

Bacteria Report - Total Enterococcus

Sampling Period: 4/1/21 - 9/30/21

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>	<u>Site: Name</u>					
Fresh water sites		EPA Fresh Water Standards for Swimming		185	100	
Broadkill River						
<u>Beaverdam Creek</u>	BR55: Beaverdam Creek at Road 88	9/15/2021	10:44	794	311	10
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	9/15/2021	9:45	5	9	10
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	9/15/2021	11:30	30	15	10
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	9/15/2021	11:00	2,909	3632	9
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	9/14/2021	8:00	10	7	10
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	9/14/2021	8:16	934	570	9
Rehoboth Beach						
<u>Lake Gerar</u>	RL10: Lake Gerar bridge	8/31/2021	12:52	41	51	4
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	8/31/2021	12:38	20	121	5
<u>Silver Lake</u>	RL01: Silver Lake, Lake Drive Bridge	8/31/2021	12:13	30	24	4
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	8/31/2021	12:27	31	50	5
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
	AI01: Assateague National Seashore Kayak Launch	8/29/2021	16:14	5	Insufficient data	1
	AI02: Assateague Island National Seashore Guarded Swimming Beach	8/29/2021	17:02	5	Insufficient data	1
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock	9/15/2021	8:45	5	9	11
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	9/15/2021	7:20	183	131	10
<u>Canary Creek</u>	BR19: Canary Creek at New Road	9/15/2021	9:30	7,701	338	10
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd.	9/15/2021	9:47	189	12	9
<u>Wagamon's Pond</u>	BR41: Wagamon's Pond Outlet	9/15/2021	11:05	5	Insufficient data	2
Delaware Bay						
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	9/14/2021	8:54	10	8	8
Indian River						
<u>Indian River</u>	IR02A: Rosedale crabbing pier	9/13/2021	10:04	31	29	10
<u>Indian River</u>	IR03: Oak Orchard	9/13/2021	9:05	30	62	10
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	9/13/2021	10:32	20	9	10
<u>Indian River</u>	IR26a: Peterson's pier, Possum Point	9/13/2021	10:50	10	101	10
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	9/14/2021	8:39	41	27	10
<u>Indian River</u>	IR39: North side of Inlet at Wheelchair fishing platform under new bridge.	4/13/2021	10:57	5	Insufficient data	1
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	9/2/2021	11:06	20	60	7
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	9/2/2021	10:29	63	117	7

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Watershed		Last Sample Date	Time	Last Sample (Colonies per 100 mL)	Geometric mean (Colonies per 100 mL)	Sample Total
<u>Tributary</u>	<u>Site: Name</u>					
<u>Tidal water sites</u>				<u>104</u>	<u>35</u>	
Indian River						
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	9/2/2021	11:42	121	105	7
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	6/9/2021	7:08	62	Insufficient data	1
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	9/14/2021	8:00	109	113	11
<u>Vines Creek</u>	IR38: Vines Lane	9/14/2021	9:05	269	57	10
Little Assawoman Bay						
<u>Assawoman Canal</u>	LA10: Assawoman Canal S end, Kent Ave Bridge	9/13/2021	9:23	1,789	177	8
<u>Dirickson Creek</u>	LA03: Mulberry Landing	9/13/2021	8:48	31	17	10
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	9/13/2021	8:18	631	526	10
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	9/14/2021	7:30	20	80	10
<u>Jefferson Creek</u>	SB04: Petherton canal at Rt1	9/14/2021	7:34	547	119	10
<u>Jefferson Creek</u>	SB06: Brandywine Canal	9/14/2021	7:38	547	114	10
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	9/14/2021	7:56	52	27	10
<u>Little Assawoman Bay</u>	LA42: Narrows Beach, off of Rt. 1 south of South Bethany knee deep wading sample.	9/13/2021	9:05	20	13	9
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	9/14/2021	8:45	110	13	10
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	9/14/2021	9:10	5	7	10
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	8/30/2021	8:42	31	20	7
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	9/14/2021	7:46	278	793	10
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	9/14/2021	8:05	3,654	1730	10
<u>Herring Creek</u>	RB90: Burton Prong	9/13/2021	9:20	160	377	10
<u>Lewes - Rehoboth Canal</u>	RB08: Lewes City Dock	8/18/2021	10:10	109	Insufficient data	1
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	8/18/2021	10:05	63	Insufficient data	1
<u>Lewes-Rehoboth Canal</u>	RB95: Lewes-Rehob Canal at Freeman Hwy Bridge, south bank	8/18/2021	10:20	41	Insufficient data	1
<u>Lewes-Rehoboth Canal</u>	RB96: Lewes Rehob Canal at Anglers Marina Boat ramp	8/18/2021	10:31	52	Insufficient data	1
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	9/14/2021	11:00	243	176	10
<u>Rehoboth Bay</u>	RB16E: Rusty Rudder Pier End	8/31/2021	11:50	20	17	7
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	9/2/2021	10:00	52	197	6
<u>Rehoboth Bay</u>	RB38: Joy Beach-bay	6/15/2021	10:40	10	Insufficient data	1
<u>Rehoboth Bay</u>	RB44: Camp Arrowhead (camp pier)	9/8/2021	10:30	10	13	8
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	9/2/2021	10:15	62	201	6
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Kayak Ramp	9/2/2021	10:20	20	98	7
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	9/2/2021	12:05	10	117	7

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