

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

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**James River Basin**

**Cause Group Code:** **H30R-01-BEN** **Mechunk Creek**

Cause Location: Mechunk Creek from its confluence with Jacks Branch downstream to the DOC water intake near the Route 250 bridge crossing. (Start Mile: 10.31 End Mile: 7.27 Total Impaired Size: 3.04 Miles) This impaired was shortened in 2018 with the delisting of the upstream segment.

Cause City/County: Albemarle County; Fluvanna County

Use(s): Aquatic Life

Causes(s)/VA Category: Benthic Macroinvertebrates Bioassessments/5A

Cause Description: This segment is impaired due to exceedances of the General Standard for benthics at station: 2-MCK007.47 (Impaired for VSCI) Initial Listing Date: 2012.

Assessment Unit / Water Name / Location Desc.	Cause Category	Cause Name	Cycle First Listed	TMDL Dev. Priority	Water Size
VAV-H30R_MCK02A10 / Mechunk Creek / Mechunk Creek from its confluence with Jacks Branch downstream to the DOC water intake near the Route 250 bridge crossing.	5A	Benthic Macroinvertebrates Bioassessments	2012	L	3.04

Mechunk Creek

**Aquatic Life**

Benthic Macroinvertebrates Bioassessments - Total Impaired Size by Water Type:

Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)
		3.04

Sources: Non-Point Source