

Virginia TMDL Implementation Project Report

FALLING RIVER

Virginia Nonpoint Source MANAGEMENT PROGRAM

Project Location and Background

Falling River is located in Campbell and Appomattox Counties, Virginia. An implementation project to address a bacteria impairment on the river was initiated in 2006. The VA Department and Conservation and Recreation (DCR) contracted with the Robert E. Lee Soil and Water Conservation District and provided Water Quality Improvement Funds (WQIF) towards the project implementation.

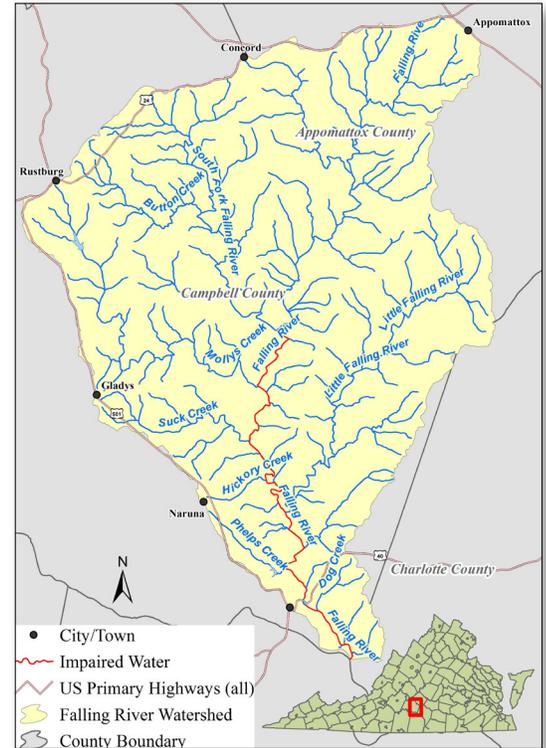
Implementation Highlights

The table below lists BMPs implemented in the watershed between 2006 and 2015. DCR discontinued the implementation project at the end of FY2015. These BMPs were funded with state WQIF/VNRCF targeted TMDL cost-share funds. The total cost-share payments for these BMPs were \$1,972,457. From July 1, 2014 through June 30, 2015 three live-stock exclusion practices were installed. A total of 29,482 feet of stream fencing has been installed through the USDA Conservation Reserve Enhancement Program. State TMDL fencing practices total an additional 283,737 feet, bringing total fencing installed to 60 miles.

Table 1. Falling River BMP Summary: 2006-2015

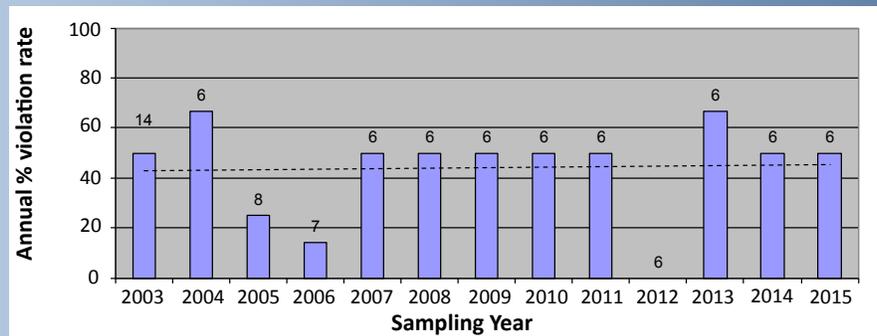
BMP code*	Units	Installed
CRFR-3	Acres	98
CRSL-6	Feet	29,4580
CRWQ-1	Acres	6
FR-1	Acres	198
LE-1T	Feet	108,029
LE-2T	Feet	7,050
NM-1	Acres	1,020
NM-2	Acres	697
SL-6T	Feet	150,458
SL-6B	Acres	6,664
SL-7T	Acres	19
SL-8B	Acres	1,786
SL-8H	Acres	1,550
SL-10T	Acres	96
SL-11	Acres	2
WP-2A	Feet	225
WP-2T	Feet	18,200
WP-3	Acres	3

*For BMP code definitions, see Appendix 2 or visit the [DCR webpage](#).



Water Quality Monitoring Results

Falling River (4AFRV010.99)
% Violation rates: *E. coli* standard



Water quality data collected by VADEQ from 2003 through 2015 was analyzed to determine the impact of BMPs on *E. coli* violation rates and associated long term trends.

The bar graph shows the percent violation rate for samples collected annually that did not meet the water quality standard of 235 cfu/100 mL. The number of samples collected each year is shown above each bar. The linear regression fitted to the data does not show any trend in violation rates over the sampling period, **indicating no improvement in water quality in Falling River.**



For more information, contact:

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