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Margaret Stebbins  
Kentucky Assessment, Listing, and TMDL Coordinator  
Water Protection Division  
U.S. EPA Region 4  
Atlanta Federal Center  
61 Forsyth Street, SW  
Atlanta, Georgia 30303-8960

**Re: Gunpowder Creek TMDL Alternative Submittal**

Dear Ms. Stebbins:

The Kentucky Division of Water (DOW) is submitting the Gunpowder Creek Watershed Plan, NPS Project#2009-10, the DOW Watershed Plan Approval Letter, the Boone County submittal Cover letter, and the Gunpowder Creek Watershed Plan Primary Contact Recreation (PCR) Supplement documents for EPA's review and acceptance of the Gunpowder Creek Total Maximum Daily Load (TMDL) Alternative Plan for the segments listed in the table below.

The TMDL Alternative for the Gunpowder Creek Watershed is a unique opportunity to work with a variety of engaged and active local stakeholder partners in the watershed for implementation to address sources and continue to monitor and adaptively manage the watershed. The Watershed Plan was approved by the division and the EPA in 2015. Additionally, the Gunpowder Creek Watershed Plan PCR supplement was developed to assist in directing implementation efforts with the goal of attaining the PCR designated use in the watershed. We will use comprehensive adaptive management to address all impairments, with reporting and updates each calendar year.



<b>Waterbody &amp; Segment</b>	<b>Waterbody ID</b>	<b>Impaired Use <sup>(1)</sup> (Support Status) <sup>(2)</sup></b>	<b>Pollutant</b>
Fowlers Fork 0.0 to 4.1	KY492398_01	PCR (NS)	Escherichia coli <sup>(3)</sup>
Gunpowder Creek 0.0 to 15.35	KY493502_01	WAH (PS)	Sedimentation/Siltation
Gunpowder Creek 0.0 to 15.35	KY493502_01	PCR (PS)	Escherichia coli <sup>(3)</sup>
Gunpowder Creek 15.35 to 17.05	KY493502_02	WAH (NS)	Sedimentation/Siltation
Gunpowder Creek 15.35 to 17.05	KY493502_02	WAH (NS)	Organic Enrichment (Sewage) Biological Indicators
Gunpowder Creek 15.35 to 17.05	KY493502_02	WAH (NS)	Nutrient/Eutrophication Biological Indicators
Gunpowder Creek 19.35 to 21.95	KY493502_03	WAH (PS)	Cause Unknown
Long Branch 0.0 to 2.55	KY497064_01	PCR (PS)	Escherichia coli <sup>(3)</sup>
Riddle Run 0.0 to 4.7	KY501838_01	PCR (PS)	Escherichia coli <sup>(3)</sup>
South Fork Gunpowder Creek 0.0 to 2.0	KY503926_01	WAH (NS)	Nutrient/Eutrophication Biological Indicators
South Fork Gunpowder Creek 0.0 to 2.0	KY503926_01	WAH (NS)	Organic Enrichment (Sewage) Biological Indicators
South Fork Gunpowder Creek 0.0 to 2.0	KY503926_01	WAH (NS)	Sedimentation/Siltation
South Fork Gunpowder Creek 0.0 to 2.0	KY503926_01	WAH (NS)	Turbidity

South Fork Gunpowder Creek 4.2 to 6.4	KY503926_02	PCR (NS)	Escherichia coli <sup>(3)</sup>
South Fork Gunpowder Creek 6.4 to 8.1	KY503926_03	PCR (NS)	Escherichia coli
UT of Gunpowder Creek 0.0 to 3.85	KY493502-17.05_01	PCR (NS)	Escherichia coli <sup>(3)</sup>
UT of South Fork Gunpowder Creek 0.0 to 2.5	KY503926-5.3_01	PCR (PS)	Escherichia coli <sup>(3)</sup>
<sup>(1)</sup> PCR: Primary Contact Recreation; WAH: Warm Water Aquatic Habitat <sup>(2)</sup> NS: Non-Support; PS: Partial Support <sup>(3)</sup> Included in 2016 303(d) List			

Communications regarding this matter should be addressed to Alicia Jacobs at (502) 782-6987 or by email at [alicia.jacobs@ky.gov](mailto:alicia.jacobs@ky.gov).

Sincerely,



Peter T. Goodman, Director  
Division of Water

Enclosures  
cc: TMDL Admin Record

