

Bacteria Report - Total Enterococcus

Sampling Period 4/1/17 - 8/11/17

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					
Fresh water sites		EPA Fresh Water Standards for Swimming		185	100	
Broadkill River						
<u>Beaverdam Creek</u>	BR55: Beaverdam Creek at Road 88	8/9/2017	10:09	504	196	8
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	8/9/2017	8:30	10	14	8
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	8/9/2017	10:57	20	17	5
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	8/10/2017	9:45	63	370	7
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	8/8/2017	7:50	512	15	8
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	8/7/2017	7:58	512	304	8
Rehoboth Beach						
<u>Lake Gerar</u>	RL10: Lake Gerar bridge	8/9/2017	10:43	83	82	11
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	8/9/2017	10:54	63	47	11
<u>Silver Lake</u>	RL01: Silver Lake, Lake Drive Bridge	8/9/2017	10:32	97	57	11
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	8/9/2017	10:21	173	169	11
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock.	8/9/2017	8:50	31	11	8
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	8/9/2017	7:56	175	58	8
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	8/9/2017	9:47	657	343	7
<u>Wagamon's Pond</u>	BR41: Wagamon's Pond Outlet	6/14/2017	7:50	41	Insufficient data	1
Delaware Bay						
<u>Canary Creek</u>	BR19: Canary Creek at New Road	8/8/2017	9:20	5,172	677	6
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	8/8/2017	7:29	183	56	7
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	8/3/2017	8:52	5	6	11
Indian River						
<u>Indian River</u>	IR02a: Rosedale crabbing pier	8/7/2017	10:07	122	14	5
<u>Indian River</u>	IR03: Oak Orchard	8/7/2017	9:15	41	70	6
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	8/7/2017	10:50	10	6	8
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	8/7/2017	9:32	63	340	8
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	8/8/2017	7:25	121	29	8
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	8/9/2017	10:10	20	23	7
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	8/9/2017	9:15	20	24	7
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	8/9/2017	10:45	5	12	6
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	8/9/2017	9:45	20	39	7
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	8/8/2017	9:10	25,000	59	8
<u>Vines Creek</u>	IR38: Vines Lane	8/8/2017	7:45	14,136	70	8
Little Assawoman Bay						

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.

University of Delaware Citizen Monitoring Program

Watershed		Last Sample Date	Time	Last Sample (Colonies per 100 mL)	Geometric mean (Colonies per 100 mL)	Sample Total
<u>Tributary</u>	Site: Name					
Tidal water sites				EPA Tidal Water Standards for Swimming	104	35
Little Assawoman Bay						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	8/8/2017	7:03	3,076	16	8
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	8/8/2017	7:47	24,192	178	8
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	8/8/2017	6:17	25,000	511	8
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	8/8/2017	7:15	3,255	246	8
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	8/8/2017	7:25	3,255	350	8
<u>Jefferson Creek</u>	SB06: Brandywine Canal	8/8/2017	7:30	7,701	189	8
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	8/8/2017	7:35	3,654	46	8
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	8/8/2017	10:16	305	24	8
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	8/8/2017	8:25	9,208	31	8
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	8/9/2017	9:30	121	55	7
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	8/7/2017	7:27	2,046	956	8
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	8/7/2017	7:46	6,131	1687	7
<u>Herring Creek</u>	RB90: Burton Prong	8/7/2017	7:45	5,172	366	8
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	8/8/2017	9:35	246	57	5
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	8/7/2017	10:00	987	86	8
<u>Love Creek</u>	RB80: Upper Love Creek at Webb Landing	8/10/2017	7:15	1,674	252	6
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	8/9/2017	8:50	199	17	7
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	8/9/2017	8:55	86	78	7
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Boat Ramp	8/9/2017	9:05	63	70	7
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	8/9/2017	11:00	5	6	6

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.