

Bacteria Report - Total Enterococcus

Sampling Period: 4/1/23 - 9/15/23

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		<u>EPA Fresh Water Standards for Swimming</u>		<u>185</u>	<u>100</u>	
Broadkill River						
<u>Beaverdam Creek</u>	BR55: Beaverdam Creek at Road 88	9/13/2023	11:25	19,863	423	10
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	9/13/2023	8:00	52	8	9
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	9/13/2023	12:28	85	23	10
<u>Wagamon's Pond</u>	BR41: Wagamon's Pond Outlet	9/13/2023	11:50	40	28	10
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	8/23/2023	12:30	4,569	4914	5
Indian River						
	PING: Ingrams Pond	9/5/2023	8:07	10	28	4
Little Assawoman Bay						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	9/12/2023	7:59	98	13	10
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	9/11/2023	8:27	3,255	1087	10
Rehoboth Beach						
<u>Lake Comegys</u>	RL03: Lake Comegys, dock at Lake Comegys Community	9/13/2023	7:45	6,488	533	5
<u>Lake Gerar</u>	RL10: Lake Gerar bridge	9/13/2023	8:55	262	81	7
<u>Lake Gerar</u>	RL11: Lake Gerar, outlet to ocean	9/13/2023	9:10	1,553	131	7
<u>Silver Lake</u>	RL01: Silver Lake, Lake Drive Bridge	9/13/2023	8:40	960	219	7
<u>Silver Lake</u>	RL04: Silver Lake, outlet to ocean	9/13/2023	8:15	907	764	7
<u>Silver Lake</u>	RL05: Gaspard's dock, near outlet	9/13/2023	8:30	256	114	3
Tidal water sites		<u>EPA Tidal Water Standards for Swimming</u>		<u>104</u>	<u>35</u>	
Assawoman Bay						
<u>Assawoman Bay</u>	RWPMXXX: Summertime Park	9/12/2023	11:15	20	Insufficient data	2
Atlantic Ocean						
	RWPM81: Herring Point, CHSP	5/17/2023	15:10	5	5	6
	RWPMVI: N Indian River Inlet	5/17/2023	14:00	10	6	5
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock	9/13/2023	8:45	5	13	10
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	9/13/2023	7:05	11,199	134	11
Delaware Bay						
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	7/20/2023	8:30	10	7	4
Indian River						
<u>Assawoman Canal</u>	IR50: Assawoman Canal at N end, Ocean View Marina	7/25/2023	9:00	41	50	3
<u>Indian River</u>	IR02A: Rosedale crabbing pier	9/12/2023	9:45	98	38	10
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	9/11/2023	10:10	10	14	10
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	9/11/2023	9:30	5,475	4041	3

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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>	IR26a: Peterson's pier, Possum Point	9/12/2023	9:15	816	430	10
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	9/12/2023	7:42	435	93	10
<u>Indian River</u>	RWPMVII: Holt's Landing Boat Ramp	9/12/2023	10:48	74	25	13
<u>Indian River</u>	RWPMXII: North IRI Boat Ramp	9/12/2023	10:11	10	7	13
<u>Indian River</u>	RWPMXVI: Rosedale Beach Boat Ramp	9/12/2023	8:30	111	27	13
<u>Indian River</u>	RWPMXXV: Quillens's Point VFW Boat Ramp	9/12/2023	10:31	31	52	13
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	9/12/2023	9:42	2,481	145	10
<u>Vines Creek</u>	IR38: Vines Lane	9/12/2023	9:23	959	120	10
Little Assawoman Bay						
<u>Assawoman Canal</u>	LA10: Assawoman Canal S end, Kent Ave Bridge	7/25/2023	8:40	359	103	5
<u>Dirickson Creek</u>	LA03: Mulberry Landing	9/11/2023	8:25	10	14	10
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge	9/11/2023	8:45	7,270	248	10
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	9/12/2023	7:50	5,475	194	10
<u>Jefferson Creek</u>	SB02: Anchorage Canal near elbow	9/12/2023	8:08	4,352	870	4
<u>Jefferson Creek</u>	SB04: Petherton canal at Rt1	9/12/2023	7:38	5,794	220	10
<u>Jefferson Creek</u>	SB05: Petherton canal, between lots 156 and 162	9/12/2023	7:55	9,208	608	4
<u>Jefferson Creek</u>	SB06: Brandywine Canal	9/12/2023	7:32	12,997	111	10
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	9/12/2023	7:20	9,804	70	10
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	9/12/2023	8:55	512	78	10
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	9/12/2023	8:30	2,909	34	9
<u>Little Assawoman Bay</u>	RWPMXIV: Fenwick, Coastal Kayak Boat Rental	8/29/2023	10:00	8	33	12
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	9/11/2023	7:58	7,701	521	10
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	9/11/2023	8:16	9,208	1780	10
<u>Herring Creek</u>	RB90: Burton Prong	9/11/2023	9:20	1,291	311	10
<u>Lewes-Rehoboth Canal</u>	RB08A: Lewes Canal Front Park - Kayak Launch	9/13/2023	10:58	52	47	8
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge	9/11/2023	9:30	794	169	10
<u>Rehoboth Bay</u>	RB07: West Bay Park	9/12/2023	10:40	41	27	10
<u>Rehoboth Bay</u>	RB16M: Rusty Rudder Pier Middle	9/12/2023	9:37	281	102	13
<u>Rehoboth Bay</u>	RWPMV: Tower Road Bayside	9/12/2023	9:45	650	228	18
<u>Rehoboth Bay</u>	RWPMX: Savage Ditch Kayak Ramp	8/29/2023	11:00	41	58	12
<u>Rehoboth Bay</u>	RWPMXV: Massey's Landing Boat Ramp	9/14/2023	14:00	20	12	25

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