

## 2023 Bacteria Data - Tributaries Enterococci Data

Two groups of bacteria are monitored to indicate the presense of human sewage and associated pathogens, or disease causing organisms - fecal coliforms and enterococci. The Rhode Island Department of Health (RIHealth) uses a single-value enterococci standard for licensed swimming beaches. The Rhode Island Department of Environmental Management (RIDEM) uses a geometric mean approach for contact recreation standards on all other waters (fresh and salt). In addition, as required by the National Shellfish Sanitation Program for shellfish waters and their tributaries and as an indicator of overall water quality, RIDEM assesses fecal coliform levels. (See "Tidal Rivers Bacteria" file for fecal data as available.)

While URIWW's Analytical Laboratories are State certified, URIWW data are intended for screening purposes only. Samples from various sites may have been collected over a period of days for each collection period, so may reflect dry versus wet weather or rain event values. Please contact URIWW for specific sample dates. Our data are very valuable for targeting areas of concerns and for tracking potential sources of bacterial contamination. Results above the state standard could be unsafe, and you should refrain from swimming until results return to acceptable levels, or at least for several days after heavy rain.

RI Department of Health Enterococci Standards:

Single Sample Not to exceed 60 enterococci per 100 mL.

RI Department of Environmental Management Enterococci Standards:

Non-designated Bathing Beach (Fresh) Waters Geometric Mean Density - Not to exceed 54 enterococci per 100 mL.

Designated Bathing Beach (Fresh) Waters Geometric Mean Density - Not to exceed 33 enterococci per 100 mL.

Watershed code	MONITORING LOCATION	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	GEOMEAN
	Lake - Trib name/location	---- Most Probable Number of Enterococci per 100 mL ----						
CC	Almy Pond - Inlet	-	-	504	934	-	284	511
CC	Almy Pond - Outlet	-	-	1935	4884	-	852	2004
WD	Barber - Mud Brook	-	17.3	-	267	-	-	68
WO	Geo @ Capron Pond	-	-	191	-	4839	13	227
WO	Geo @ Harris Brook	-	-	138	-	17	51	49
WO	Geoville Trib @ Below Harris	-	-	4.0	-	265	40	35
PA	Mashapaug Inlet	-	-	-	-	-	-	-
PA	Sand Pond Beach	-	-	6.3	-	4.2	-	5.1
B	S&S @ Balcom	-	31.6	-	528	496	-	202
B	S&S @ Cleo	-	6.0	-	<10	12	-	4
B	S&S @ Lucy Brook	-	585	-	1052	118	-	418
	Snow's Pond - Cranberry Cove	-	<1	<1	3.0	<1	<1	<1
TA	Stafford Pond - NE	-	12.4	-	1	-	2	3
WO	Stillwater Inlet	-	3.1	4.0	<1	<1	4	1
WO	Stillwater - Bouchers Dock	-	-	9	5.2	<1	8	2
WO	Waterman @ Rte 44	-	271	88	-	-	42	100
WO	Waterman @ Saw Mill	-	128	16	-	-	49	47
NA	Wesquage Inlet - Lake Road	-	-	-	-	-	131	-
NA	Wesquage Outlet - Pond	-	-	-	-	-	372	-
NA	Wesquage Out - Beach	-	-	-	-	-	10	-