



Friends of the Shenandoah River
Water-quality Testing Laboratory
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Date: April 09, 2025

Laboratory Personnel: K. Andersen

Organization/Location of Samples: Friends of the Shenandoah River's 2024 Summer *E. coli* Testing Program

Colilert 18 - 22 hr Quantifying *E. coli* Concentrations

Catalog #	WP200I-18
Part #	98-08877-00
Lot #	CY150
Exp. Date	15 AUG 2025

Date H₂O samples collected: 04.09.2025		
Date Tests Set Up: 04.09.2025	Time In Incubator: 13:32	Incubator Temp: 35.0°C
Date Results Read: 04.10.2025	Time Out Incubator: 09:24	Incubator Temp: 35.0°C

Site Name/ID:	Site Description	Quantity of H ₂ O Sample Tested:	H ₂ O sample Undiluted/Diluted	Tray Well Count:	# Positive Large Wells	# Positive Small Wells	MPN <i>E. coli</i> CFUs per 100 ml sample:
FPHCTL	Hawksbill Creek in Town of Luray @ Greenway Pocket Park adjacent to Virginia Ave (Rt. 340)	100mL	Undiluted	97	49	25	461.1*
FPHCGWP&R	Hawksbill Creek in Town of Luray @ Greenway Park & Ride, Commuter Court off Hwy 340 Bus, site upstream of 340/211 East Bridge	100mL	Undiluted	97	49	21	365.4*

These results represent the *E. coli* levels on the day, time, and conditions when the water sample was collected at each of the sites. *E. coli* levels are fluid, meaning that the concentration of *E. coli* changes.

***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.