



Department Source: City Utilities - Sewer/Stormwater

To: City Council

From: City Manager & Staff

Council Meeting Date: April 6, 2020

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: Hinkson Creek Synoptic Sampling 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: Hinkson Creek Synoptic Sampling 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 CAM Stakeholders meeting on September 24, 2019, the Stakeholders unanimously supported (County and University members abstained) the MS4 Partners moving forward with the "Hinkson Creek Synoptic Sampling Project". The scope of this study is detailed in Exhibit B of the agreement. To build upon previous efforts, Dr. Argerich and collaborators have designed and implemented a monitoring plan with broad spatial coverage and spanning different hydrologic conditions to capture pollutant hotspots and hot moments at the Hinkson main stem and tributaries. Sample analyses will include nutrients (nitrogen and phosphorous), suspended sediments, chloride and conductivity to inform about erosion processes and road salt application. Once probable causes are determined, management actions can be proposed to address the causes or mitigate their effects on aquatic life. The University of Missouri will provide project administration to retain University of Missouri professor Dr. Argerich to perform the study. 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 \$39,855 with the MS4 Partners each contributing \$13,285. 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 \$13,285.00 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 study's expense.

Fiscal Impact

Short-Term Impact: \$13,285.00

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: Tertiary

Comprehensive Plan Impacts:

Primary Impact: Environmental Management, Secondary Impact: Inter-Governmental Cooperation, Tertiary Impact: Tertiary

Legislative History

Date	Action
01/07/2019	Ord. 23746: Authorizing an intergovernmental cooperative agreement with the County of Boone and The Curators of the University of Missouri for an aquatic macroinvertebrate data mining project as it relates to the Hinkson Creek collaborative adaptive management (CAM) implementation process; appropriating funds.
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



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Suggested Council Action

Staff recommends approval of the 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: Hinkson Creek Synoptic Sampling Project and transferring funds.