



**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 December 2024

DATE: November 25, 2024

Watershed Planning

Lacey Creek Watershed Plan:

Lacey Creek is a tributary to the East Branch DuPage River primarily flowing through the communities of Downers Grove, Oak Brook and portions of Unincorporated DuPage County. The final Lacey Creek Watershed Plan along with the Comment Response Document were both presented at the November Stormwater Committee for final approval. Both of these final documents were approved at the November 12 County Board meeting. The approved Lacey Creek Watershed Plan has been posted to the DuPage County Stormwater website.

Prentiss Creek Watershed Plan

A contract was awarded to Engineering Resource Associates at the November Stormwater Management Planning Committee meeting for the development of the Prentiss Creek Watershed Plan. This watershed includes portions of Downers Grove, Woodridge, and Unincorporated DuPage County. Staff will schedule a kick-off meeting in the next few weeks. The contract will run through the end of 2026.

Facilities/Operations/ Shared Services Projects

Shared Services/Drainage Projects:

In cooperation with the Village of Roselle, the department's in-house crew substantially completed a small scale drainage project that will benefit Village of Roselle and unincorporated Medinah residents. The site will be restored before the end of winter, with final restoration taking place in the Spring.

Department staff is working on a cost share project with Milton Township for a culvert rehabilitation project in unincorporated Lombard. If approved at the December Stormwater Committee and County Board meetings, the project will begin in January, taking a few weeks to complete.

Staff also continues to work on several small-scale drainage project designs. A culvert removal project in Bloomingdale Township is under review by the regulatory agencies. Stormwater staff also continues to work on solving a residential flooding issue in unincorporated Elmhurst. When complete, these projects will benefit areas that experience localized flooding in unincorporated areas of the County.

Facilities/Operations:

There have been no recent rain events that have triggered operation of the County's major flood control facilities. All stormwater flood control facilities continue to be maintained on a regular basis. Staff continues to monitor rainfall forecasts, stream elevations and rainfall gages throughout the County and are prepared to operate our flood control facilities as needed.

A permanent generator is going to be installed at the Armstrong Park Flood Control Facility. The generator was bid as a standalone item, and shop drawings for the proposed equipment are under review. The site construction work associated with installation will be a separate bid, and is expected to be awarded at the December Stormwater Committee and County Board meetings, respectively.

Water Quality

Staff continue working with our consultant on the design of the Winfield Creek/Campus Stream Stabilization Project. This project is funded by the IL EPA. Construction is anticipated to begin in early 2025.

Work continues on the IL EPA funded Watershed-Based Plan for the north half of the West Branch DuPage River, which includes working with a consultant on an HSPF water quality model. The plan is scheduled to be completed by the end of 2025.

DuPage County inspects storm sewer outfalls for illicit discharges on behalf of municipalities and townships for compliance with the IEPA Permit# ILR40. For 2024, inspections are targeted in the West Branch Watershed. To date, 88% of scheduled inspections have been completed.

Regulatory

The Regulatory Group is on track for a record-breaking year with permit submittals. With a surge in individual reviews and pre-application meetings, plus continued efforts across the Stormwater Management program, the Regulatory Group is working diligently to stay on schedule for our target reviews and goals.

ARPA Projects

Two construction contracts for the St. Joseph Creek Condominiums flood gate and flood wall projects were awarded to Copenhaver Construction, as the low bid contractor for both contracts. Located within the Village of Lisle, these projects will provide flood protection to three condominium buildings through a series of flood walls, flood gates, and associated pump stations and storm sewers. A pre-construction meeting with the contractor took place on November 19. Shop drawings for the flood gates are expected to be approved in the upcoming weeks. Staff will be working with the contractor to determine construction sequencing that allows all construction components to be completed in accordance with environmental regulations while also keeping in mind the lead times for the gates to be manufactured. Tree clearing could begin over the winter, with the bulk of construction commencing early Spring.

Located in unincorporated Lombard, the Luther - High Ridge Stormwater project has met substantial completion. Construction of all storm sewer, concrete curb, and asphalt pavement has been completed. The site will be stabilized over the winter months, with final restoration expected in Spring 2025.

The Main Street Storage Basin project in Lisle has met substantial completion. Additionally, a majority of the plantings have been installed. Remaining work includes addressing all punch list items and planting the remaining required shrubs, which will be completed in 2025.

Country Club Highlands Phase II in unincorporated Elmhurst broke ground earlier this year and has met substantial completion. Staff still continues to work with the contractor and an outside consultant to verify completion of punch list items. Final sign off is expected in late 2025.