



**DUPAGE
COUNTY**

Watershed
Management

Water
Quality

Floodplain
Mapping

Regulatory
Services

Flood Operations
& Maintenance

Shared
Services

STORMWATER MANAGEMENT

MEMORANDUM

Date: February 15, 2023

To: Stormwater Management Planning Committee

From: Sarah Hunn, P.E., Director –DuPage County Stormwater Management

Re: Stormwater Program Update 2023

Watershed Planning

Lacey Creek: The County's consultant is performing field visits to inspect hydraulic structures and open channel sections throughout the watershed to develop a list of supplemental surveying needs. Stormwater Management will utilize an on-call surveying contract to obtain the cross-sectional and hydraulic structure information to update the existing conditions hydraulic model.

Facilities/Operations/ Shared Services Projects

Shared Services/Drainage Projects: Staff continue to design and permit projects in-house; the majority of these projects are small drainage projects that can be constructed by the department's maintenance crew.

Construction on a project in Unincorporated Wheaton (Woodland Oaks) will begin soon and will be completed by the on-call contractor.

Water Quality

Staff created a virtual public meeting space in accordance with DuPage County's NPDES Permit No. ILR40 from the Illinois Environmental Protection Agency which allows us to discharge stormwater into waterways. The virtual public meeting space includes a recorded presentation and public comment portal which is open from February 8th through February 22nd.

Regulatory

In partnership with the Forest Preserve District of DuPage County, DuPage County Stormwater Management created and restored wetlands and prairie at Danada Forest Preserve. This project has restored 21 acres of wetlands and was funded by developers that have received a DuPage County stormwater permit to impact wetlands. The project has successfully completed its five-year management and monitoring period and has been turned over to the Forest Preserve District for long-term management of the project within their larger Danada Forest Preserve complex.



ARPA Update

Municipal & Township Match Funding: Staff has received and processed a total of eight (8) reimbursement requests from the municipalities that performed construction work on ARPA projects in fiscal year 2022 totaling approximately \$1.7 million.

Staff is continuing to coordinate with municipalities and township road districts for their ARPA projects that are receiving grant funds from the Department.

County Stormwater ARPA Projects:

Stormwater consultants continue to provide design engineering services on the Lufkin Pond Basin in Villa Park and the Main Street Basin in Lisle. Staff is performing a benefits analysis for the Lufkin Pond improvements using FEMA's benefits calculator to evaluate the additional 7.5 acre-feet of flood water storage being provided.

The Smith and Cambridge Drainage Improvement Project in unincorporated West Chicago is underway. Martam Construction began work in January and continues to make progress on the second ARPA project under the department's supervision. The low bid contractor, Martam Construction, Inc., began work the week of January 23, 2023. Another ARPA project, Country Club Highlands Phase II, is still under regulatory review. When constructed, this project will provide additional flood protection to unincorporated Elmhurst, connecting to existing infrastructure under existing roads that ultimately discharges into Addison Creek.

The Department's On-Call Construction contract has been awarded, and staff is working with the low bid contractor, Earthwerks Land Improvement and Development Corporation Inc., to break ground on the first two projects that will be addressed under this contract. This bid will utilize ARPA funds to complete smaller-scale Stormwater-initiated projects such as streambank stabilization and local drainage projects to address water quality and localized/urban flooding countywide.

Additional ARPA related projects throughout the County are also in the design and permitting stage.