

# Bacteria Report - Total Enterococcus All data 4/08/2013- 7/31/2013

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 (Colonies per 100 mL)	Geometric mean, April 1 to present (Colonies per 100 mL)	# of Samples, April 1 to Present
<b>Fresh water sites ----- standards for swimming ----- 185 ----- 100 -----</b>					
<b>Broadkill River</b>					
<u>Diamond Pond</u>					
BR48: Diamond Pond	7/24/2013	10:45	73	15	7
<u>Ingram Branch</u>					
BR06: Ingram Ditch at the intersection of Rds 212 and 231.	7/24/2013	11:09	697	302	7
BR10: Ingram Branch at Rt 319	7/24/2013	8:45	683	699	6
<u>Sowbridge Branch</u>					
BR47: Sowbridge Branch 1/2 mile upstream of Reynolds Pond	7/24/2013	11:23	805	404	7
<u>Wagamon's Pond</u>					
BR44: Wagamon's Pond, Milton	7/24/2013	10:30	3,076	1447	6
<b>Dirickson Pond</b>					
LA38: The Hamlet at Dirickson Pond	7/23/2013	8:30	20	40	7
<b>Rehoboth Bay</b>					
<u>Guinea Creek</u>					
RB10: Guinea Creek above golf course	7/22/2013	8:02	1,935	408	7
<b>Tidal water sites----- standards for swimming -----104 ----- 35 -----</b>					
<b>Broadkill River</b>					
BR01: Broadkill river @ PEL dock.	7/24/2013	8:55	20	13	7
BR20: Broadkill River at Milton tidal pond	7/24/2013	7:00	278	111	7
<u>Old Mill Creek</u>					
BR21: Old Mill Creek downstream from Red Mill Pond	7/24/2013	12:27	262	172	6
<u>Prime Hook Creek</u>					
BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters					

Please note that this report is for general information only. The Inland Bays and Broadkill River are under a permanent advisory for recreational contact, in particular after heavy rains.

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

**Broadkill River**

Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	7/24/2013	11:49	187	151	7
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**Delaware Bay**

DB01: End of Cape Shores pier	7/24/2013	8:21	10	10	6
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Canary Creek

BR40: Canary Creek at Pilottown Rd	7/24/2013	9:02	20	15	8
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**Indian River**

Indian River

IR04: Warwick Cove	7/22/2013	9:58	86	22	7
IR11: Pot Nets Seaside Pier	7/25/2013	8:51	10	11	6
IR20: Bay Colony	7/22/2013	7:55	52	23	6
IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	7/22/2013	7:45	10	34	7

Vines Creek

IR38: Vines Lane	7/23/2013	7:15	932	65	7
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White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek	7/22/2013	8:55	63	61	7
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**Little Assawoman Bay**

LA45: Fenwick Island Bayside	7/23/2013	8:55	5	10	7
LA48: W. Georgetown St. Canal - Fenwick	7/23/2013	9:15	52	19	7

Assawoman Canal

LA10: Assawoman Canal S end, Kent Ave Bridge	7/22/2013	7:15	581	223	7
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Dirickson Creek

LA03: Mulberry Landing	7/22/2013	8:10	30	25	7
LA09: Dirickson Creek at Road 381 bridge.	7/22/2013	9:24	148	341	7

Jefferson Creek

SB01: Anchorage Canal @ Rt 1	7/23/2013	7:46	63	104	7
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<b>Tidal water sites----- standards for swimming -----104 ----- 35 -----</b>					
<b>Little Assawoman Bay</b>					
<u>Jefferson Creek</u>					
SB04: Petherton canal/rt1	7/23/2013	7:34	5,492	515	7
SB06: Brandywine Canal	7/23/2013	7:39	97	225	7
SB07: Layton Canal, South Bethany	7/23/2013	7:55	132	88	7
<b>Rehoboth Bay</b>					
ML: Massey's Landing	4/8/2013	8:57	5	Insufficient data	1
RB07: West Bay Park	7/22/2013	8:30	627	30	7
RB16E: Rusty Rudder Pier End	7/29/2013	8:14	74	31	3
RB16M: Rusty Rudder Pier Middle	7/29/2013	8:07	52	40	3
RB16N: Rusty Rudder Pier Near	7/29/2013	8:01	74	71	3
<u>Guinea Creek</u>					
RB05: Mouth of Guinea Creek (Pot Nets Creekside)	7/22/2013	11:15	97	60	7
RB06: Guinea Creek (Winding Creek Village)	7/22/2013	8:00	19,863	630	7
RB06A: Guinea Creek @ Rd 298 Bridge	7/22/2013	7:50	6,867	868	7
<u>Herring Creek</u>					
RB04: Herring Creek, Mid-Section	7/23/2013	6:30	1,553	45	7
<u>Love Creek</u>					
RB34: Love Creek at Rt 24 Bridge	7/22/2013	8:48	6,488	223	7

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