



**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 February 2025

DATE: February 4, 2025

### ***Watershed Planning***

#### ***Prentiss Creek Watershed Plan:***

A kick-off meeting was held with staff from Engineering Resource Associates (ERA) at the beginning of December. Further data collection and outreach with communities has started, and county staff is researching the accuracy of existing economic data for the watershed. The first stakeholder meeting is expected in the early part of 2025. Discussion between staff and our consultant will be taking place this month to finalize the on-line flooding questionnaires. The questionnaire will be posted on-line for residents and businesses to complete. This watershed includes portions of Downers Grove, Woodridge, and Unincorporated DuPage County.

### ***Facilities/Operations/ Shared Services Projects***

#### ***Shared Services/Drainage Projects:***

Various small-scale projects are in the design and permitting phase over the winter months. Once permits are received and the weather turns favorable, projects in Bloomingdale Township and Downers Grove Township are expected to begin.

#### ***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 the bids for installation of a permanent generator at the Armstrong Park flood control facility. The generator was bid as a standalone item, and shop drawings for the proposed equipment are still under review. Shop drawing reviews are in progress and staff expects to receive a schedule for construction soon.

The Elmhurst Quarry Flood Control Facility is the county's largest and oldest facility. To date, all six pumps have been replaced and one motor control center has been updated. Additionally, new piping in the east lobe has been installed. The remainder of the facility periodically undergoes regular maintenance. During recent routine inspections, two sink holes have been identified in two separate areas in the west lobe. At this time, staff is working with various consultants and speaking with contractors to further inspect and evaluate the cause of these sinkholes.

At this time, there is no known immediate threat to the facility or its surroundings, and staff continues to work on a solution for safe inspection of these areas so any necessary repairs can be made.

### ***Water Quality***

Staff continue working with our consultant on the design of the Winfield Creek/Campus Stream Stabilization Project. This project is funded by the IL EPA. Construction is anticipated to begin in 2025.

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.

Stormwater received 10 submittals for the 2025 Water Quality Improvement Grant program. The projects are under evaluation based on the posted scoring matrix. Staff is on schedule to bring the proposed projects forward to Committee in March for approval to move forward with the formal agreements.

### ***Regulatory***

The regulatory program has transitioned from the planning phase of the Stormwater Ordinance Guidance Document update to the initial stages of collaboration with County staff, municipal representatives, and our consultant to define the scope of the guidance document. Over the coming months, efforts will focus on drafting the guidance and engaging stakeholders for feedback. Progress updates will be shared with the Committee regularly, with the ultimate objective of finalizing the Guidance Document by late 2026. Following its completion, training sessions will be conducted to ensure continued proper implementation and understanding of the Stormwater Ordinance and updated guidance.

### ***ARPA Projects***

Two construction contracts for the St. Joseph Creek Condominiums flood gate and flood wall projects were awarded to Copenhagen Construction, as the low bid contractor for both contracts. Located within the Village of Lisle, these projects will provide flood protection to three condominium buildings through a series of flood walls, flood gates, and associated pump stations and storm sewers. Shop drawings for the flood gates have been approved. A construction schedule for anticipated work in the upcoming months is expected to be received soon.

Three projects met substantial completion by the end of 2024 – Luther-High Ridge Stormwater Project, Main Street Storage Basin, and Country Club Highlands Phase II. Two of the projects will remain active until all restoration has been installed and regulatory signoff has been received. The other project (Country Club Highlands Ph II) is expected to be signed off on in the upcoming months.