

Bacteria Report - Total Enterococcus All data 4/07/2014 - 7/31/2014

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.

<u>Water Body</u>	<u>Site</u>	<u>Last Sample Date</u>	<u>Time</u>	<u>Last Sample (Colonies per 100 mL)</u>	<u>Geometric mean, April 1 to present (Colonies per 100 mL)</u>	<u># of Samples, April 1 to Present</u>
Fresh water sites ----- Standards for swimming →----- 185 ----- 100 -----						
Broadkill River						
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	7/23/2014	10:45	30	10	7
<u>Ingram Branch</u>	BR06: Ingram Ditch at the intersection of Rds. 212 and 231.	7/23/2014	11:12	3,255	655	7
<u>Ingram Branch</u>	BR10: Ingram Branch at Rt 319	7/23/2014	10:30	794	877	7
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	7/23/2014	10:30	12,997	588	6
Dirickson Pond						
	LA38: The Hamlet at Dirickson Pond	7/22/2014	8:17	20	9	7
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	7/21/2014	7:48	389	138	6
Tidal water sites----- Standards for swimming →-----104 -----35 -----						
Assawoman Bay						
	AB01: Bayside Point Pier	7/30/2014	9:00	5	6	5
Broadkill River						
	BR01: Broadkill river @ PEL dock	7/23/2014	9:06	10	6	7
	BR20: Broadkill River at Milton tidal pond	7/23/2014	6:45	108	135	7
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	7/23/2014	11:56	581	240	7
<u>Prime Hook Creek</u>	BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	7/23/2014	11:33	226	280	6
Delaware Bay						
	DB01: End of Cape Shores pier	7/30/2014	8:51	5	8	9
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	7/22/2014	7:01	10	6	7
Indian River						
	IR24: Iron Branch - County road 331 at bridge	7/21/2014	10:06	6,131	648	7
<u>Indian River</u>	IR04: Warwick Cove	7/21/2014	10:31	30	14	7
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	7/21/2014	10:59	20	12	7
<u>Indian River</u>	IR20: Bay Colony	7/21/2014	8:00	74	13	7
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	7/21/2014	7:45	1,860	42	7
<u>Vines Creek</u>	IR38: Vines Lane	7/22/2014	7:00	31	14	7
<u>White Creek</u>	IR32: Holly Terrace Acres Canal Dead End, White Creek	7/21/2014	9:13	109	20	7

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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Water Body Tributary	Site	Last Sample Date	Time	Last Sample (Colonies per 100 mL)	Geometric mean, April 1 (Colonies per 100 mL)	# of Samples, April 1 to Present
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Tidal water sites----- Standards for swimming →-----104 ----- 35 -----

Little Assawoman Bay

	LA46: Fenwick Island Tide Gauge	7/22/2014	8:46	10	10	7
	LA48: W. Georgetown St. Canal – Fenwick	7/22/2014	9:02	10	29	7
<u>Assawoman Canal</u>	LA10: Assawoman Canal S end, Kent Ave Bridge	7/21/2014	7:15	836	401	7
<u>Dirickson Creek</u>	LA03: Mulberry Landing	7/21/2014	7:31	41	10	7
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	7/21/2014	8:10	1,723	143	7
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	7/22/2014	8:06	1,860	313	7
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	7/22/2014	8:00	1,376	301	7
<u>Jefferson Creek</u>	SB06: Brandywine Canal	7/22/2014	7:48	31	88	7
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	7/22/2014	7:26	31	12	7

Rehoboth Bay

	RB07: West Bay Park	7/22/2014	8:50	5	6	7
<u>Guinea Creek</u>	RB05: Mouth of Guinea Creek (Pot Nets Creekside)	7/21/2014	11:23	211	16	7
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	7/21/2014	7:15	985	182	7
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	7/12/2014	7:35	4,106	309	6
<u>Herring Creek</u>	RB90: Burton Prong	7/21/2014	9:30	537	Insufficient data	1
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	7/21/2014	8:20	712	96	7
<u>Love Creek</u>	RB34B: Love Creek at Rt 24 bridge by boat	7/28/2014	9:35	272	Insufficient data	1
<u>Love Creek</u>	RB80: Upper Love Creek at Webb Landing	7/21/2014	8:47	187	Insufficient data	1
<u>Love Creek</u>	RB80B: Upper Love Creek at Webb Landing by boat	7/28/2014	8:54	341	Insufficient data	1
<u>Love Creek</u>	RB81: Bundicks Branch at Beaverdam Rd	7/28/2014	11:45	1,169	Insufficient data	2
<u>Love Creek</u>	RB82: Goslee Creek at Jimtown Rd	7/28/2014	12:00	1,145	Insufficient data	2
<u>Love Creek</u>	RB83: Love Creek at Robinsonville Rd	7/28/2014	12:18	185	Insufficient data	2
<u>Love Creek</u>	RB84B: Upper reach of Hetty Fisher Glade	7/28/2014	9:58	932	Insufficient data	1
<u>Love Creek</u>	RB85B: Mouth of Stillman Glade	7/28/2014	9:23	529	Insufficient data	1
<u>Love Creek</u>	RB86B: Mouth of Hetty Fisher Glade	7/28/2014	9:09	880	Insufficient data	1
<u>Love Creek</u>	RB87B: Upper Love Creek, Upstream of Webb Landing	7/28/2014	8:40	450	Insufficient data	1
<u>Love Creek</u>	RB88B: Upper Love Creek, just below marsh area	7/28/2014	8:24	145	Insufficient data	1

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