



**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 2024

DATE: June 4, 2024

### ***Watershed Planning***

#### ***Lacey Creek Watershed Plan;***

The county consultant working on this plan has completed an analysis of 10 different projects and alternatives to address flooding concerns within the watershed. A specific project at Highland Avenue has been discussed with DuDOT staff, and a preliminary draft plan has been received from the consultant. There was a stakeholder meeting held on May 30<sup>th</sup> with the local community and agencies within the watershed.

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

#### ***Shared Services/Drainage Projects;***

Under the drainage program, staff continues to work through the permitting process for one upcoming project in unincorporated Wheaton, once the permit is received the department will begin work on a stabilization project. The department has recently received a permit to begin work on a drainage project in unincorporated Downers Grove, we anticipate this will be completed by mid-June.

The Stormwater Maintenance Crew completed flood gate cleaning in Hinsdale/Graue Mill under the Shared Services Program.

#### ***Facilities/Operations;***

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

A stabilization project on the west lobe near Salt Creek Park was recently completed; this work will prevent erosion on the west lobe. Staff also continues to work 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.



### ***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 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 Regulatory Group is currently experiencing a particularly heavy pre-application load compared to previous years, reflecting an exceptionally busy period for our team. Staff continues to diligently work through permit submittals, ensuring all reviews remain on track.

### ***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 and will provide flood protection to three condominium buildings. Permit applications have been submitted to various regulatory agencies. A licensed architect is working on addressing comments from the Village of Lisle regarding ingress/egress impacts that would result from the construction of the project. An agreement for the project has been approved by the HOA Board and will be placed on a future Stormwater Committee agenda along with the bid award for the project. Design and permitting for the project are 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. The project is out for bid and expected to be awarded at the July Stormwater Committee and County Board meetings. An easement agreement with the Forest Preserve District will be implemented to allow for construction to take place within the High Ridge Forest Preserve. 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 and concrete work is complete. Remaining work includes 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.