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STORMWATER MANAGEMENT

MEMORANDUM

To: Stormwater Management Planning Committee

FROM: Mary Beth Falsey, Stormwater Management

SUBJECT: Winfield Creek Stream Restoration Project
Intergovernmental Agreement with the Village of Winfield

DATE: March 17, 2025

DuPage County Stormwater Management was awarded a Section 319 grant from the Illinois Environmental Protection Agency (Illinois EPA) to complete the Winfield Creek Stream Restoration Project. Winfield Creek has been designated as impaired by the Illinois EPA for not supporting aquatic life in the 2018 Illinois Integrated Water Quality Report and Section 303(d) List due to low dissolved oxygen and alteration in stream-side or littoral vegetative covers. The project aims to improve water quality and aquatic life conditions by reducing pollutant loadings in Winfield Creek while serving as a demonstration project and public education opportunity. The project will primarily take place on the west side of DuPage County campus but will also include parcels owned by the Village of Winfield and Winfield Park District.

Stormwater Management has worked with an engineering consultant to design and permit final design of the proposed stream restoration project. The project involves restoring Winfield Creek by stabilizing eroded streambanks with bank shaping and installation of a rock toe, planting native vegetation, placement of riffle structures in the stream, planting a native filter strip, installation of bioswales at outfalls, wetland enhancement, and educational signage.

Intergovernmental Agreements are required between DuPage County and the Village of Winfield to memorialize the agreement between the entities for design, construction, and maintenance of the project. The Intergovernmental Agreement includes management and monitoring by DuPage County on Village of Winfield property for the duration of the Illinois EPA required 10-year Operations & Maintenance Plan. Following completion of the 10-year Operations & Maintenance Plan, long-term maintenance responsibilities will be turned over to the Village.

Action Requested: Staff is requesting approval of the Intergovernmental Agreement with the Village of Winfield for the Winfield Creek Stream Restoration Project.