



**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 July 2024

DATE: July 2, 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. Initial comments on the draft plan have been provided to the consultant. A revised draft plan will be reviewed by staff in early July.

Facilities/Operations/ Shared Services Projects

Shared Services/Drainage Projects:

Under the drainage program, staff completed a drainage project in unincorporated Downers Grove, including final restoration. The department's in-house crew is also working on additional improvements in unincorporated Glen Ellyn to compliment a project recently completed by the on-call contractor.

The Stormwater Maintenance Crew continues to work on stream blockages as they are reported, along with property maintenance of more than 100 properties managed by the department countywide, including debris cleanup as a result of the June 22nd storms.

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.

Staff is working with two design firms on upgrades to the Armstrong Park Flood Control facility, where an emergency generator will be installed. The generator was bid as a standalone item, while the civil engineering plans and permitting associated with the installation is underway.

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.

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. 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. Staff is awaiting final permits for the project from various regulatory agencies and preparing final documents for bid. The project is expected to be awarded in August.

Design of the Luther/High Ridge Stormwater project located in unincorporated DuPage County within York Township has been completed. A contract to the lowest, responsible bidder (Martam Construction, Inc. is 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 and address several ponding areas north of Roosevelt Road in unincorporated Lombard.

The Main Street Storage Basin project in Lisle has met substantial completion. Remaining restoration work will include installation of native seed and more than 150 native trees and shrubs.

Additional ARPA projects being overseen by in-house staff are still making progress. The Tamarack Drive drainage project in unincorporated Glen Ellyn has met substantial completion. 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 in addition to installation of a stormwater storage vault. Work remaining includes additional storm sewer installation and final paving and restoration.