

Assessment Summary

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| Otter Creek 6.4 to 16.0 KY500023_02 |  <p>This part of the stream does not support aquatic life.</p> |
| UT to Headwaters | |
| Hopkins County, Green River Basin | |
| HUC 05110006 | |
| Assessment Date: 10/16/2013 | |

| Use | Cause of Impairment | Suspected Source(s) of Impairment | Basis for Listing | Data Collection and Analysis Methods ^{1,2,3} |
|---|--|--|--|---|
|  (5-NS) | Physical substrate habitat alterations | Agriculture, Channelization, 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 |
|  (5-NS) | Sedimentation/Siltation | Channelization, Loss of Riparian Habitat, Streambank Modifications/destabilization | Sediment deposition is negatively affecting the aquatic community (e.g. habitat smothering) and/or recreation | Biological Monitoring, Habitat Assessment |

¹Data 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).

²Data Source(s): KDOW

³Data Collection Date(s): 6/21/2011

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