

2022 Bacteria Data - Narragansett Bay Sites Enterococci Data

Two groups of bacteria are monitored to indicate the presence 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. (Fecal coliform data is available for marine waters and shellfish area tributaries in the "Tidal Rivers Bacteria" file).

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 Fresh Waters & Marine Waters.

RI Department of Environmental Management Enterococci Standards:

Marine (salt water) Geometric Mean Density: 35 enterococci per 100 mL.

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

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

Watershed code	MONITORING LOCATION	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	GEOMEAN
Arranged up/downstream and west to east - - - - Most Probable Number of Enterococci per 100 mL - - - -								
NA	STB - Providence River off STB	<10	<10	<10	<10	41	<10	<10
NA	STB - Greenwich Bay Mouth	<10	<10	<10	<10	<10	<10	<10
GB	STB - Warwick Cove	<10	<10	<10	<10	20	<10	<10
NA	STB - GB Sally Rock	<10	<10	<10	<10	<10	<10	<10
GB	GrBay #6 - Ponaug Marina	20	393	148	41	10	10	41
GB	STB - Greenwich Cove	<10	<10	<10	<10	<10	<10	<10
GB	GrBay #13 - EG Town Dock	20	10	10	10	31	10	14
NA	Wickford Harbor - Main St Dock	<10	42	20	10	10	20	<10
NA	Wickford Cove West of Loop Dr	<10	130	64	266	52	111	48
NA	Wickford Cove East of Loop Dr	<10	31	10	41	10	75	<10
NA	Jamestown - Zeek's Creek	<10	31	<10	520	624	20	25
NA	Jamestown - Fox Hill Marsh	<10	10	10	64	20	<10	11
PE	NR 01 - Gilbert Stuart	615	69	52	6488	194	4	149
PE	NR 02 - Upper Pond	10	10	10	75	<10	31	19
PE	NR 03 - Lower Pond A	<10	NA	<10	<10	10	10	<10
PE	NR 04 - Lower Pond B	<10	<10	<10	10	<10	10	<10
PE	NR 13 - Near Lakeside Rd.	<10	187	42	<10	10	20	17
PE	NR 05 b - Upstream Lacey Bridge	<10	10	31	161	84	<10	<10
PE	NR 06 - Mettatuxet Beach	<10	87	42	-	10	<10	<10
PE	NR 07 - End of Narrows	<10	20	42	52	10	31	<10
PE	NR 11 - Mettatuxet Brook	21	111	3080	<10	199	476	94
PE	NR 08 - Middlebridge	20	53	<10	<10	64	<10	16
PE	NR 12 - Mumford Brook	NA	431	488	942	638	576	592
PE	NR 24 - Starr Drive	NA	42	<10	52	<10	-	<10
PE	NR 10 - Sprague Bridge	<10	10	<10	86	3654	10	20
SK	Sapowet Marsh #3	<10	75	20	<10	10	10	<10