



## ■ Services Provided

- ◆ Native Wetland, Woodland and Prairie Restoration
- ◆ Storm Water Vegetation Consultation, Design, Installation and Management
- ◆ Water Garden / Rain Garden Design and Installation
- ◆ Natural Landscape Management and Monitoring
- ◆ Invasive Plant Management
- ◆ Shoreline Enhancement
- ◆ Wetland Delineation

## Contact information:

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# Infiltration Basins

- Designed to manage storm water runoff, prevent flooding & improve water quality.



# Bioretention Basins

- Shallow depressions designed to retain storm water runoff.



# Rain Gardens



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# Deep Tilling, Compaction Mitigation



# Sediment Removal



# Nuisance weed control

Herbicide Application



Burning (could encourage weeds)



# Nuisance weed control

Selective Cutting



# Nuisance weed control

Annual Mowing



# Nuisance weed control

Spring Mowing



# Nuisance weed control

Fall Mowing



# Animal control (e.g., geese eating plants)



# Vegetation re-establishment in case of initial failure

- **Prepare Site for Seeding / Re-install Emergents:** eliminate existing vegetation (mow, herbicide, cultivate, install plants and seed mixes)
- **Select Appropriate Seed Mix:** Sedge Meadow, Wet Meadow, Upland
- **Follow-up:** over-seed, additional plantings, manage weeds



# Hydrologic issues, high water table



# What if basins can't be taken off-line?



# Wetland Emergent Plantings

## Planting Rates

Ponds / Wetlands – 1 plant per linear ft – x 2

Prairies – 1 plant per square ft

## Planting Methods – spring, summer or fall

Plugs (upland) – 2 1/2 " pots – nursery grown

Rootstock (wetland) – bare root tubers, Rhizomes

\*always complement plantings with seed



# Wetland Emergent Plantings



# Identify Seedlings



# Follow Up Work

- Repair Erosion
- Identify Seedlings – desirable and undesirable plant species
- Manage Site for Invasives Plants
- Perform Annual Mowings
- Provide Client, Regulators and / or Owners with Prairie Therapy



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# Questions?



Specializing in the Restoration and Installation of Prairies, Wetlands, Shorelines and Water Gardens

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