Assessment Summary

Opossum Run 0.0 to 1.6 **KY499964_01**	 This part of the stream partially supports aquatic life, does not support swimming (Primary Contact Recreation).
Mouth to below Pond	
Muhlenberg County, Green River Basin	
HUC 05110003	
Assessment Date: 11/25/2015	

Use	Cause of Impairment	Suspected Source(s) of Impairment	Basis for Listing	Data Collection and Analysis Methods[1,2,3]
 (4C-PS)	Habitat Assessment (Streams)	Agriculture, Loss of Riparian Habitat	Man-made or man-induced alteration of the chemical, physical (e.g. habitat), biological, and radiological integrity of water	Biological Monitoring, Habitat Assessment, Physical/Chemical Monitoring
 (5-PS)	Sedimentation/Siltation	Agriculture, Loss of Riparian Habitat	Sediment deposition is negatively affecting the aquatic community (e.g. habitat smothering) and/or recreation	Biological Monitoring, Habitat Assessment, Physical/Chemical Monitoring
 (4A-NS)	Escherichia coli (TMDL exists for this cause)	Non-Point Source	Concentrations exceeded the water quality standard	Pathogen Monitoring

[1] Data locations: Physical/chemical monitoring data and pathogen data can be found on the EPA Water Quality Portal; chemical monitoring data for regulated facilities (e.g. wastewater and drinking water) can be found in the EPA ECHO database (online); biological monitoring summary scores and habitat assessment scores can be found in the EPA STORET database (online); and raw community species data and fish tissue analysis data are available on request through KDOW Open Records (expected in STORET 2015).

[2] Data Source(s): KDOW TMDL

[3] Data Collection Date(s): 1/4/2011 - 3/18/2014

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