

Bacteria Report - Total Enterococcus All data 4/08/2013- 7/18/2013

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
Fresh water sites ----- standards for swimming ----- 185 ----- 100 -----					
Broadkill River					
<u>Diamond Pond</u>					
BR48: Diamond Pond	7/10/2013	10:52	5	11	6
<u>Ingram Branch</u>					
BR06: Ingram Ditch at the intersection of Rds 212 and 231.	7/10/2013	11:13	419	263	6
BR10: Ingram Branch at Rt 319	7/10/2013	9:30	1,198	702	5
<u>Sowbridge Branch</u>					
BR47: Sowbridge Branch 1/2 mile upstream of Reynolds Pond	7/10/2013	11:29	624	360	6
<u>Wagamon's Pond</u>					
BR44: Wagamon's Pond, Milton	7/10/2013	9:30	1,918	1244	5
Dirickson Pond					
LA38: The Hamlet at Dirickson Pond	7/9/2013	7:45	30	45	6
Rehoboth Bay					
<u>Guinea Creek</u>					
RB10: Guinea Creek above golf course	7/9/2013	8:30	487	315	6
Tidal water sites----- standards for swimming -----104 ----- 35 -----					
Broadkill River					
BR01: Broadkill river @ PEL dock.	7/11/2013	8:40	20	12	6
BR20: Broadkill River at Milton tidal pond	7/10/2013	7:15	435	95	6
<u>Old Mill Creek</u>					
BR21: Old Mill Creek downstream from Red Mill Pond	7/10/2013	12:21	226	158	5
<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	7/10/2013	11:56	187	145	6
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Delaware Bay

DB01: End of Cape Shores pier	7/9/2013	8:24	41	10	5
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Canary Creek

BR40: Canary Creek at Pilottown Rd	7/9/2013	6:00	269	14	7
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Indian River

Indian River

IR04: Warwick Cove	7/8/2013	9:50	20	17	6
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IR11: Pot Nets Seaside Pier	7/17/2013	8:50	20	11	5
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IR20: Bay Colony	7/8/2013	7:55	5	19	5
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IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	7/8/2013	7:39	30	41	6
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Vines Creek

IR38: Vines Lane	7/9/2013	7:30	464	42	6
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White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek	7/8/2013	8:54	5	61	6
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Little Assawoman Bay

LA45: Fenwick Island Bayside	7/9/2013	8:58	20	12	6
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LA48: W. Georgetown St. Canal - Fenwick	7/9/2013	7:50	10	16	6
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Assawoman Canal

LA10: Assawoman Canal S end, Kent Ave Bridge	7/10/2013	7:20	759	190	6
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Dirickson Creek

LA03: Mulberry Landing	7/8/2013	8:05	31	24	6
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LA09: Dirickson Creek at Road 381 bridge.	7/9/2013	8:15	1,274	392	6
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Jefferson Creek

SB01: Anchorage Canal @ Rt 1	7/9/2013	7:49	121	113	6
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Tidal water sites----- standards for swimming -----104 ----- 35 -----

Little Assawoman Bay

Jefferson Creek

SB04: Petherton canal/rt1	7/9/2013	7:38	1,086	347	6
SB06: Brandywine Canal	7/9/2013	7:43	160	259	6
SB07: Layton Canal, South Bethany	7/9/2013	7:09	41	82	6

Rehoboth Bay

ML: Massey's Landing	4/8/2013	8:57	5	Insufficient data	1
RB07: West Bay Park	7/9/2013	9:30	20	18	6
RB16E: Rusty Rudder Pier End	7/15/2013	8:40	20	Insufficient data	1
RB16M: Rusty Rudder Pier Middle	7/15/2013	8:26	20	Insufficient data	1
RB16N: Rusty Rudder Pier Near	7/15/2013	8:11	41	Insufficient data	1

Guinea Creek

RB05: Mouth of Guinea Creek (Pot Nets Creekside)	7/17/2013	9:15	292	55	6
RB06: Guinea Creek (Winding Creek Village)	7/9/2013	7:15	5,794	354	6
RB06A: Guinea Creek @ Rd 298 Bridge	7/9/2013	8:15	2,489	615	6

Herring Creek

RB04: Herring Creek, Mid-Section	7/9/2013	6:30	63	25	6
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Love Creek

RB34: Love Creek at Rt 24 Bridge	7/9/2013	9:55	314	127	6
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