

Project Name: Liberty Prairie Meadow Recovery Project

Grant Recipient: Libertyville Township

Project Location: Liberty Prairie Nature Preserve

Project Budget: 319 Grant Award \$46,000 / Total Project Costs - \$30,956.66

Project Summary: The Sedge Meadow Recovery Project was completed at the Liberty Prairie

Nature Preserve which is owned by the Libertyville Township. This project, a component of a larger restoration and flood mitigation plan for the Liberty Prairie property, restored 2 acres of sedge meadow within the nature

preserve by restoring the natural hydrology by removing drainage tiles, and removing an overburden of 16 inches of soil and allowing the natural

seedbed to recover among planted native cover crops. Restoration of this site was designed to help filter agricultural runoff from the surrounding

landscape, restore natural hydrology of the watershed, and reestablish natural presettlement communities. Prior to construction, the LPC prepared

an inventory and assessment plan to document pre/post restoration conditions to determine the efficacy of this approach in restoring sedge meadow wetlands in northeast Illinois. Vegetative transects were performed and soil profiles were examined to evaluate seedbank in the overburden.

Also, shallow wells were monitored to evaluate water depth pre/post project implementation. Interpretive signage was installed near the project site to explain the restoration work to inform the public about nonpoint source

pollution and to acknowledge the sponsoring agencies and groups.



Cover crop and burden



Sedge meadow buffer moving after planting