



**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 August 2023

DATE: August 8, 2023

Watershed Planning

Lacey Creek:

Staff has developed a list of supplemental survey work to assist with evaluation of the watershed plan. This work is expected to be complete in August by the department's on call surveying consultant. Once completed, this information will supplement our hydraulic model.

Facilities/Operations/ Shared Services Projects

Shared Services/Drainage Projects:

As part of the department's Shared Services program, the in-house maintenance crew evaluated existing storm sewer for the Downers Grove Highway Department and Addison Township Highway Department. Staff is currently working on evaluation of a preferred alternative for a drainage problem in unincorporated Bloomingdale and continues to work with residents in unincorporated Downers Grove with ongoing evaluation and design.

Facilities/Operations:

The stormwater flood control facilities continue to be maintained on a regular basis. Armstrong Park Reservoir has operated during some recent storm events. No other large facilities have been triggered with the recent rain.

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, 34% of scheduled inspections have been completed.

Staff has 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.



ARPA Update

Municipal & Township Match Funding:

Stormwater staff continues to receive and process reimbursements from townships and municipalities. The City of Naperville has completed one of the three ARPA projects awarded to them, and Bloomingdale Township Highway Department also completed one of two awarded projects.

County Stormwater ARPA Projects:

Lufkin Pond (Villa Park) plans were finalized, and all permits were received. The Department's on-call contractor began work on this project and should be substantially complete by mid-August.

Plans and specifications for the Main Street Storage Basin in Lisle (ARPA funded) are under staff and regulatory review. Construction of this project is still anticipated to begin in late fall 2023.

Design of the St. Joseph Creek Condominiums flood wall project (FEMA & ARPA funded) is ongoing and under staff review. Staff continues to work with the Village of Lisle and the Condominium Homeowners Association (HOA) to complete design of a shovel ready project. Prior to construction, an agreement will need to be in place with the HOA.

The Smith and Cambridge Drainage Improvement Project in unincorporated West Chicago will be on hold until the winter months when remaining work on forest preserve property can take place on frozen ground.

The Country Club Highlands Phase II Project (ARPA funded) in unincorporated Elmhurst has been awarded to the low bid contractor. Staff is working with the Procurement Division and the contractor on all necessary paperwork to issue a notice to proceed. Large anticipated lead times on materials will dictate the schedule for this project. Once constructed, this project will provide additional flood protection to unincorporated Elmhurst. The improvements will connect to existing infrastructure under existing roads that ultimately discharge into Addison Creek.

The Department's On-Call Construction contract with Earthwerks Land Improvement and Development Corporation Inc. continues to make progress. Earthwerks is currently working on the Lufkin Pond project (ARPA funded). Substantial completion has been reached at the Winfield Creek Streambank Stabilization Project (DCEO funded) and staff is working on a punch list to provide the contractor for all projects nearing completion. Stormwater staff continues to oversee all construction associated with this contract.

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