

Bacteria Report - Total Enterococcus All data 4/07/2014 - 6/19/2014

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 at Spillway	11:04	20	7	4
<u>Ingram Branch</u>	BR06: Ingram Ditch at the intersection of Rds 212 and 231.	11:34	7,270	304	4
<u>Ingram Branch</u>	BR10: Ingram Branch at Rt 319	10:45	5,172	912	4
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	9:45	169	375	4
Dirickson Pond					
	LA38: The Hamlet at Dirickson Pond	8:50	5	6	4
Rehoboth Bay					
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	7:19	189	83	4
Tidal water sites----- standards for swimming -----104 ----- 35 -----					
Assawoman Bay					
	AB01: Bayside Point Pier	8:20	5	Insufficient data	1
Broadkill River					
	BR01: Broadkill river @ PEL dock.	8:45	5	5	4
	BR20: Broadkill River at Milton tidal pond	6:20	345	108	4
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	12:35	1,439	114	4
<u>Prime Hook Creek</u>	BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	12:05	1,664	286	3
Delaware Bay					
	DB01: End of Cape Shores pier	9:50	5	8	4
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	11:02	5	5	4
Indian River					
	IR24: Iron Branch - County road 331 at bridge	9:52	1,664	294	4
<u>Indian River</u>	IR04: Warwick Cove	10:18	20	12	4
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	10:47	10	11	4
<u>Indian River</u>	IR20: Bay Colony	7:55	5	9	4
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	7:55	51	28	4
<u>Vines Creek</u>	IR38: Vines Lane	7:45	31	13	4
<u>White Creek</u>	IR32: Holly Terrace Acres Canal Dead End, White Creek	8:52	10	16	4

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

Little Assawoman Bay

	LA46: Fenwick Island Tide Gauge		8:48	31	13	4
	LA48: W. Georgetown St. Canal - Fenwick		8:20	41	28	4
<u>Assawoman Canal</u>	LA10: Assawoman Canal S end, Kent Ave Bridge		7:10	3,654	157	4
<u>Dirickson Creek</u>	LA03: Mulberry Landing		7:40	5	5	4
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.		8:11	20	81	4
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1		7:36	20	37	4
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1		7:23	546	229	4
<u>Jefferson Creek</u>	SB06: Brandywine Canal		7:29	63	114	4
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany		7:54	10	13	4

Rehoboth Bay

	RB07: West Bay Park		8:55	5	7	4
<u>Guinea Creek</u>	RB05: Mouth of Guinea Creek (Pot Nets Creekside)		11:17	10	11	4
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)		7:30	158	61	4
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge		7:11	880	147	4
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge		8:35	120	47	4

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