

# Bacteria Report - Total Enterococcus

Sampling Period 4/1/17 - 7/14/17

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.

Watershed		Last Sample Date	Time	Last Sample (Colonies per 100 mL)	Geometric mean (Colonies per 100 mL)	Sample Total
<u>Tributary</u>	Site: Name					
<b>Fresh water sites</b>		<b>EPA Fresh Water Standards for Swimming</b>		<b>185</b>	<b>100</b>	
<b>Broadkill River</b>						
<u>Beaverdam Creek</u>	BR55: Beaverdam Creek at Road 88	7/12/2017	9:44	959	143	6
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	7/12/2017	8:45	10	13	6
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	7/12/2017	10:40	20	10	3
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	7/12/2017	14:00	2,987	497	6
<b>Little Assawoman Bay</b>						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	7/11/2017	8:07	10	8	6
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	7/10/2017	6:54	1,664	233	6
<b>Rehoboth Beach</b>						
<u>Lake Gerar</u>	RL10: Lake Gerar bridge	7/10/2017	8:20	113	82	9
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	7/10/2017	8:28	30	48	9
<u>Silver Lake</u>	RL01: Silver Lake, Lake Drive Bridge	7/10/2017	8:46	20	55	9
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	7/10/2017	8:34	213	144	9
<b>Tidal water sites</b>		<b>EPA Tidal Water Standards for Swimming</b>		<b>104</b>	<b>35</b>	
<b>Broadkill River</b>						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock.	7/12/2017	8:50	5	6	6
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	7/12/2017	6:35	197	44	6
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	7/12/2017	9:22	833	287	5
<u>Wagamon's Pond</u>	BR41: Wagamon's Pond Outlet	6/14/2017	7:50	41	Insufficient data	1
<b>Delaware Bay</b>						
<u>Canary Creek</u>	BR19: Canary Creek at New Road	7/11/2017	9:20	404	444	4
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	7/11/2017	6:44	145	25	5
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	7/11/2017	8:46	10	5	9
<b>Indian River</b>						
<u>Indian River</u>	IR02a: Rosedale crabbing pier	7/10/2017	10:15	5	5	3
<u>Indian River</u>	IR03: Oak Orchard	7/10/2017	10:40	31	97	4
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	7/10/2017	11:10	10	6	6
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	7/11/2017	9:45	697	350	6
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	7/11/2017	7:45	30	16	6
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	7/12/2017	8:15	5	25	5
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	7/12/2017	7:10	63	21	5
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	7/12/2017	8:50	75	15	5
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	7/12/2017	7:50	63	32	5
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	7/11/2017	8:15	20	19	6
<u>Vines Creek</u>	IR38: Vines Lane	7/11/2017	8:10	85	24	6
<b>Little Assawoman Bay</b>						

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<b>Watershed</b>		<b>Last Sample Date</b>	<b>Time</b>	<b>Last Sample (Colonies per 100 mL)</b>	<b>Geometric mean (Colonies per 100 mL)</b>	<b>Sample Total</b>
<u>Tributary</u>	Site: Name					
<b>Tidal water sites</b>				<b>EPA Tidal Water Standards for Swimming</b>	<b>104</b>	<b>35</b>
<b>Little Assawoman Bay</b>						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	7/10/2017	7:15	5	6	6
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	7/10/2017	8:01	52	68	6
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	7/10/2017	6:23	1,918	256	6
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	7/11/2017	7:25	41	104	6
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	7/11/2017	7:40	341	155	6
<u>Jefferson Creek</u>	SB06: Brandywine Canal	7/11/2017	7:45	233	66	6
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	7/11/2017	7:15	20	17	6
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	7/11/2017	10:25	5	14	6
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	7/11/2017	8:51	5	10	6
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	7/12/2017	7:30	231	39	5
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	7/10/2017	7:17	1,354	667	6
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	7/10/2017	6:44	4,352	995	5
<u>Herring Creek</u>	RB90: Burton Prong	7/10/2017	9:30	450	205	6
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	7/11/2017	9:37	20	29	3
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	7/10/2017	9:34	86	49	6
<u>Love Creek</u>	RB80: Upper Love Creek at Webb Landing	7/11/2017	7:40	384	79	4
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	7/12/2017	6:40	10	11	5
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	7/12/2017	6:50	379	61	5
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Boat Ramp	7/12/2017	6:57	156	41	5
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	7/12/2017	9:10	5	7	5

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