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**Red Team Scenario**

“Handsome engineer [skills unspecified], that likes to hunt waterfowl [quack-quack], marries money--has a lot of spare time...”

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**Inventory**

- Recently abandoned agriculture field; mainly goldenrod, with sparse sedge areas, including scattered aspen.
- Wildlife: mallards, C.geese, var. snakes, g.frogs, aquatic worms and leeches.
- Water: groundflow and surface runoff.
- Soil type: Ce
- Seed bank (rush, cat-tail, etc.)?
- Functional assessment: done.

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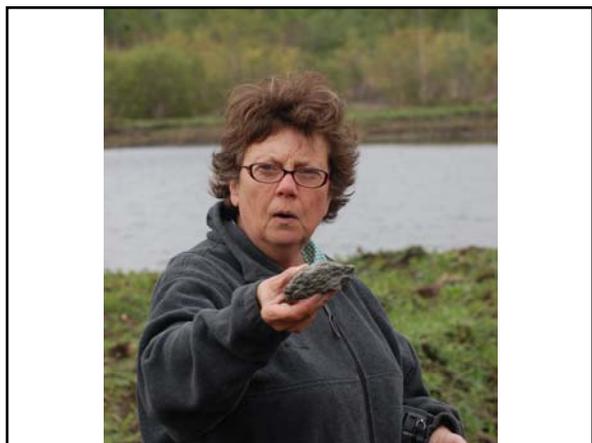
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### Objectives

- Create series of shallow, manageable depression wetlands.
- Create heterogeneous waterfowl habitat.
- Maintain preferred vegetation.

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### Proposed Vegetation

- cat-tail (exists)
- chufa and other sedges (some exist)
- smartweeds (exist)
- rushes (exist)
- millet & other grasses (some exist)
- beggar-tick (?)

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### Proposed Engineering Features

- Center ditch: cement-footed water-control structure at base and two Agridrains up-ditch.
- Side-ditches: sheet-pile at bases (*North*).
- Four shallow depressions (1-24" depth) at mid-field and up-field, near side-ditches (removed material dumped in side-ditches)

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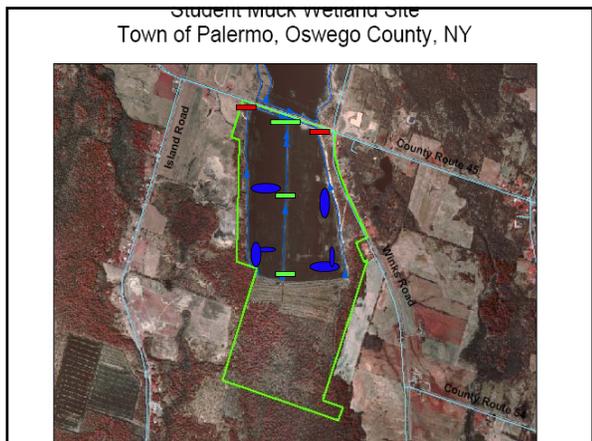
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**Wildlife Considerations**

Creating heterogeneous wetland habitat for breeding and stop-over waterfowl, and foraging habitat for shorebirds.

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**Funding**

NRCS contract under 10-yr WRP agreement

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**Time-table**

- Construction: summer/fall 2008.
- Monitoring potential desirable wetland veg species from seedbank: summer 2009.
- If necessary, start planting desirable veg w/ local propagules: fall 2009.

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**O & M Statement**

Landowner responsible for maintaining water-control structures, water levels, and controlling invasive plants.

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**Feasibility of Reclamation**

Site is highly restorable, given the ability to control water and adequate funding.

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The End



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