



**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 October 2023

DATE: November 7, 2023

Watershed Planning

Lacey Creek:

Supplemental survey information has been forwarded to our consultant to update the existing conditions hydraulic model. The updated hydraulic model will be used to identify existing flooding areas and to investigate solutions for those problem areas. Staff has been updating the existing condition economic model with additional residential structure survey information. The economic model will be used to calculate flood damages for the existing and proposed watershed conditions. Staff and our consultant are preparing for the first stakeholder meeting which is scheduled virtually over ZOOM for 2pm on November 16th. Lacey Creek is located entirely within County Board District 2 and the majority of the Lacey Creek Watershed is within Downers Grove with smaller portions extending into Lombard, Oak Brook and Unincorporated DuPage. (<https://us02web.zoom.us/j/81545420202?pwd=TmNPVm1DZ2EwMUdScmN3U2pnYWJaUT09>)

Facilities/Operations/ Shared Services Projects

Shared Services/Drainage Projects:

Under the drainage program, staff continues to work on various drainage projects. Most of the projects are under permit review and expected to break ground in the upcoming months, to work under frozen ground conditions and perform tree removals under the necessary schedule to avoid impacting the endangered Northern Illinois Long Eared Bat.

Staff also continues to work in conjunction with several townships to help solve drainage concerns countywide. Under Shared Services, staff is still assisting the Village of Burr Ridge with catchment maps for tributaries located within the Village's jurisdiction.

Facilities/Operations:

The stormwater flood control facilities continue to be maintained on a regular basis. No large facilities have been triggered by recent rain events.

Water Quality

DuPage County inspects storm sewer outfalls for illicit discharges on behalf of municipalities and townships for compliance with the IEPA Permit# ILR40. For 2023, inspections are targeted in East Branch Watershed. To date, 83% of scheduled inspections have been completed.

Staff have been 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 start construction in early 2024.



Regulatory

The Regulatory Group continues to experience a very high level of activity and continued productivity, primarily focused on conducting thorough permit reviews and ensuring adherence to Stormwater Ordinance compliance.

ARPA Update

Municipal & Township Match Funding:

Stormwater staff continues to receive and process reimbursement requests for ARPA projects completed by townships and municipalities. Staff has ongoing communication with each community with respect to status updates and reimbursement requests. All work for each project through November 30, 2023 will be received and processed in accordance with the County's fiscal year closeout process.

County Stormwater ARPA Projects:

The bid opening for the Main Street Storage Basin in Lisle (ARPA funded) was held on October 3rd. The project is expected to be awarded to the low bid contractor in November, with construction starting shortly thereafter. Staff has also worked with the Village of Lisle on an IGA for the project, also expected to be approved in November.

Design of the St. Joseph Creek Condominiums flood gate and flood wall project (FEMA & ARPA funded) is ongoing and under staff review. Staff continue to work with the Village of Lisle and the Condominium Homeowners Association (HOA) to complete the design of a shovel ready project. The consultant for the project has submitted an application for the IDNR/OWR Floodway Construction Permit and is currently preparing plans and report for the stormwater certification through the Village of Lisle. Staff is also working on a draft agreement between DuPage County and the HOA for the project.

A pre-application meeting for the Luther/High Ridge stormwater project was held on October 12th. Key staff and stakeholders were in attendance including the DuPage County Forest Preserve and the York Township Highway Department. This project will reduce overtopping on a York Township Road and was included in the Sugar Creek Watershed Plan. Our consultant is currently completing a tree survey for the project, as well as creating initial documents for required easements on Forest Preserve property.

Construction of another round of ARPA projects is expected to begin soon, starting with the Main Street Storage project in Lisle and a drainage project on Tamarack Drive in unincorporated Glen Ellyn. In late winter/ early Spring, Country Club Highlands Phase II in unincorporated Elmhurst is expected to break ground.