

Bacteria Report - Total Enterococcus All data 4/07/2014 - 8/29/2014

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>Tributary</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	8/20/2014	11:17	10	9	9
<u>Ingram Branch</u>	BR06: Ingram Ditch at the intersection of Rds 212 and 231.	8/20/2014	11:38	906	682	8
<u>Ingram Branch</u>	BR10: Ingram Branch at Rt 319	8/20/2014	11:01	231	665	9
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	8/21/2014	10:00	269	526	7
Dirickson Pond						
	LA38: The Hamlet at Dirickson Pond	8/19/2014	8:30	10	9	9
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	8/18/2014	7:15	148	178	8
Tidal water sites----- Standards for Swimming -----104 ----- 35 -----						
Assawoman Bay						
	AB01: Bayside Point Pier	8/5/2014	8:20	5	6	6
Broadkill River						
	BR01: Broadkill river @ PEL dock.	8/20/2014	8:50	5	6	9
	BR20: Broadkill River at Milton tidal pond	8/20/2014	6:30	63	112	9
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	8/20/2014	12:32	63	205	9
<u>Prime Hook Creek</u>	BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	8/20/2014	12:01	10	162	8
Delaware Bay						
	DB01: End of Cape Shores pier	8/27/2014	8:17	5	7	12
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	8/19/2014	6:45	5	5	9
Indian River						
	IR24: Iron Branch - County road 331 at bridge	8/18/2014	10:02	471	583	9
<u>Indian River</u>	IR04: Warwick Cove	8/4/2014	10:28	20	15	8
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	8/18/2014	11:15	10	12	9
<u>Indian River</u>	IR20: Bay Colony	8/4/2014	7:55	10	12	8
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	8/18/2014	8:04	41	42	9
<u>Vines Creek</u>	IR38: Vines Lane	8/19/2014	7:50	20	17	9
<u>White Creek</u>	IR32: Holly Terrace Acres Canal Dead End, White Creek	8/18/2014	9:00	63	34	9

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

Little Assawoman Bay

	LA46: Fenwick Island Tide Gauge	8/19/2014	8:58	5	8	9
	LA48: W. Georgetown St. Canal – Fenwick	8/19/2014	7:15	10	21	9
<u>Assawoman Canal</u>	LA10: Assawoman Canal S end, Kent Ave Bridge	8/18/2014	7:20	156	450	9
<u>Dirickson Creek</u>	LA03: Mulberry Landing	8/18/2014	7:33	20	15	9
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	8/18/2014	8:07	84	198	9
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	8/19/2014	7:49	2,909	576	9
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	8/19/2014	7:44	98	231	9
<u>Jefferson Creek</u>	SB06: Brandywine Canal	8/19/2014	7:40	10	59	9
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	8/19/2014	7:22	30	14	9

Rehoboth Bay

	RB07: West Bay Park	8/19/2014	9:10	10	6	9
<u>Guinea Creek</u>	RB05: Mouth of Guinea Creek (Pot Nets Creekside)	8/18/2014	11:37	5	21	9
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	8/18/2014	8:30	1,396	285	9
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	8/18/2014	7:24	187	326	8
<u>Herring Creek</u>	RB90: Burton Prong	8/18/2014	8:50	1,558	709	3
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	8/18/2014	8:33	199	117	9
<u>Love Creek</u>	RB34B: Love Creek at Rt 24 bridge by boat	8/18/2014	10:10	148	Insufficient data	2
<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	8/18/2014	9:15	86	Insufficient data	2
<u>Love Creek</u>	RB81: Bundicks Branch at Beaverdam Rd	8/18/2014	12:13	278	678	3
<u>Love Creek</u>	RB82: Goslee Creek at Jimtown Rd	8/18/2014	12:33	448	789	3
<u>Love Creek</u>	RB83: Love Creek at Robinsonville Rd	8/18/2014	12:51	189	70	3
<u>Love Creek</u>	RB84B: Upper reach of Hetty Fisher Glade	8/18/2014	9:41	576	Insufficient data	2
<u>Love Creek</u>	RB85B: Mouth of Stillman Glade	8/18/2014	10:02	41	Insufficient data	2
<u>Love Creek</u>	RB86B: Mouth of Hetty Fisher Glade	8/18/2014	9:53	86	Insufficient data	2
<u>Love Creek</u>	RB87B: Upper Love Creek, Upstream of Webb Landing	8/18/2014	9:06	41	Insufficient data	2
<u>Love Creek</u>	RB88B: Upper Love Creek, just below marsh area	8/18/2014	8:56	52	Insufficient data	2

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