2024 Bacteria Data - Shellfish Tributary and Narrow River Sites: Fecal coliform

A number of groups of bacteria species are used to indicate the presense of human sewage and associated pathogens, or disease causing organisms in water. Fecal coliform are one group, and its monitoring is required under the National Shellfish Sanitation Program for shellfish waters and as an indicator of overall water quality. Thus RIDEM assesses fecal coliform levels in marine waters or waters that discharge directly to marine waters.

While URIWW's Analytical Laboratories are State certified, Watershed Watch data is intended for screening purposes only. Our data help target areas of concerns and track potential sources of bacterial contamination. Samples may have been collected over a several days for each collection period, so may reflect dry versus wet weather or rain event values. Please contact Watershed Watch for specific sample dates.

Any result above the state standard is considered unsafe, and swimmers should refrain from swimming until results return to acceptable levels, or at least for several days after heavy rain.

RI Department of Environmental Management fecal coliform standards:

Shellfish Waters - Geometric mean not to exceed 14 fecal coliform per 100 mL.

USEPA regulations require tributaries to meet receiving waters standards at the point where they enter.

Shellfish Waters Tributaries Fecal Coliform Data (see "Tidal-enterococci" or "Rivers-Bacteria" for enterococci data)

Watershed Code	MONITORING LOCATION	MAY	JUNE	JULY	AUG.	AUG (2)	SEPT.	OCT.	GEOMEAN
		-- Most Probable Number of Fecal coliform per 100 mL --							
SK	Seapowet Marsh (#3)	<10	10	-	-	-	-	-	**<10**
GB	STB - Apponaug Cove	42	**53**	-	-	-	-	-	**47**
GB	STB - Upper Warwick Cove	<10	<10	-	-	-	-	-	**<10**
NA	STB - Buckeye Brook Outflow	10	10	-	-	-	-	-	**<10**
NA	STB - Off Rocky Point	10	<10	-	-	-	-	-	**10**
NA	STB - Providence River off STB	<10	<10	-	-	-	-	-	**<10**
H	HW1b - Scrabbletown Brk @ Rte 4 Bridg	<1	42	-	-	-	-	-	**2**
H	HW#4 Davis Memorial	<4	4	-	-	-	-	-	**1**
H	HW#5 Sandhill Brk (Saw Mill Inlet)	12	<10	-	-	-	-	-	**3**
H	HW#6b Hunt @ Potowomut Pond	12	**956**	-	-	-	-	-	**108**
NA	Jamestown - Zeek's Creek	<10	20	-	-	-	-	-	**<10**
NA	Jamestown - Fox Hill Marsh	<10	<10	-	-	-	-	-	**<10**
WD	Pawcatuck River - North of WWTP	31	**96**	-	-	-	-	-	**55**
WD	Pawcatuck River - South of WWTP	20	<10	-	-	-	-	-	**<10**
WD	Pawcatuck River - Mastuxet Brook	<10	<10	-	-	-	-	-	**<10**
WD	Pawcatuck River - Mouth	41	**87**	-	-	-	-	-	**60**
NA	Wickford Harbor -Fishing Cove	<10	10	-	-	-	-	-	**<10**
NA	Wickford Harbor - Main St Dock	10	<10	-	-	-	-	-	**<10**
NA	Wickford Cove West of Loop Dr	31	<10	-	-	-	-	-	**<10**
NA	Wickford Cove East of Loop Dr	10	**53**	-	-	-	-	-	**23**
NA	Woonas. R @ Waterplace Park	**327**	**3654**	-	-	-	-	-	**1093**

Click here for Clean Up Sound & Harbors, Napatree Point, and Little Narragansett Bay Sites Data

Click here for Salt Ponds, Here for Bristol Harbor and Here for Block Island Bacteria Data

URI Watershed Watch Data - https://web.uri.edu/watershedwatch/

2024 Bacteria Data - Shellfish Tributary and Narrow River Sites: Fecal coliform

Narrow River Watch Sites (click here for NR enterococci data)

Watershed Code	MONITORING LOCATION	MAY	JUNE	JULY	AUG.	AUG (2)	SEPT.	OCT.	GEOMEAN
		-- Most Probable Number of Fecal coliform per 100 mL --							
PE	NR 01- Gilbert Stuart	<4	**64**	-	-	-	-	-	**5**
PE	NR 02 - Upper Pond	10	<10	-	-	-	-	-	**<10**
PE	NR 03 - Lower Pond A	<10	10	-	-	-	-	-	**<10**
PE	NR 04 - Lower Pond B	10	<10	-	-	-	-	-	**<10**
PE	NR 13 - Near Lakeside Rd.	10	10	-	-	-	-	-	**<10**
PE	NR 05 - Lacey Bridge	<10	<10	-	-	-	-	-	**<10**
PE	NR 06 - Mettatuxet Beach	<10	20	-	-	-	-	-	**<10**
PE	NR 07 - End of Narrows	31	-	-	-	-	-	-	**-**
PE	NR 11 - Mettatuxet Brook	**364**	**85**	-	-	-	-	-	**176**
PE	NR 08 - Middlebridge	<10	20	-	-	-	-	-	**<10**
PE	NR 12 - Mumford Brook	20	**1616**	-	-	-	-	-	**180**
PE	NR 24 - Starr Drive	<10	<10	-	-	-	-	-	**<10**
PE	NR 10 - Sprague Bridge	42	<10	-	-	-	-	-	**<10**

RI Department of Environmental Management Shellfish Standards: Not to exceed 14 fecal coliform per 100 mL.

See our factsheet on bacteria to learn more about monitoring bacteria and how we can all help to reduce bacterial input into our local water resources is available at http://cels.uri.edu/docslink/ww/water-quality-factsheets/Bacteria.pdf. See the RI Department of Health (http://www.health.ri.gov/beaches/) for additional information about beach monitoring and state standards. RIDEM has information on state efforts to restore waters impaired by bacteria and other pollutants at http://www.dem.ri.gov/programs/water/quality/.

Image from https://www.alltrails.com/trail/us/rhode-island/narrow-river-kayak-route/photos