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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	6/26	7/1	7/10	7/17	7/24	7/31	8/6	8/15	8/21	8/29		
FC08	Main-stem Shenandoah River at Castleman's Ferry public boat ramp, Route 7 bridge, Clarke County VA	114.5	55.7	40.6	51.2	79.8	50.4	33.6	45.0	67.0	980.4	150.0	387.3	517.2	41.4	142.1		
FC05	Main-stem Shenandoah River at Lockes Landing public boat landing, Clarke County VA	99.0	77.6	144.5	129.6	66.3	16.0	74.9	35.5	33.2	93.3	149.7	44.1	77.1	63.1	52.1		
FC01	Main-stem Shenandoah River at Berry's public boat ramp, Route 50 bridge, Clarke County VA	86.0	34.5	36.4	38.4	28.2	14.6	55.6	15.8	30.9	27.2	160.7	21.3	71.2	66.3	20.3		
FW35	Main-stem Shenandoah River at Morgan's Ford low H2O bridge public boat landing below confluence with Manassas Run, Warren County VA	127.4	167.0	129.8	77.7	85.7	69.1	26.5	←→*	←→*	←→*	←→*	←→*	96.0	57.3	50.4		
FW35MID	Main-stem Shenandoah River at Morgan's Ford low H2O bridge mid width of river between 3rd & 4th pier column from bank on river-right, Warren County VA	←→	118.7	42.9	54.8	87.8	59.1	27.5	44.1**	29.2**	27.9**	83.9**	15.6**	27.5	13.5	22.8		
FW36	Manassas Run upstream of confluence with main-stem Shenandoah River, just upstream of public boat landing, Warren County VA	201.4	159.7	325.5	142.1	1732.9	435.2	275.5	172.5	980.4	80.5	248.1	146.7	365.4	727.0	290.9		
FW14	SF Shenandoah River at Front Royal public boat landing off Luray Ave., Warren County VA	56.5	30.9	25.4	25.9	18.7	17.5	14.5	23.1	19.9	8.6	6.3	4.1	69.7	47.1	20.9		
FWAGSP	SF Shenandoah River @ Raymond R. "Andy" Guest Jr., Shenandoah River State Park, Warren County VA	275.5	86.2	13.7	23.1	41.0	30.1	12.1	29.8	20.1	23.1	47.1	25.9	33.6	41.7	40.8		
FWIH	SF Shenandoah River at Bentonville public boat launch off Indian Hollow Road, Warren County VA	235.9	22.8	19.2	17.1	13.0	15.6	5.2	9.7	10.9	25.9	10.9	12.2	48.0	33.1	5.2		
FPHCTL	Hawksbill Creek, Town of Luray at Pocket Park adjacent to Virginia Avenue (Rt. 340) downstream of Greenway pedestrian bridge, Page County VA	648.8	980.4	816.4	517.2	547.5	980.4	410.6	686.7	866.4	686.7	488.4	613.1	1299.7	410.6	365.4		
FPM13	SF Shenandoah River at Moody public boat landing Mile 13, Page County VA	143.9	52.9	40.6	79.8	32.7	14.8	7.3	35.5	7.5	21.3	18.7	38.4	46.4	26.5	36.4		
FP03	SF Shenandoah River at Salem-White House public boat landing on east side of river, river right, Page County VA	143.0	23.3	23.8	21.6	56.5	25.6	21.8	38.3	9.7	40.2	8.6	52.1	57.1	20.1	29.2		
FP03WL	SF Shenandoah River on westside, river left, across from FP03, north end of Luray RV Resort, Page County VA									29.5	41.4		56.5		30.9			
FP02	SF Shenandoah River at Newport public boat ramp downstream of Riverside Campground/ Kite's Store, Page County VA	191.8	42.8	235.9	35.0	14.5	27.9	3.1	12.2	18.7	88.2	4.1	3.1	67.0	24.3	50.4		
FPSLRP	SF Shenandoah River at Shenandoah Landing and River Park, 315 Morrison Rd. Town of Shenandoah, Page County VA	160.7	56.5	235.2	137.6	51.2	21.6	9.5	17.1	5.2	29.2	10.8	25.3	79.8	30.9	19.9		
FSMB	NF Shenandoah River at Meems Bottom, Shenandoah County VA	131.4	61.3	200.5	68.3	111.9	95.9	161.6	54.8	38.4	48.7	17.1	30.5	83.0	142.1	18.5		
FSSP	NF Shenandoah River at Strasburg Park public boat landing, Shenandoah County VA	93.2	31.8	47.8	37.3	41.4	42.8	24.3	25.3	14.6	57.3	115.3	24.1	64.4	42.0	38.9		

Sites located on the Main-stem Shenandoah River in Clarke and Warren County VA

Site located on Manassas Run a tributary of the Main-stem Shenandoah River in Warren County VA

Sites located on the South Fork Shenandoah River in Warren and Page County VA

Site located on Hawksbill Creek a tributary of the South Fork Shenandoah River in Page County VA

Sites located on the North Fork Shenandoah River in Shenandoah County VA

RED indicates the *E. coli* concentration exceeded the US Environmental Protection Agency recommended precautionary "do not exceed" Beach Action Value (BAV) of 235 CFU of *E. coli* bacteria per 100 mL of water sample for early alert to freshwater recreators, including families with children.

*No H2O sample collected because the water level has receeded so that the bank meets River at the mid-river site, FW35MID

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