



**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 June 2025

DATE: June 3, 2025

Watershed Planning

Prentiss Creek Watershed Plan:

Data collection and outreach with Prentiss Creek communities and stakeholders has continued through the spring. County staff is analyzing the 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 results of the public flood questionnaires submitted in March are being tabulated by staff, and results will be shared with our consultant. In addition, the existing conditions FEQ model is being updated and results computed for the entire historical series of rainfall events. Additional survey data request is being tabulated for the hydraulic model, as well as an economic model. The data request will be forwarded to the County on-call surveyor for them to complete. The first stakeholder meeting is expected to take place this summer. 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 were received for a project in Downers Grove Township, this is grant funded through DCEO; staff is now working towards purchasing materials to begin construction.

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.

At the Elmhurst Quarry, Independent Mechanical Industries remobilized on May 20 to begin painting the pipes on the west lobe and in the vault, along with installing three new stormwater pumps. Once those items are completed, demolition of the motor control center on the top of the west lobe platform will begin.

Water Quality

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.

The NPDES annual report will be submitted to the IEPA on behalf of DuPage County and 41 co-permittee municipalities and townships by the June 1 deadline.

Regulatory

The current volume of stormwater regulatory work remains substantial. In response to this high demand, we have increased the availability of pre-application and stormwater review meeting slots to effectively manage scheduling and mitigate potential delays. We are also continuing to make progress on the updated Stormwater Ordinance Guidance Document.

ARPA Projects

Copenhaver Construction remobilized on site at the St. Joseph Creek Condominiums flood gate and flood wall projects on May 6, 2025. The contractor is currently working on installation of the first of five flood gates that will be installed within the condominium complex. The new gates were delivered mid-May and will be installed over the next several months. The contractor is working on installing one gate at a time to minimize impact to the residents.

The Luther Avenue Drainage Improvement Project was substantially completed by Martam Construction in November 2024. The contractor recently returned to the site to address punch list items and perform final grading on Forest Preserve Property where the new storm sewer outlets. Final plantings were installed in mid-May, which commenced the vegetation management period for the project. This phase is expected to last approximately three years if all performance standards are met.

IEPA Section 319 Grant Project

As an initiative of the Water Quality program, stormwater management staff applied for and received a Section 319 Water Quality Grant from the Illinois Environmental Protection Agency (IEPA). The Winfield Creek/Campus Stream Stabilization Project has been designed, permitted, and bid. The bid opening took place in April, with the lowest responsible bidder identified as Semper Fi Landscaping, Ltd. A notice to proceed is expected to be issued shortly after the bid award at the May Stormwater Committee and County Board meetings. When complete, portions of Winfield Creek that traverses through campus will have rock line streambanks, water quality improvements including native plantings, and stabilized outfalls from nearby storm sewer that discharges into the creek.