

Bacteria Report - Total Enterococcus All data 4/07/2014 - 9/24/2014

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	9/10/2014	11:00	5	8	10
<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	9/10/2014	10:45	419	635	10
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	9/10/2014	10:30	93	424	8
Dirickson Pond						
	LA38: The Hamlet at Dirickson Pond	9/9/2014	8:30	5	8	10
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	9/8/2014	8:56	754	209	9
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.	9/10/2014	8:45	20	7	10
	BR20: Broadkill River at Milton tidal pond	9/10/2014	7:10	110	111	10
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	9/10/2014	12:00	2,909	267	10
<u>Prime Hook Creek</u>	BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	9/10/2014	11:35	226	168	9
Delaware Bay						
	DB01: End of Cape Shores pier	9/16/2014	9:13	5	7	13
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	9/9/2014	8:56	10	6	10
Indian River						
<u>Indian River</u>	IR04: Warwick Cove	8/4/2014	10:28	20	15	8
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	9/8/2014	10:05	5	11	10
<u>Indian River</u>	IR20: Bay Colony	8/4/2014	7:55	10	12	8
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	9/8/2014	10:13	1,224	628	10
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	9/8/2014	8:07	5	34	10
<u>Vines Creek</u>	IR38: Vines Lane	9/9/2014	7:30	160	21	10
<u>White Creek</u>	IR32: Holly Terrace Acres Canal Dead End, White Creek	9/8/2014	9:15	86	37	10

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	9/9/2014	8:53	20	9	10
	LA48: W. Georgetown St. Canal – Fenwick	9/9/2014	8:01	30	22	10
<u>Assawoman Canal</u>	LA10: Assawoman Canal S end, Kent Ave Bridge	9/8/2014	7:20	457	451	10
<u>Dirickson Creek</u>	LA03: Mulberry Landing	9/8/2014	7:30	20	16	10
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	9/8/2014	8:10	465	216	10
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	9/2/2014	8:13	4,352	706	10
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	9/2/2014	8:06	201	228	10
<u>Jefferson Creek</u>	SB06: Brandywine Canal	9/2/2014	8:08	132	64	10
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	9/2/2014	8:21	5	13	10

Rehoboth Bay

	RB07: West Bay Park	9/9/2014	8:59	74	8	10
<u>Guinea Creek</u>	RB05: Mouth of Guinea Creek (Pot Nets Creekside)	9/8/2014	11:11	10	20	10
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	9/8/2014	8:00	6,131	387	10
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	9/8/2014	8:45	4,106	432	9
<u>Herring Creek</u>	RB90: Burton Prong	9/8/2014	9:30	1,421	844	4
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	9/8/2014	8:37	960	144	10
<u>Love Creek</u>	RB34B: Love Creek at Rt 24 bridge by boat	9/22/2014	12:13	309	267	4
<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	9/22/2014	13:45	84	149	4
<u>Love Creek</u>	RB81: Bundicks Branch at Beaverdam Rd	9/22/2014	9:39	776	738	5
<u>Love Creek</u>	RB82: Goslee Creek at Jimtown Rd	9/22/2014	9:58	1,095	720	5
<u>Love Creek</u>	RB83: Love Creek at Robinsonville Rd	9/22/2014	10:19	20	37	5
<u>Love Creek</u>	RB84B: Upper reach of Hetty Fisher Glade	9/22/2014	11:34	1,211	1104	4
<u>Love Creek</u>	RB85B: Mouth of Stillman Glade	9/22/2014	12:24	295	211	4
<u>Love Creek</u>	RB86B: Mouth of Hetty Fisher Glade	9/22/2014	12:37	327	266	4
<u>Love Creek</u>	RB87B: Upper Love Creek, Upstream of Webb Landing	9/22/2014	13:33	130	106	4
<u>Love Creek</u>	RB88B: Upper Love Creek, just below marsh area	9/22/2014	13:22	97	100	4
<u>Love Creek</u>	RB89B: Upper Stillman Glade	9/22/2014	12:00	663	Insufficient data	1

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