

Bacteria Report - Total Enterococcus

Sampling Period 04/01/17 - 09/22/17

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	9/13/2017	10:06	583	240	10
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	9/13/2017	7:50	10	16	10
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	9/13/2017	10:30	41	16	7
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	9/14/2017	12:00	450	438	9
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	9/12/2017	8:00	10	13	10
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	9/11/2017	7:59	240	297	10
Rehoboth Beach						
<u>Lake Gerar</u>	RL10: Lake Gerar bridge	9/18/2017	10:05	41	67	15
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	9/18/2017	10:13	169	60	15
<u>Silver Lake</u>	RL01: Silver Lake, Lake Drive Bridge	9/18/2017	10:45	31	60	15
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	9/18/2017	10:37	20	147	15
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock.	9/13/2017	8:45	41	11	10
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	9/13/2017	6:22	52	65	10
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	9/13/2017	9:39	1,935	431	9
<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	9/12/2017	9:30	19,863	1108	8
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	9/12/2017	7:21	84	55	10
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	9/5/2017	8:41	5	6	13
Indian River						
<u>Indian River</u>	IR02a: Rosedale crabbing pier	9/11/2017	10:15	30	14	7
<u>Indian River</u>	IR03: Oak Orchard	9/11/2017	8:30	10	43	8
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	9/11/2017	11:10	5	7	10
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	9/11/2017	9:47	738	338	10
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	9/12/2017	7:45	31	24	10
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	9/12/2017	8:55	30	24	9
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	9/12/2017	9:33	5	17	9
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	9/11/2017	10:25	20	19	8
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	9/12/2017	9:57	52	39	9
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	9/12/2017	8:00	717	94	10
<u>Vines Creek</u>	IR38: Vines Lane	9/12/2017	8:30	880	95	10
Little Assawoman Bay						

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<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	9/11/2017	7:13	10	14	10
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	9/11/2017	7:52	327	205	10
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	9/11/2017	6:38	408	521	10
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	9/12/2017	7:40	10	153	10
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	9/12/2017	7:35	30	275	10
<u>Jefferson Creek</u>	SB06: Brandywine Canal	9/12/2017	7:30	10	150	10
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	9/12/2017	7:12	122	51	10
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	9/12/2017	10:37	10	20	10
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	9/12/2017	8:24	41	30	10
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	8/23/2017	6:30	31	51	8
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	9/11/2017	7:28	521	966	10
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	9/11/2017	7:48	3,654	1990	9
<u>Herring Creek</u>	RB90: Burton Prong	9/11/2017	9:00	776	489	10
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	9/12/2017	9:50	31	41	7
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	9/12/2017	10:35	3,448	135	10
<u>Love Creek</u>	RB80: Upper Love Creek at Webb Landing	9/11/2017	8:00	2,767	658	10
<u>Love Creek</u>	RB80B: Upper Love Creek at Webb Landing by boat	9/11/2017	8:21	3,848	Insufficient data	1
<u>Love Creek</u>	RB93: Love Creek, Dock upstream of RB80	9/11/2017	7:40	5,180	Insufficient data	1
<u>Love Creek</u>	RB94: Love Creek, Dock downstream of RB80	9/11/2017	7:25	3,179	Insufficient data	1
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	9/12/2017	9:07	5	19	9
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	9/12/2017	9:15	31	107	9
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Boat Ramp	9/12/2017	9:25	345	94	9
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	9/11/2017	11:24	5	6	8

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