



**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 August 2025

DATE: August 5, 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. Additional survey data was requested by our consultant for five different areas within the watershed. The survey information in three of those areas is being obtained by county staff, the information needed for the other two areas is being obtained by the County on-call surveyor. The first stakeholder meeting is expected to take place later 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:

Staff is currently working on a permit application for repair of an existing storm sewer in Milton Township. Permits were also received for an upcoming culvert removal project in Bloomingdale Township. Both projects are expected to begin soon. The DCEO funded drainage project in Downers Grove Township near the intersection of 90th Street and Kaye Lane is also expected to begin soon. Staff is working on obtaining quotes to line an existing metal storm sewer, which is part of the upcoming project.

Facilities/Operations:

Due to heavy rainfall that occurred on Thursday, July 10th and Friday, July 11th, the Armstrong Park and Spring Creek Reservoirs operated to help alleviate overbank flooding in the northern portion of the County. 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 continues progress on pump station upgrades in the West Lobe. Existing pumps have been pulled and the motor control center that controls the system is in the demolition phase.

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 new NPDES General Permit No. ILR40 was reissued by the IL EPA on July 8, 2025 with an effective date of August 1, 2025. The reissued permit includes several new requirements involving facility inspections, education and outreach, public participation, illicit discharge detection and elimination, construction site erosion and runoff control, as well as additional tracking, recordkeeping, and reporting provisions. Staff will be working closely with our municipal and township co-permittees on reviewing the new requirements and working to update our program to comply with the permit within 12 months as required by IL EPA. The reissued permit runs through July 31, 2030.

Regulatory

We're still seeing a substantial volume of stormwater regulatory work. To meet this high demand, we've continued to offer more pre-application and stormwater review meeting slots. This helps us manage scheduling efficiently and prevent delays. We're also making progress on the Stormwater Ordinance Guidance Document, which we'll discuss with the upcoming Municipal Engineers Discussion Group.

ARPA Projects

The St. Joseph Creek Condominiums flood gate and flood wall projects are well under way. Two of the five gates have been fully installed, with the third in progress. The contractor is still working on installing one gate at a time to minimize impact to the residents. Construction is expected to last through early Fall.

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 was awarded to the low bid contractor, Semper Fi Landscaping, Ltd, who broke ground mid-July. 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.