



**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 2024

DATE: May 7, 2024

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

#### Shared Services/Drainage Projects:

Under the drainage program, staff continues to prepare for startup on two projects. Once a permit is received for each, the Department's in house crew will break ground in unincorporated Downers Grove and unincorporated Wheaton on a drainage and stabilization project, respectively.

The Stormwater Maintenance Crew completed collaborative project with the Elmhurst Park District to remove invasive trees adjacent to the Elmhurst Quarry.

#### Facilities/Operations:

The stormwater flood control facilities continue to be maintained on a regular basis.

A stabilization project on the west lobe near Salt Creek Park has begun; this work will prevent erosion on the west lobe. Staff is also working with the awarded contractor Independent Mechanical Industries (IMI) that was the low bid contractor for upgrade to the pumps and motor control center for the west lobe.

Looking ahead, the National Weather Service has forecasted rain for the first couple weeks of May. 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.



### ***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 and is anticipated to be constructed in 2024.

Work has commenced on the IL EPA funded Watershed-Based Plan for the north half of the West Branch DuPage River. Work is scheduled to be completed by the end of 2025.

Staff conduct inspections of stormwater outfalls throughout the County to detect illicit discharges. The current schedule includes outfall inspections in one major watershed per year. In 2024, Stormwater Management staff will conduct outfall monitoring of the West Branch DuPage River Watershed. These inspections consist of a visual screening of storm sewer outfalls followed by chemical field testing as necessary. In the event of a suspected illicit discharge, staff will contact the municipality to cooperate on tracing and enforcement.

### ***Regulatory***

The Regulatory Group is efficiently managing a substantial workload, ensuring consistent compliance across all aspects, upholding regulatory standards and the core principles of the DuPage County Countywide Stormwater and Floodplain Ordinance.

### ***ARPA Projects***

Design of the St. Joseph Creek Condominiums flood gate and flood wall project (FEMA and ARPA funded) is ongoing. The project is located within the Village of Lisle. A floodway permit from IDNR/OWR has been issued for the building at 4721 St. Joseph Creek and additional permit applications to various regulatory agencies are underway. County staff, the Assistant State's Attorney, and the attorney for the Condominium Association have recently finalized changes to the agreement for the project. The agreement was approved at the HOA Board Meeting on April 18, 2024. Design and permitting for the project is expected to be completed in the next several months, with a bid opening planned for late summer.

Design of the Luther/High Ridge Stormwater project located in unincorporated DuPage County within York Township has been completed. This project is currently under review by regulatory agencies including DuPage County Stormwater Management and IDOT. An agreement with the Forest Preserve District is also being developed for the tree removals and required easements within the High Ridge Forest Preserve. The project is expected to be bid in late Summer 2024, with construction starting shortly thereafter. Once complete, the project will reduce flooding along Luther Avenue south of Roosevelt Road in unincorporated DuPage County.

The Main Street Storage Basin project in Lisle is nearing completion. Storm sewer installation is complete and construction of the spillway is underway. Remaining work includes concrete work, construction of an asphalt path, and final restoration.

Additional ARPA projects being overseen by in-house staff are underway. This includes the Tamarack Drive drainage project in unincorporated Glen Ellyn, which is nearing completion. Commencement of construction began in March, with additional improvements scheduled to begin soon, weather depending. Country Club Highlands Phase II also began on March 15, 2024, in unincorporated Elmhurst and is expected to be complete in the Summer of 2024. Work completed to date includes sanitary and watermain work.