Assessment Summary

Pond Creek 14.4 to 18.1 **KY501042_05**	 This part of the stream does not support aquatic life, does not support swimming (Primary Contact Recreation), does not support fishing/wading/boating (Secondary Contact Recreation).
Bat East Creek to Sandlick Creek	
Muhlenberg County, Green River Basin	
HUC 05110003	
Assessment Date: 11/26/2013	

Use	Cause of Impairment	Suspected Source(s) of Impairment	Basis for Listing	Data Collection and Analysis Methods[1,2,3]
 (4A-NS)	Escherichia coli	Non-Point Source	Concentrations exceeded the water quality standard	Pathogen Monitoring
 (4A-NS)	pH	Acid Mine Drainage	Concentrations did not meet the water quality standard	Pathogen Monitoring
 (4A-NS)	pH	Acid Mine Drainage	Concentrations did not meet the water quality standard	Pathogen Monitoring
 (4A-NS)	Lead	Upstream Source	Concentrations exceeded the water quality standard	Physical/Chemical Monitoring
 (4A-NS)	pH	Acid Mine Drainage	Concentrations did not meet the water quality standard	Physical/Chemical 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, Murray State Univ

[3] Data Collection Date(s): 11/16/2010 - 10/20/2011

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