

2023 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	MONITORING LOCATION	MAY	JUNE	JULY	AUG.	AUG (2)	SEPT.	OCT.	GEOMEAN
Code	- - Most Probable Number of Fecal coliform per 100 mL - -								
SK	Seapowet Marsh (#3)	-	20	175	<10	-	10	<10	<10
CC	Almy Pond Inflow	-	-	24196	3873	-	1935	>48392	>9679
CC	Almy Pond	-	-	16	52	-	51	52	39
CC	Almy Pond Outflow	-	-	435	19863	-	1782	82	2488
GB	STB - Apponaug Cove	-	41	-	473	-	74	<10	35
GB	STB - Upper Warwick Cove	-	20	-	41	-	<10	<10	<10
NA	STB - Buckeye Brook Outflow	-	<10	-	<10	-	41	<10	<10
NA	STB - Off Rocky Point	-	<10	-	<10	-	504	<10	<10
NA	STB - Providence River off STB	-	<10	-	<10	-	2310	10	12
H	HW#4 Davis Memorial	-	<10	132	4	-	46	-	13
H	HW #5 - Sandhill Brk (Saw Mill Inlet)	-	256	228	336	-	266	40	184
NA	Jamestown - Zeek's Creek	-	226	185	341	-	52	<10	59
NA	Jamestown - Fox Hill Marsh	-	<10	10	20	-	<10	<10	<10
WD	Pawcatuck River - North of WWTP	-	-	5172	31	-	10	86	108
WD	Pawcatuck River - South of WWTP	-	-	17329	301	-	1201	591	1387
WD	Pawcatuck River - Mastuxet Brook	-	-	1243	379	-	2142	1658	1137
WD	Pawcatuck River - Mouth	-	-	3784	10	-	121	164	166
NA	Wickford Harbor - Main St Dock	-	42	20	150	-	10	42	35
NA	Wickford Cove West of Loop Dr	-	148	473	<10	-	<10	10	15
NA	Wickford Cove East of Loop Dr	-	41	142	10	-	42	42	40
NA	Woonas. R @ Waterplace Park	-	-	2098	86	-	581	104	323

[Click here for Fishers Island, 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](#)

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

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Code	-- Most Probable Number of Fecal coliform per 100 mL --								
PE	NR 01- Gilbert Stuart	-	41	10	20	-	10	2	11
PE	NR 02 - Upper Pond	-	31	42	42	-	<10	53	20
PE	NR 03 - Lower Pond A	-	75	<10	10	-	31	31	15
PE	NR 04 - Lower Pond B	-	<10	<10	31	-	10	10	<10
PE	NR 13 - Near Lakeside Rd.	-	<10	<10	97	-	10	10	<10
PE	NR 05 - Lacey Bridge	-	20	10	10	-	20	20	15
PE	NR 06 - Mettatuxet Beach	-	10	10	31	-	31	20	18
PE	NR 07 - End of Narrows	-	10	41	137	-	20	<10	16
PE	NR 11 - Mettatuxet Brook	-	-	-	6294	-	476	12	330
PE	NR 08 - Middlebridge	-	31	63	52	-	31	31	40
PE	NR 12 - Mumford Brook	-	51	20	11199	-	2224	74	285
PE	NR 24 - Starr Drive	-	384	10	<10	-	<10		<10
PE	NR 10 - Sprague Bridge	-	31	52	97	-	64	10	40

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/www/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.ournaturalheritage.org/sapowet-marsh-tiverton-ri/](https://www.ournaturalheritage.org/sapowet-marsh-tiverton-ri/)