

Virginia Department of Environmental Quality
Appendix 4 - Fact Sheets for
Impaired (Category 4 or 5) Waters in 2022

James River Basin

Cause Group Code: H26L-01-DO South Fork Rivanna River Reservoir

Cause Location: South Fork Rivanna Reservoir from the dam upstream, including the Ivy Creek arm of reservoir.

Cause City/County: Albemarle County

Use(s): Aquatic Life

Causes(s)/VA Category: Dissolved Oxygen/5A

Cause Description: The South Fork Rivanna River Reservoir is impaired for aquatic life use due to exceedances of the DO WQS at stations 2-RRS003.59 (15 exceedances of 55 samples for DO) and 2-RRS005.62 (7 exceedances of 55 samples for DO).

Assessment Unit / Water Name / Location Desc.	Cause Category	Cause Name	Cycle First Listed	TMDL Dev. Priority	Water Size
VAV-H26L_01 / S F Rivanna River Reservoir / South Fork Rivanna Reservoir from the dam upstream to the confluence with Ivy Creek	5A	Dissolved Oxygen	2018	L	120.30
VAV-H26L_IVC01A22 / S F Rivanna River Reservoir / South Fork Rivanna River Reservoir Ivy Creek Arm	5A	Dissolved Oxygen	2018	L	61.01
VAV-H26L_RRS01A22 / S F Rivanna River Reservoir / South Fork Rivanna River Reservoir from the confluence of Ivy Creek, upstream to the uppermost extent of the lake	5A	Dissolved Oxygen	2018	L	217.39

South Fork Rivanna River Reservoir

Aquatic Life	Estuary (Sq. Miles) Reservoir (Acres) River (Miles)
Dissolved Oxygen - Total Impaired Size by Water Type:	
	398.7

Sources: Natural Sources; Non-Point Source