



**DUPAGE
COUNTY**

Watershed
Management

Water
Quality

Floodplain
Mapping

Regulatory
Services

Flood Operations
& Maintenance

Shared
Services



STORMWATER MANAGEMENT

MEMORANDUM

TO: Stormwater Management Planning Committee

FROM: Sarah Hunn, P.E., Director- DuPage County Stormwater Management

SUBJECT: Stormwater Program Update April 2025

DATE: April 1, 2025

Watershed Planning

Prentiss Creek Watershed Plan:

Data collection and outreach with watershed communities and stakeholders has continued through the winter. County staff is researching the accuracy of existing economic data for the watershed, and discussions between staff and our consultant have taken place this month regarding some of the existing watershed conditions. The public flooding questionnaire was posted on-line, and letters were sent directly to property owners along the stream corridor. The on-line survey remained open until March 23 for residents and business owners to complete. The results of the questionnaires are being tabulated by staff, and results will be shared with our consultant. The first stakeholder meeting is expected to take place later in the spring. The Prentiss Creek Watershed includes portions of Downers Grove, Woodridge, Darien, Lisle, and Unincorporated DuPage County.

Facilities/Operations/Shared Services Projects

Shared Services/Drainage Projects:

Permits have been received for a small-scale drainage project Downers Grove Township. Staff will begin working on procuring materials and establishing a construction schedule in the upcoming weeks. Final design and permit submittal for another project in Bloomingdale Township is still underway, and a new location in unincorporated West Chicago (Winfield Township) is being investigated for a possible drainage rehabilitation project.

Facilities/Operations:

Staff continues to monitor rainfall forecasts, stream elevations and rainfall gages throughout the County and are prepared to operate our flood control facilities as needed.

Staff is working with two contractors awarded bids for installation of a permanent generator at the Armstrong Park Flood Control Facility. Shop drawing reviews are still underway and work is expected to be completed this year.

The Elmhurst Quarry Flood Control Facility is the county's largest and oldest facility. Staff continues to work on evaluation of two separate sink holes that were recently identified in the West Lobe. Additionally, staff is working with the contractor awarded in 2024 to implement necessary upgrades to the motor control center and pumps at the West Lobe. That contractor, Independent Mechanical Industries, mobilized to the site in the middle of March to remove and replace four existing check valves, which is part of the work initially planned for the project.

Water Quality

Design and permitting of the Winfield Creek/Campus Stream Stabilization Project is complete. This project is funded by the IL EPA. A bid for construction is expected to be awarded this spring.

Work continues on the IL EPA funded Watershed-Based Plan for the north half of the West Branch DuPage River, which includes working with a consultant on an HSPF water quality model. The plan is scheduled to be completed by the end of 2025.

Water Quality Improvement Grant recommendations were approved by the Stormwater Committee in March. A total of \$275,960 was awarded to 8 projects in Downers Grove, Itasca, Carol Stream, Westmont, Aurora, and Lisle.

Regulatory

Staff, in collaboration with municipal representatives and our consultant, is actively progressing the Stormwater Ordinance Guidance Document update, aiming for finalization by late 2026. Additionally, staff is developing a draft to refine the post-construction best management practices (PCBMPs) sections of the Stormwater Ordinance. This revision will ensure continued alignment with federal and state permit mandates and streamline threshold tracking for all communities. We intend to present the PCBMP draft to municipal representatives this fall, followed by a broader review with countywide stakeholders throughout the winter. Simultaneously, we are experiencing an increased volume of pre-application meetings, stormwater permit application reviews, and processing, consistent with the start of the construction season.

ARPA Projects

Two construction contracts for the St. Joseph Creek Condominiums flood gate and flood wall projects were awarded to Copenhaver Construction, as the low bid contractor for both contracts. A few trees were removed in March, which were necessary for construction. The contractor is expected to be on site in April to begin demolition in anticipation of flood gate installation in May.