



Department Source: City Utilities - Sewer/Stormwater

To: City Council

From: City Manager & Staff

Council Meeting Date: December 17, 2018

Re: Authorizing an intergovernmental agreement with the County of Boone and Curators of the University of Missouri for a Hinkson Creek Collaborative Adaptive Management (CAM)

Cost Sharing Study: Aquatic Macroinvertebrate Data Mining Project and; transferring funds.

## Executive Summary

Staff has prepared for Council consideration an ordinance which will authorize the City Manager to execute an Intergovernmental Cooperative Agreement between the City of Columbia, the County of Boone, and the Curators of the University of Missouri for a Hinkson Creek Collaborative Adaptive Management (CAM) Cost Sharing Study: Aquatic Macroinvertebrate Data Mining Project and which will transfer funds to cover the cost of the study.

## Discussion

On April 1, 2013, Council authorized an Intergovernmental Cooperative Agreement between the City of Columbia, the County of Boone, and the Curators of the University of Missouri (MS4 Partners) with regard to how the Parties will contribute to projects that are initiated in the CAM process. This is attached as Exhibit A of the agreement. In that agreement, it states that for research, study or monitoring-type projects, the three entities will each be responsible for one-third of the project cost. For each project, the MS4 Partners shall agree in writing to the project.

At the June 26, 2018 CAM Stakeholders meeting, the Stakeholders unanimously supported (with a University member abstention) the MS4 Partners moving forward with the "Hinkson Creek Aquatic Macroinvertebrate Data Mining Project". The scope of this study is detailed in Exhibit B of the agreement. The metrics for Hinkson Creek's status on the impaired waters list are directly related to macroinvertebrate populations. This study will further analyze and interpret existing macroinvertebrate data collected by the Missouri Department of Natural Resources (MDNR). Results of this study are expected to aid in the diagnosis of specific causes for decline in the aquatic life of the Hinkson Creek Watershed. Once probable causes are determined, management actions can be proposed to address the causes or mitigate their effects on aquatic life. Boone County will provide project administration to retain a consultant to perform the study, MS4 partners will participate in the selection of the consultant. The proposed agreement fits with the framework of the April 2013 Intergovernmental Cooperation Agreement with the MS4 partners for sharing the costs for CAM related studies.

The budget for the study is \$99,000 with the MS4 Partners each contributing \$33,000. The Storm Water Utility appropriates money yearly to the Storm Water Capital Annual CAM Projects account to fund CAM capital improvement projects and/or studies as they are



identified and move forward. The study is a CAM project however, it is not a capital improvement project. This ordinance will also transfer \$33,000.00 from the Storm Water Annual CAM Projects account to a Storm Water Utility operating account in order to pay the City's share of the expense for the study.

### Fiscal Impact

Short-Term Impact: \$33,000

Long-Term Impact: There is no long term impact associated with this study.

### Strategic & Comprehensive Plan Impact

[Strategic Plan Impacts:](#)

Primary Impact: Infrastructure, Secondary Impact: Operational Excellence, Tertiary Impact: Not Applicable

[Comprehensive Plan Impacts:](#)

Primary Impact: Environmental Management, Secondary Impact: Inter-Governmental Cooperation, Tertiary Impact: Not Applicable

### Legislative History

Date	Action
11/03/2015	Ord. 22630; Authorizing an Intergovernmental Cooperative Agreement Partial Performance Acknowledgement of Hinkson Creek Physical Habitat Assessment as it relates to the collaborative adaptive management implementation (CAM) process to address the total maximum daily load (TMDL) for Hinkson Creek
08/05/2014	Res. 135-14 Transferring funds for the Collaborative Adaptive Management (CAM) - Hubbart assessment project and for construction of the West Broadway sewer project
04/02/2013	Ord. 21646; Authorizing an intergovernmental cooperation agreement with Boone County and the University of Missouri as it relates to collaborative adaptive management implementation process to address total maximum daily load for Hinkson Creek
04/17/2012	Ord. 21291; Authorizing a collaborative adaptive management implementation schedule and agreement for Hinkson Creek TMDL

### Suggested Council Action

Staff recommends approval of ordinance authorizing the City Manager to execute the intergovernmental agreement with the County of Boone and Curators of the University of Missouri for a Hinkson Creek Collaborative Adaptive Management (CAM) Cost Sharing Study: Aquatic Macroinvertebrate Data Mining Project and transferring funds.