



**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 November 2025

DATE: November 4, 2025

Watershed Planning

Prentiss Creek Watershed Plan:

The existing conditions hydraulic model of the Prentiss Creek Watershed is being updated and results computed for the entire historical series of rainfall events. Our consultant revised some of the interior catchment areas of the watershed, and staff has received the new catchment shapefile from the consultant. Staff has completed the re-run of the land cover for the FEQ model based on the new catchment areas and sent over to our consultant for their use. The first watershed plan stakeholder meeting was conducted on September 25, 2025, and no further problem areas were identified at the meeting. The existing conditions model should be finalized before the end of the year. The FEQ model updates for the proposed projects and alternatives will start after the existing conditions are finalized. 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:

The 90th and Kaye Lane drainage project kicked off with lining of a deteriorating metal pipe within the project footprint. Staff is preparing for the remaining work associated with this property by purchasing the remaining materials to install storm sewer in the Kaye Lane right of way. This project is still expected to be completed this fall. This project is fully funded by a grant obtained from the Department of Commerce and Economic Opportunity (DCEO).

Facilities/Operations:

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

At the Elmhurst Quarry, work on the existing catwalk in the West Lobe is ongoing, with final completion expected in the upcoming weeks. When complete, deteriorated steel will be replaced and the entire catwalk will be repainted to preserve its integrity.

At the Armstrong Park Flood Control Facility, a new generator was delivered and installed. Staff is working with both contractors to complete installation, programming, testing, and training on this new equipment.

Water Quality

The Water Quality Improvement Program Grant application period runs through January 2nd. Eligible projects include stream restoration, detention basin retrofit, shoreline stabilization, native plantings, and green building technologies that reduce or filter stormwater runoff. Both public and private organizations are eligible to apply for financial assistance.

Regulatory

The demand for stormwater regulatory services remains exceptionally high. Staff are currently managing a significant volume of core activities, including permit reviews, pre-application meetings, wetland boundary verifications, and consultations with applicants and their consultants. To address the increased demand for pre-application meetings, we've added pre-application meeting slots available each week. Beyond the day-to-day review workload, staff are also making steady progress on the Stormwater Ordinance Guidance Document.

ARPA Projects

The St. Joseph Creek Condominiums flood gate and flood wall projects are nearing completion. All five flood gates have been installed. Installation of all storm sewer, pavement, and concrete work has been completed. Installation of trees and shrubs has been also been completed, with final landscaping under way. Final completion is expected to be met this fall, with permit signoff before the end of next year.

IEPA Section 319 Grant Project

The Winfield Creek/Campus Streambank Stabilization Project broke ground mid-July. The contractor, Semper Fi Landscaping, Inc., has substantially completed the project. This includes placement of stone along the stream banks for stabilization, stabilized outfalls to prevent future erosion, new riffles constructed in the stream to provide better habitat and water quality, and native seed, trees, and shrubs installed within the project footprint. This project was made possible by an Illinois EPA Section 319 Grant that will reimburse the department for 60% of qualifying expenses.