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Friends of the Shenandoah River's 2024 Summer Quantitative *E. coli* Test Results at public recreational use sites on the Main Stem, South Fork and North Fork of the Shenandoah River

These results provide a snapshot of the *E. coli* bacteria concentrations at the designated sites on the date, time, and under the conditions that the water samples were collected.

SITE ID	SITE DESCRIPTION	5/21	5/30	6/5	6/11	6/19												
FC08	Main-stem Shenandoah River at Castleman's Ferry public boat ramp, Route 7 bridge	114.5	55.7	40.6	51.2	79.8												
FC05	Main-stem Shenandoah River at Lockes Landing public boat landing	99.0	77.6	144.5	129.6	66.3												
FC01	Main-stem Shenandoah River at Berry's public boat ramp, Route 50 bridge	86.0	34.5	36.4	38.4	28.2												
FW35	[illegible] bridge public boat landing below confluence with Manassas Run	127.4	167.0	129.8	77.7	85.7												
FW35MID	Main-stem Shenandoah River at Morgan's Ford low H2O bridge mid width of river	⟷	118.7	42.9	54.8	87.8												
FW36	Manassas Run upstream of confluence with main-stem Shenandoah River, just upstream of public boat landing	201.4	159.7	**325.5**	142.1	**1732.9**												
FW14	SF Shenandoah River at Front Royal public boat landing off Luray Ave.	56.5	30.9	25.4	25.9	18.7												
FWAGSP	SF Shenandoah River @ Raymond R. "Andy" Guest Jr., Shenandoah River State Park	**275.5**	86.2	13.7	23.1	41.0												
FWIH	SF Shenandoah River at Bentonville public boat launch off Indian Hollow Road	**235.9**	22.8	19.2	17.1	13.0												
FPHCTL	Hawksbill Creek Town of Luray off Virginia Ave. (Rt. 340) @ Pocket Park	**648.8**	**980.4**	**816.4**	**517.2**	**547.5**												
FPHCTL - compliance split H2O sample	Hawksbill Creek Town of Luray off Virginia Ave. (Rt. 340) @ Pocket Park				**461.1**													
FPHCUB	Hawksbill Creek Town of Luray off Virginia Ave. (Rt. 340) upstream of site FPHCTL and pedestrian bridge				**648.8**													
FPM13	SF Shenandoah River at Moody public boat landing Mile 13	143.9	52.9	40.6	79.8	32.7												
FP03	SF Shenandoah River at Salem-White House public boat landing on east side of river, river right	143.0	23.3	23.8	21.6	56.5												
FP02	SF Shenandoah River at Newport public boat ramp downstream of Riverside Campground/ Kite's Store	191.8	42.8	**235.9**	35.0	14.5												
FPSLRP	SF Shenandoah River at Shenandoah Landing and River Park, 315 Morrison Rd. Town of Shenandoah	160.7	56.5	**235.2**	137.6	51.2												
FSMB	NF Shenandoah River at Meems Bottom	131.4	61.3	200.5	68.3	111.9												
FSSP	NF Shenandoah River at Strasburg Park public boat landing	93.2	31.8	47.8	37.3	41.4												

RED indicates the *E. coli* concentration exceeded EPA's Freshwater Beach Action Values (BAVs): A tool provided to states by the EPA to use as a precautionary "do not exceed" value (235 CFU of *E. coli* per 100 mL of water sample) for early alert to freshwater recreators, including families with children. For states that choose to use a BAV, any single sample above the BAV could trigger an alert notification until another sample below the BAV is collected. As of October 2019 Virginia no longer has a single, instantaneous, sample maximum threshold criteria for E. coli bacteria related to primary recreational contact in freshwaters.