

Odana Pond

Revegetation and Habitat Enhancement Plan

Construction Disturbance Revegetation

A number of undesirable shrubs, such as buckthorn and honeysuckle, were removed from the banks of the pond to facilitate installation of the new water intake structure. Also, as a result of this construction activity, some areas of adjacent grassland were disturbed. Madison Gas & Electric Company (MGE) proposes to revegetate this area of disturbance with the following species of native prairie plants:

Grasses

- Big Bluestem (*Andropogon gerardii*)
- Switch Grass (*Panicum virgatum*)
- Indian Grass (*Sorghastrum nutans*)
- Prairie cord Grass (*Spartina pectinata*)

Wildflowers

- Glade Mallow (*Napaea dioica*)
- Cup Plant (*Silphium perfoliatum*)
- Tall Sunflower (*Helianthus giganteus*)
- Sneezeweed (*Helianthus autumnale*)
- Great St. John's Wort (*Hypericum pyramidatum*)

Habitat Enhancement

Over time the quality of and diversity of vegetation and wildlife habitat in and around the pond has deteriorated. MGE proposes several measures to enhance the existing habitat:

1. Strategically placing logs in the pond to provide basking opportunities for turtles, perching areas for birds and underwater habitat for fish.
2. Installing a bat house on the new pump house.
3. Placing sandy soil near the southwest bank of the pond to provide turtle nesting habitat.
4. Planting submergent and emergent vegetation near the north shoreline. Aquatic plant specie may include species such as:

Submergent

- Coontail (*Ceratophyllum demersum*)
- Elodea (*Elodea canadensis*)
- Sago Pondweed (*Potamogeton pectinatus*)
- Narrow-leaved pondweed (*Potamogeton pusillus*)

Emergent

- Common Bur-reed (*Sparganium eurycarpum*)
- Soft-stemmed Bulrush (*Scirpus validus*)
- Yellow Water-lilly (*Nuphar spp.*)
- American Lotus (*Nelumbo lutea*)