

2017 Bacteria Data - Rivers and Streams 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 standards for recreational contact (i.e. swimming):

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
		----	Most Probable Number of Enterococci per 100 mL					----
A	Annaquatket - Belleville @ RR Xing	21.3	529	479	71	124	251	151
WD	Beaver River @ Rte 138	4.1	171	-	58	87	16	36
NA	Buckeye Trib - Spring Green Outflow	44.1	229	294	536	161	26	137
NA	Buckeye Trib - Betwn Commerce & Loveday	5.2	125	414	327	171	17	80
NA	Buckeye Trib - Upstream of airport channel	-	-	278	43	84	51	85
NA	Buckeye Trib - Airport channel	-	-	98	4	121	<10	36
NA	Buckeye Trib @ Lakeshore Dr (culvert)	-	-	169	84	193	130	137
NA	Buckeye Brook @ Rodney Rd	58.4	228	2924	374	1467	1137	538
NA	Buckeye Brook @ Lockwood Brk	-	3255	521	2014	987	833	1229
NA	Buckeye Brook @ Warner Rd	556	4352	259	504	131	62	370
WD	Buckeye Brook @ Mill Cove	110	588	670	1160	2755	1010	720
GB	GB #4 - Mill Creek	24.2	657	369	198	171	285	196
GB	GB #5 - Hardig Upstream	224.2	5172	743	302	292	63	410
GB	GB #6 - Tuscatucket Br	24.4	408	573	24	75	10	69
GB	GB #7 - Southern Creek	68.4	3255	479	534	75	488	357
A	Himes River (@ Hideaway Ln)	13.2	187	650	53.6	171	20	82
H	HW #1A - Scrabbletown Brk @ Falls	1	875	198	76	40	36	52
H	HW #1B - Scrabbletown Brk @ Rte 4 Bridge	<1	576	258	50	112	44	39
H	HW #4 - Davis Memorial	10.6	-	-	-	-	-	-
H	HW #5 - Sandhill Brook (Saw Mill Inlet)	4	6488	591	312	323	84	225
H	HW #6 - Hunt River @ Forge Rd.	-	3654	1153	85	85	5	174
TH	Moosup Upstream	4	910	355	21	30	63	61
TH	Moosup A - Fairbanks	5.2	643	1842	58	57	2	59
M	Moshassuck - Sheridan Nature Sanctuar	88.4	211	1842	102	57	68	155
M	Moshassuck - Collyer Field FOTM tree 1	71	218	2908	155	134	245	248
M	Moshassuck - West River	101.2	359	1067	496	109	16	180

Click [HERE](#) for Narrow River enterococci and [HERE](#) for Narrow River fecal coliform data.

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		----	Most Probable Number of Enterococci per 100 mL					----
WD	Pawcatuck River @ Rte 91	4	66	1137	96	213	76	88
WD	Pawcatuck River - Bradford	5.2	-	1376	4	76	17	33
WD	Pawcatuck River - Upstream of Boombri	<1	68	2452	10	17	31	21
PA	Pawtuxet River upstream of Rhodes	120.4	87	1467	6	8	31	54
WD	Queen River @ Mail Rd	12	64	183	34.6	146	12	45
WD	Shickasheen @ Rte 2	121	34	173	DRY	48	11	52
WD	Shick. @ Miskiania Road	<10	52	63	977	-	47	43
WD	Shick. @ Barber Pond outlet	1	2	41	8.7	-	2	4
WD	Shick. @ Rte 138	20	95	3	177	-	105	41
WD	Shick. @ Liberty Lane	10	66	399	197	-	13	58
WD	Shunock River @ Hewitt	17.3	3654	169	107	8	67	92
TE	Ten Mile River - Hunt's Mill	-	52	657	4	51	-	51
TE	Ten Mile River - Upstream of Omega Po	52	544	86	111	100	15	86
WD	White Horn Brk – Ministerial	17.5	-	269	259	364	134	143
WD	TU - Falls River C - Austin Farms Rd	14.4	651	253	77	259	52	116
WD	TU - Flat River @ Midway RR	8.2	15	1379	83	83	35	59
WD	TU - Wood River @ Rte 165	4	182	1842	37	62	27	66
WD	Wood River @ Switch Rd	4	55	2452	201	48	15	65
WO	Woonasquatucket R. @ Whipple Field	3	1313	462	118	116	68	109
WO	Woonasquatucket R. @ Greystone Ponc	5.2	2190	34	15	4	<10	30
WO	Woonasquatucket River @ Donigian	16	3448	146	149	275	75	171
WO	Woonasquatucket River @ Waterplace f	173	7270	309	233	2187	169	568

Watershed code	MONITORING LOCATION	MAY	JUNE	250	AUG.	SEPT.	OCT.	GEOMEAN
		----	Most Probable Number of Enterococci per 100 mL					----
WPWA RIVER & TRIBUTARY SITES								
WD	WPWA- Ashaway River @ Rte 216	26.4	57	6867	34	152	69	124
WD	WPWA- Green Falls R @ Rte 184 (Exit 93)	8.2	136	3873	134	228	58	141
WD	WPWA - Pendelton Hill Brk @ Grindstone Rc	-	88.2	9208	131.4	95	55	223
WD	WPWA - Shunock River @ Rte 184	-	44	6488	26	263	26	139
WD	WPWA- Tomaquag Brk @ Chase Hill	37	138	1741	182	79	24	121
WD	WPWA - Chipuxet @ Rte 138	10.4	125	744	67	8.6	29	50
WD	WPWA - P'tuck @ Biscuit City Rd	<2	34	1302	61	60	48	34
WD	WPWA - P'tuck below Kenyon Ind.	8.2	310	643	33.6	104	39	78
WD	WPWA - P'tuck @ Burdickville Rd	2	57	188	20	68	30	31
WD	WPWA - Usquepaugh @ Rte 2	6.2	48	1274	37	34	29	49

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