Old Mill Creek</u>					
BR21: Old Mill Creek downstream from Red Mill Pond	10/13/2010	11:58	413	270	10
Delaware Bay					
DB01: End of Cape Shores pier	10/12/2010	9:32	20	11	17

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

Delaware Bay

Canary Creek

BR19: Canary Creek at New Road	10/13/2010	14:58	85	764	8
BR40: Canary Creek at Pilottown Rd	10/13/2010	9:30	74	11	10

Indian River

Indian River

IR03: Yellow Bank	5/10/2010	8:12	98	Insufficient data	1
IR04: Warwick Cove	10/11/2010	10:25	41	19	10
IR07: Holt's Landing State Park	10/12/2010	7:50	10	12	11
IR11: Pot Nets Seaside Pier	10/11/2010	10:56	5	7	10
IR20: Bay Colony	10/11/2010	8:00	480	13	9
IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	9/14/2010	9:20	5	Insufficient data	2
IR36B: James Farm, Pasture Point By Boat	10/12/2010	8:30	5	10	8

Vines Creek

IR38: Vines Lane	10/12/2010	7:50	231	39	10
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White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek	10/11/2010	9:13	364	53	10
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Little Assawoman Bay

LA43: Fenwick Island Lagoon	10/12/2010	8:55	3,448	564	8
LA44: Fenwick Island Cove	10/12/2010	7:45	256	181	8
LA45: Fenwick Island Bayside	10/12/2010	8:20	3,873	972	9
LA46: Fenwick Island Tide Gauge	10/12/2010	8:50	5	8	9
LA47: Fenwick Island, Dagsboro Street, South Side	10/12/2010	9:00	20	21	9

Assawoman Canal

LA10: Assawoman Canal @ Kent Ave Bridge	10/11/2010	7:50	594	383	10
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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	10/11/2010	8:15	20	9	10
LA09: Dirickson Creek at Road 381 bridge.	10/11/2010	8:45	1,076	423	10
<u>Jefferson Creek</u>					
SB01: Anchorage Canal @ Rt 1	10/12/2010	7:34	122	48	10
SB04: Petherton canal/rt1	10/12/2010	7:28	218	92	10
SB07: Layton Canal, South Bethany	10/12/2010	7:14	594	26	10
Rehoboth Bay					
ML: Massey's Landing	10/11/2010	11:12	5	6	10
RB07: West Bay Park	10/12/2010	8:00	10	11	10
<u>Guinea Creek</u>					
RB05: Mouth of Guinea Creek (Pot Nets Creekside)	10/11/2010	11:30	5	11	10
RB06: Guinea Creek (Winding Creek Village)	10/11/2010	8:30	691	174	10
<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	10/11/2010	8:58	350	148	10

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