

Amoco Monitoring

Survey conducted 9/29/21

ENHANCEMENT ZONE

Wet Meadow Interior Zone - Wetland Enhancement Area

Acorus americanus (sweet flag) 23% cover, 5 plants

Juncus effusus (common rush) 17% cover, 25 plants

Sagittaria latifolia (common arrowhead) 16 % cover, 13 plants

Schoenoplectus tabernaemontani (softstem bulrush) 8% cover, 10 plants

Alisima subcordata (water plantain) 2%, 1 plant

There is a 20 x 20 ft area of the invasive exotic *Pragmites australis* (common reed) coming into this zone that should be removed or it will choke out the native species.

Wet Meadow Exterior Zone - Wetland Enhancement Area

Acorus americanus (sweet flag) 40% cover, 34 plants

Juncus torreyi (Torrey's rush) 7% cover, 5 plants

Schoenoplectus tabernaemontani (softstem bulrush) 6% cover, 9 plants

Leersia orzoides (rice cut-grass) 6% cover, 6 plants

Juncus pelocarpus (brown-fruit rush) 5%, 12 plants

Ludwigia palustris (marsh seedbox) 2% cover, 2 plants

Shallow Emergent Marsh Interior Zone - Wetland Enhancement Area

Pontederia cordata (pickerel weed) 80% cover, 3 plants

Sagittaria latifolia (common arrowhead) 5% cover, 2 plants

Schoenoplectus tabernaemontani (softstem bulrush) 3% cover, 5 plants

Shallow Emergent Marsh Exterior Zone - Wetland Enhancement Area

Pontederia cordata (pickerel weed) 80% cover, 3 plants

Myriophyllum sibiricum (northern water-milfoil) 20%, 10 plants

Woody Plant Zone - Wetland Enhancement Area

Cornus sericea (red osier dogwood) 30%, 1 plant

Cornus amonum (silky dogwood) 20%, 1 plant

Melilotis alba (white sweet clover) 11%, 3 plants

Schoenoplectus tabernaemontani (softstem bulrush) 7%, 10 plants

Salix exigua (sandbar willow) 5%, 3 plants

Persicaria hydropiper (water pepper) 7%, 4 plants

Juncus pelocarpus (brown-fruit rush) 2%, 1 plant
Cyperus strigosus (false nutsedge) 2%, 1 plant
Lythrum salicaria (purple loosestrife) 2%, 1 plant, **Invasive exotic**
Salix amygdaloides (peachleaf willow) 2%, 2 plants
Bidens cernua (nodding beggarsticks) 1%, 1 plant

RESTORATION ZONE

Wet Meadow Interior Zone - Wetland Restoration Area

Acorus americanus (sweet flag) 80% cover, 20 plants
Lythrum salicaria (purple loosestrife) 2%, 1 plant, **Invasive exotic**
Juncus effusus (common rush) 3%, 2 plants
Leersia orzoides (rice cut-grass) 2% cover, 3 plants
Pontederia cordata (pickerel weed) 2% cover, 1 plant
Bidens cernua (nodding beggarsticks) 1%, 1 plant
Pilea pumila (clearweed) 2%, 2 plants

Wet Meadow Exterior Zone - Wetland Restoration Area

Acorus americanus (sweet flag) 70% cover, 30 plants
Sagittaria latifolia (common arrowhead) 4% cover, 2 plants
Leersia orzoides (rice cut-grass) 3% cover, 3 plants

Shallow Emergent Marsh Interior Zone - Wetland Restoration Area

Pontederia cordata (pickerel weed) 70% cover, 2 plants
Acorus americanus (sweet flag) 10% cover, 10 plants

Shallow Emergent Marsh Exterior Zone - Wetland Restoration Area

Pontederia cordata (pickerel weed) 40% cover, 3 plants
Myriophyllum sibiricum (Northern Water-milfoil) 20%, 20 plants

Woody Plant Zone - Wetland Restoration (all wood plants are dead here)

Lythrum salicaria (Purple loosestrife) 20%, 7 plant, **Invasive exotic**
Acorus americanus (sweet flag) 24% cover, 20 plants
Carex vulpenoidia (fox sedge) 6%, 4 plants
Leersia orzoides (rice cut-grass) 3% cover, 10 plants
Sagittaria latifolia (common arrowhead) 3% cover, 3 plants

Persicaria hydropiper (water pepper) 1% cover, 5 plants

The invasive exotic *Lythrum salicaria* (Purple loosestrife) is coming into scattered areas of the restoration area, and to a lesser degree the enhancement area. This plant should be removed from these areas or it could become very abundant and choke out the native species.