



**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: October 3, 2023

### ***Watershed Planning***

Lacey Creek: Stormwater Management's on-call surveying consultant has completed surveying cross-sectional, hydraulic structure, and residential structure information within the Lacey Creek watershed. This supplemental survey information has been provided to our consultant to update the existing conditions FEQ model during the month of September. A status meeting with our consultant is scheduled for late September to discuss problem areas and outline next steps for the watershed plan. The updated hydraulic model will be used to inspect existing flooding areas and begin to investigate solutions for the problem areas.

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

#### ***Shared Services/Drainage Projects:***

Under the drainage program, staff continues to work on evaluation of a preferred alternative for a drainage problem in unincorporated Medinah and with residents in unincorporated Downers Grove with ongoing evaluation and design.

Staff also continue to work in conjunction with several townships to help solve drainage concerns countywide. Under Shared Services, staff are 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, 68% 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 high level of activity and 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 from townships and municipalities.

### ***County Stormwater ARPA Projects:***

Plans and specifications for the Main Street Storage Basin in Lisle (ARPA funded) were completed in September. The project is currently out to bid with a bid opening scheduled for October 3. The IDNR/OWR Floodway Construction permit, as well as the Village of Lisle have been received. Our consultant is currently addressing comments from the Army Corps of Engineers. The bid award for this project is expected to be presented at the November Stormwater Committee meeting. Staff has also presented a final version of the IGA for the project to the Village of Lisle. Construction of this project is anticipated to begin in late fall 2023.

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 during the month of September. Prior to construction, an agreement between the County and the HOA will need to be in place.

The Luther/High Ridge stormwater project has been moving forward, this is a project that reduces overtopping on a York Township Road and was included in the Sugar Creek Watershed Plan. County staff met with DuPage County Forest Preserve staff to discuss details of the storm sewer alignment into the High Ridge Forest Preserve. Staff from the forest preserve have provided preliminary comments on the current design to the County and our consultant. A pre-application meeting to discuss permitting requirements for this project is scheduled for October 12.

Construction of the Department's first ARPA project, the Country Club Highlands Drainage Improvement Project, is 100% complete. Other projects have met substantial completion including the Lufkin Pond project in Villa Park and the Woodland Oaks Drainage Improvement project in unincorporated Wheaton.