



Department Source: City Utilities - Sewer/Stormwater

To: City Council

From: City Manager & Staff

Council Meeting Date: December 4, 2023

Re: Report Hinkson Creek Collaborative Adaptive Management (CAM) Progress Reports 2021 and 2022 from the CAM Stakeholder Committee

## Executive Summary

The Hinkson Creek Collaborative Adaptive Management (CAM) Stakeholders Municipal Separate Storm Sewer System (MS4) permit holders (City of Columbia, County of Boone, and University of Missouri) have prepared the CAM Progress Report 2021 and CAM Progress Report 2022. The purpose of these reports are to present a summary of the activities of the Stakeholder group and the actions taken as part of the CAM process.

## Discussion

In April 2012, the City agreed to the Collaborative Adaptive Management process (CAM) to address the Total Maximum Daily Load (TMDL) for Hinkson Creek. The CAM is a five-party agreement negotiated to settle the Hinkson Creek TMDL and includes the City, Boone County, the University of Missouri (MS4 – municipal separate storm sewer system – partners), the United States Environment Protection Agency (EPA), and the Missouri Department of Natural Resources (MDNR). The CAM agreement allows a wide range of activities to contribute to reaching water quality goals. The goal of the CAM agreement is to find the most effective approach or approaches for improving Hinkson Creek rather than committing to one predetermined approach, which may not be as effective.

The actions during the 2021 year include initial analysis of the LiDAR Project, approval of funding for USGS Comprehensive Sampling, beginning the University of Missouri Watershed Water Quality Assessment, and establishment of the Chloride Task Force.

The actions during the 2022 year include continuation of the University of Missouri Watershed Water Quality Assessment, USGS Comprehensive Sampling, and continuation of the Chloride Task Force and completion of the Hinkson Creek Stream Bank Stabilization project.

The CAM website, <https://www.helpthehinkson.org/>, is updated regularly to provide meeting minutes for each of the committees as well as more information regarding the CAM process.

## Fiscal Impact

Short-Term Impact: None

Long-Term Impact: None

## Strategic & Comprehensive Plan Impact



### Strategic Plan Impacts:

Primary Impact: Organizational Excellence, Secondary Impact: Reliable and Sustainable Infrastructure, Tertiary Impact: Not Applicable

### Comprehensive Plan Impacts:

Primary Impact: Land Use & Growth Management, Secondary Impact: Inter-Governmental Cooperation, Tertiary Impact: Environmental Management

## Legislative History

Date	Action
08/07/2023	B168-23 Authorizing an intergovernmental cooperative agreement with Boone County, Missouri and The Curators of the University of Missouri for a water quality monitoring project as it relates to the Hinkson Creek collaborative adaptive management (CAM) implementation process.
06/06/2022	REP43-22 Hinkson Creek Collaborative Adaptive Management (CAM) Progress Reports 2019 and 2020 from the CAM Stakeholder Committee.
03/07/2022	REP 21-22 Appointment of Stakeholders to the Hinkson Creek Collaborative Adaptive Management Stakeholder Committee.
10/18/2021	B324-21 Authorizing an intergovernmental cooperative agreement with Boone County, Missouri and The Curators of the University of Missouri for a chemical analysis sampling project as it relates to the Hinkson Creek collaborative adaptive management (CAM) implementation process.
09/07/2021	REP 66-21 Appointment of Stakeholders to the Hinkson Creek Collaborative Adaptive Management Stakeholder Committee.
08/17/2020	REP 46-20 Collaborative Adaptive Management (CAM) Progress Report 2017-2018 from the CAM Stakeholder Committee.
05/04/2020	B98-20 Authorizing an intergovernmental cooperative agreement with Boone County, Missouri and The Curators of the University of Missouri for a chemical analysis project as it relates to the Hinkson Creek collaborative adaptive management (CAM) implementation process; amending the GY 2020 Annual Budget by appropriating funds.
04/20/2020	B83-20 Authorizing an intergovernmental cooperative agreement with Boone County, Missouri and the Curators of the University of Missouri for a synoptic sampling project as it relates to the Hinkson Creek collaborative adaptive management (CAM) implementation process; amending the GY 2020 Annual Budget by appropriating funds.
01/07/2019	B322-18 Authorizing an intergovernmental cooperative agreement with the County of Boone and the Curators of the



# City of Columbia

701 East Broadway, Columbia, Missouri 65201

12/18/2017	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.
11/06/2017	R182-17 Appointing the City Manager, of the City Manager's designee, as an alternate voting member of the Hinkson Creek Collaborative Adaptive Management Stakeholder Committee.
08/21/2017	B316-17 Authorizing construction of the El Chaparral riparian restoration project of a City-owner tract located along the Division to call for bids or contract for a portion of the work.
07/17/2017	PH28-17 Proposed construction of the El Chaparral riparian restoration project on a City-owned tract located along the south fork of the Grindstone Creek.
11/03/2015	R91-17 Setting a public hearing: proposed construction of the El Chaparral riparian restoration project on a City-owned tract located along the south fork of the Grindstone Creek.
08/05/2014	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.
04/02/2013	Res 134-14 Transferring funds for the Collaborative Adaptive Management (CAM) - Hubbard assessment project and for the construction of the West Broadway sewer project
11/05/2012	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	Res 205-12 Temporary Appointment to Action Team. Ord 21291 Authorizing a collaborative adaptive management implementation schedule and agreement for Hinkson Creek TMDL

## Suggested Council Action

Report is for information only. See attached CAM Progress Report 2021 and CAM Progress Report 2022 for detailed information.