

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) is between the City of Joliet (the City) of Will County, Illinois, Prairie Rivers Network (PRN) and the Illinois Chapter of the Sierra Club (SC).

PURPOSE OF THIS AGREEMENT

1. To allow the City of Joliet to meet its wastewater management needs while satisfying Illinois antidegradation and other water pollution control requirements.
2. To provide long-term protection of and improvements to the water quality of the Lower DuPage River.

BACKGROUND

The City of Joliet is seeking a National Pollution Discharge Elimination System (NPDES) permit from the Illinois Environmental Protection Agency (IEPA) to authorize an expansion of the City's Aux Sable Wastewater Treatment Plant (WWTP). The proposed plant expansion would increase pollutant loadings to the Lower DuPage River. Illinois water pollution control regulations require the City to minimize such pollutant loadings.

The City worked with Prairie Rivers Network and Sierra Club, non-profit river protection organizations, to assist it in meeting water quality protection requirements. This MOU sets forth the duties of all parties during the life of NPDES permit No. IL 0076414, as modified, as accepted by their signatures below.

AGREEMENT

The design average flow of the WWTP will increase from a daily average flow of 3.2 million gallons per day (MGD) to 7.7 MGD. In order to treat the expanded waste stream, the City will complete various upgrades to the WWTP including but not limited to additional grit removal, a selector structure upstream of the existing oxidation ditch, two additional clarifiers, modifications to the UV disinfection system, one additional biosolids storage tank, and a new chemical feed building.

Biological Nutrient Removal (BNR). In order to minimize nutrient loadings to the Lower DuPage River, the City will construct a new selector structure consisting of four individual selectors upstream of the existing oxidation ditch. The structure will be constructed for maximum operational flexibility and can operate in either AO mode, AO with RAS denitrification or UCT mode. Chemical phosphorus removal will be installed as a back-up to BNR. The City agrees to the following NPDES permit Special Conditions.