



**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: April 2, 2024

Watershed Planning

Lacey Creek:

Lacey Creek is located entirely within County Board District 2 and the majority of the watershed is within the Village of Downers Grove. The county consultant working on this plan has started to use the updated hydraulic model to analyze specific projects to address flooding concerns within the watershed. We anticipate the next Lacey Creek Stakeholder meeting to be scheduled in late April where several proposed projects will be discussed.

Facilities/Operations/ Shared Services Projects

Shared Services/Drainage Projects:

Under the drainage program, staff has completed a small drainage project in unincorporated Medinah. The project was implemented to address drainage concerns stemming from a failed aging pipe. Tree removals have continued through the end of March to avoid impacting the endangered Northern Long Eared Bat; this has prepared the department to break ground on other various drainage projects expected to take place throughout the construction season. Additional projects are also still under the permit application and review process, including a project in unincorporated Downers Grove and unincorporated Wheaton.

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. With recent rain in early March, the Armstrong Park Reservoir operated minimally, and the Spring Creek Reservoir took in floodwater from the March 8-9 rain event.



Water Quality

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 2023, Stormwater Management staff will conduct outfall monitoring of the East 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 and the Condominium Homeowners Association are preparing an agreement to define the design, construction, and maintenance responsibilities for the project. A site meeting was also recently attended by staff and HOA members to finalize the details of the flood gate design.

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 continues to make forward progress. Storm sewer installation is nearly complete, and staff are working with the contractor as they prepare for concrete work that will create a spillway to allow water from the creek to enter the basin. The project is expected to be substantially complete in the Spring.

Additional ARPA projects being overseen by in-house staff include the Tamarack Drive drainage project in unincorporated Glen Ellyn and Bluff Road drainage improvements in unincorporated Lemont; tree clearing has been completed for both projects. Country Club Highlands Phase II began on March 15, 2024, in unincorporated Elmhurst and is expected to be complete in the Summer of 2024.