



**DUPAGE  
COUNTY**

Watershed  
Management

Water  
Quality

Floodplain  
Mapping

Regulatory  
Services

Flood Operations  
& Maintenance

Shared  
Services



# STORMWATER MANAGEMENT

## MEMORANDUM

TO: Stormwater Management Planning Committee

FROM: Christopher C. Vonnahme, Deputy Director

SUBJECT: Amendment to Joint Funding Agreement with the USGS

DATE: July 28, 2025

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The United States Geological Survey (USGS) is proposing an amendment to our current Joint Funding Agreement (JFA) for the advancement of our Stormwater Management Program. Our current JFA spans December 1, 2024, through November 30, 2025. The total cost of the JFA is \$562,000, with DuPage County contributing \$393,400 (70%) and the USGS contributing \$168,600 (30%). The services covered by this JFA include the following: 1) Operation and maintenance of an existing cooperative gage network that consists of ten stream gages, three continuous stage gages, thirty-one precipitation gages, and one webcam. 2) Refinement of hydrologic and hydraulic models for running a flood forecasting simulation system. 3) Enhancement of processes for real-time data acquisition for input into our hydrologic and hydraulic models and to verify model results. 4) Support for FEQ and FEQUTL, and support for HSPF recalibration processes. 5) Development and maintenance of web pages for custom data display.

The USGS Central Midwest Water Science Center (CMWSC) has identified additional cooperator matching funds in the amount of \$116,981 to provide additional deliverables that will benefit the Stormwater Management Department. These deliverables will include a Fact Sheet as an overview of the project and an Open File Report documenting the Watershed Data Management database for the East Branch DuPage River. In addition, new USGS staff will be trained on the flood simulation system and alternative methods for acquiring and processing radar data from the National Weather Service will be examined. Web sites updated and maintained by the CMWSC associated with the DuPage County program will be moved from a CMWSC web server to a national USGS web server.

These additional deliverables and services would extend the current JFA through September 30, 2026, and would not require any additional funding from DuPage County. The total cost of the JFA would increase by \$116,981 to \$678,981 with

DuPage County's portion remaining at \$393,400 (58%) and the USGS providing \$285,581 (42%).

Staff is requesting Stormwater Management Planning Committee approval of the proposed amendment to our existing JFA with the USGS to increase the CMWSC contribution by \$116,981 and to extend the end date of the JFA to September 30, 2026.