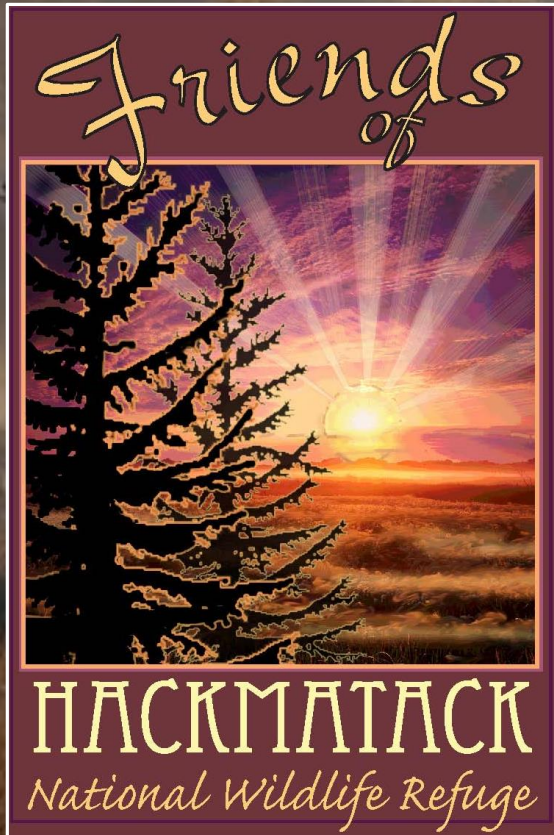


**HACKMATACK
NATIONAL WILDLIFE
REFUGE**

**PROGRESS UPDATE: THE
POWER OF PARTNERS**

Nancy Williamson

Steven Byers



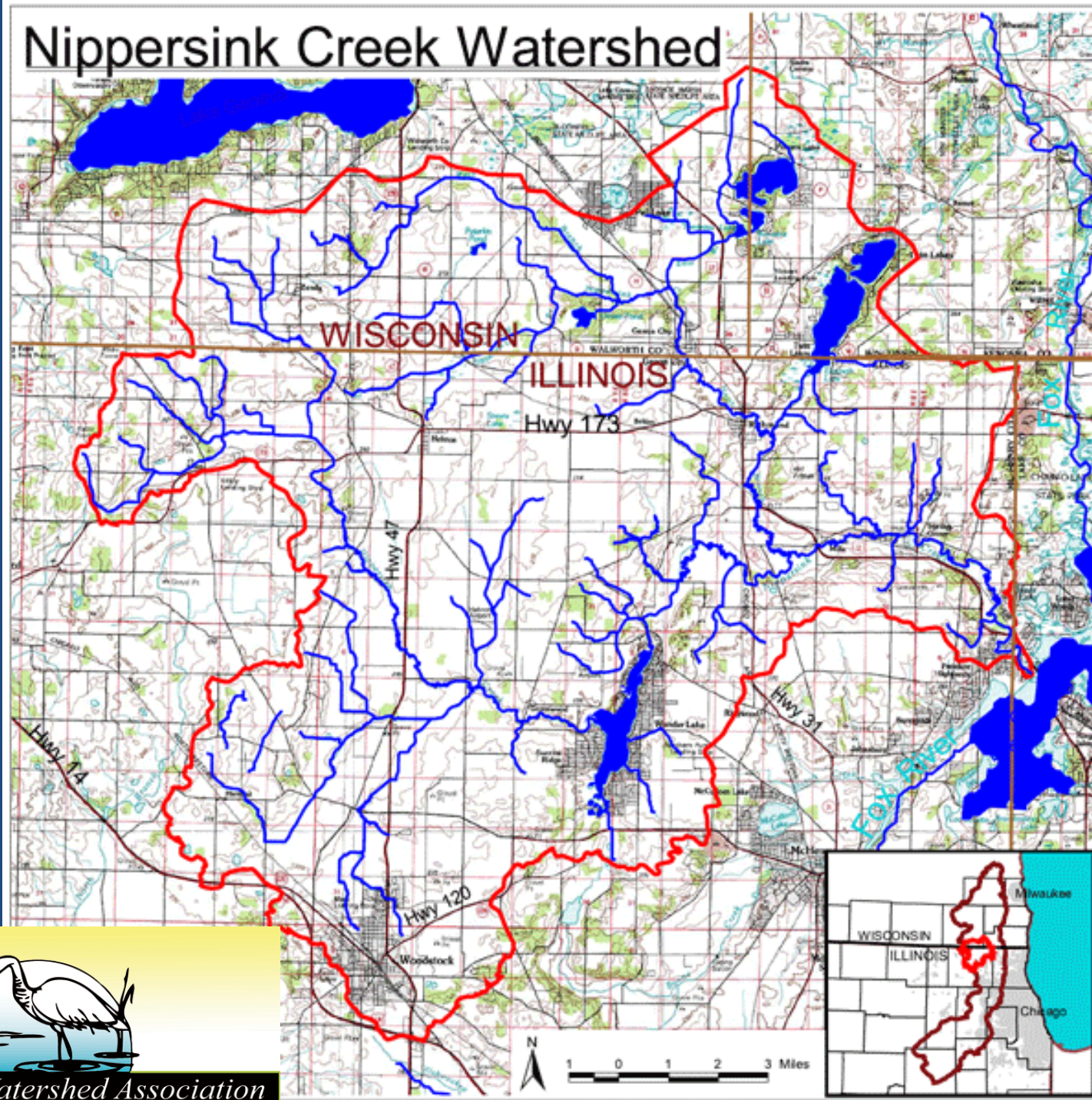
Bi-State Fox River Watershed

Waukeshaw WI
to Ottawa IL

*Nippersink Creek
straddles the two
states*

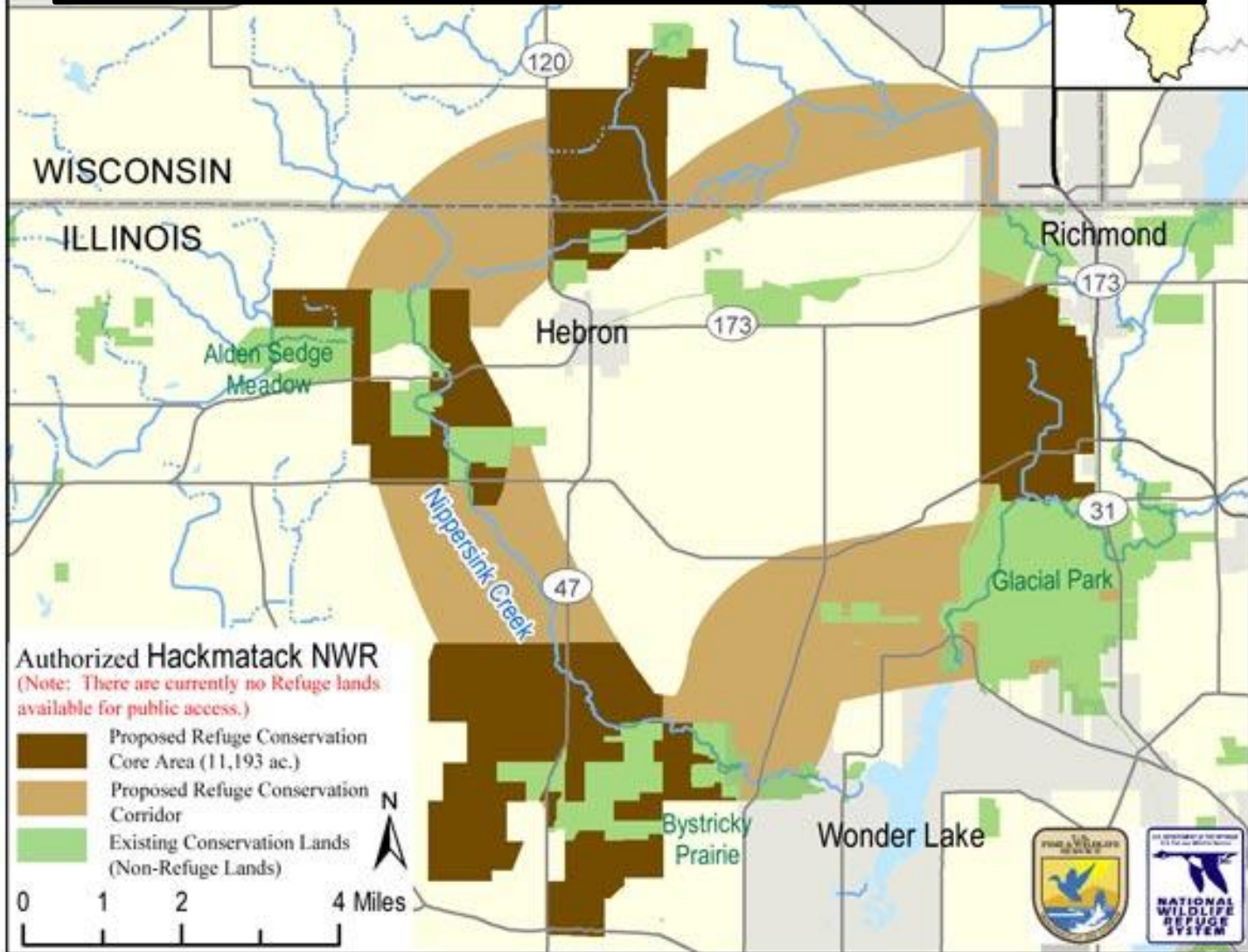


Nippersink Creek Watershed



Hackmatack National Wildlife Refuge

- established November 2012 with goal of acquiring 11,193 acres



Goals of Hackmatack NWR

1. Protect and enhance habitats for federal trust species and establish habitat for migratory grassland and wetland birds on grassland-dependent migratory birds and protection of wetlands and grasslands.
2. Create opportunities for hunting, fishing, wildlife provide recreational opportunities environmental education and interpretation, while promoting activities that complement the purposes of the Refuge and other protected lands in the region.
3. Promote science, education, and research through encourage responsible use and stewardship decisions and encourage continued responsible stewardship of the natural resources of the Hackmatack NWR.

USFWS Priority Areas

Priority 1 (Core Areas - acquire/protect 11,193 acres)

- habitat for migratory grassland and wetland birds support federal trust species
- habitat for federal E&T species habitat for federally-listed species
- ecologically significant portions of Nippersink Creek & watershed Creek watersheds
- supports good preserve design (larger, connected habitats)

USFWS Priority Areas

Priority 2 (Corridor Areas – undetermined acres; use easements)

- stream corridors and floodplains associated with/hydrologically connected to core units
- recreational corridors (trails) recreational trails
- easily restored; limited development & native habitats
- at least 600 feet wide; providing wildlife corridors containing room for a multi-use trail - minimum 600' wide.

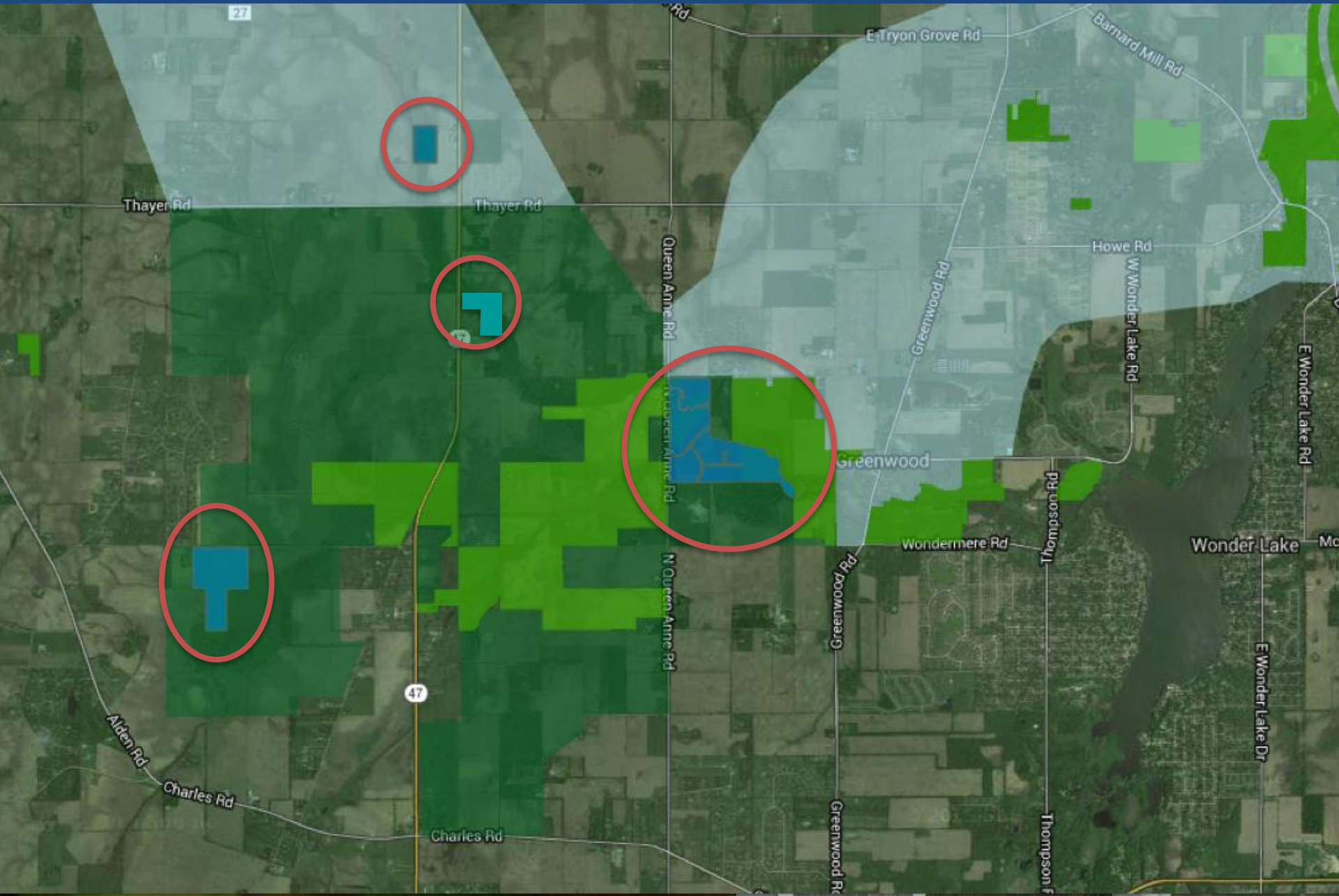
Hackmatack National Wildlife Refuge

Land Protection Partners 2016



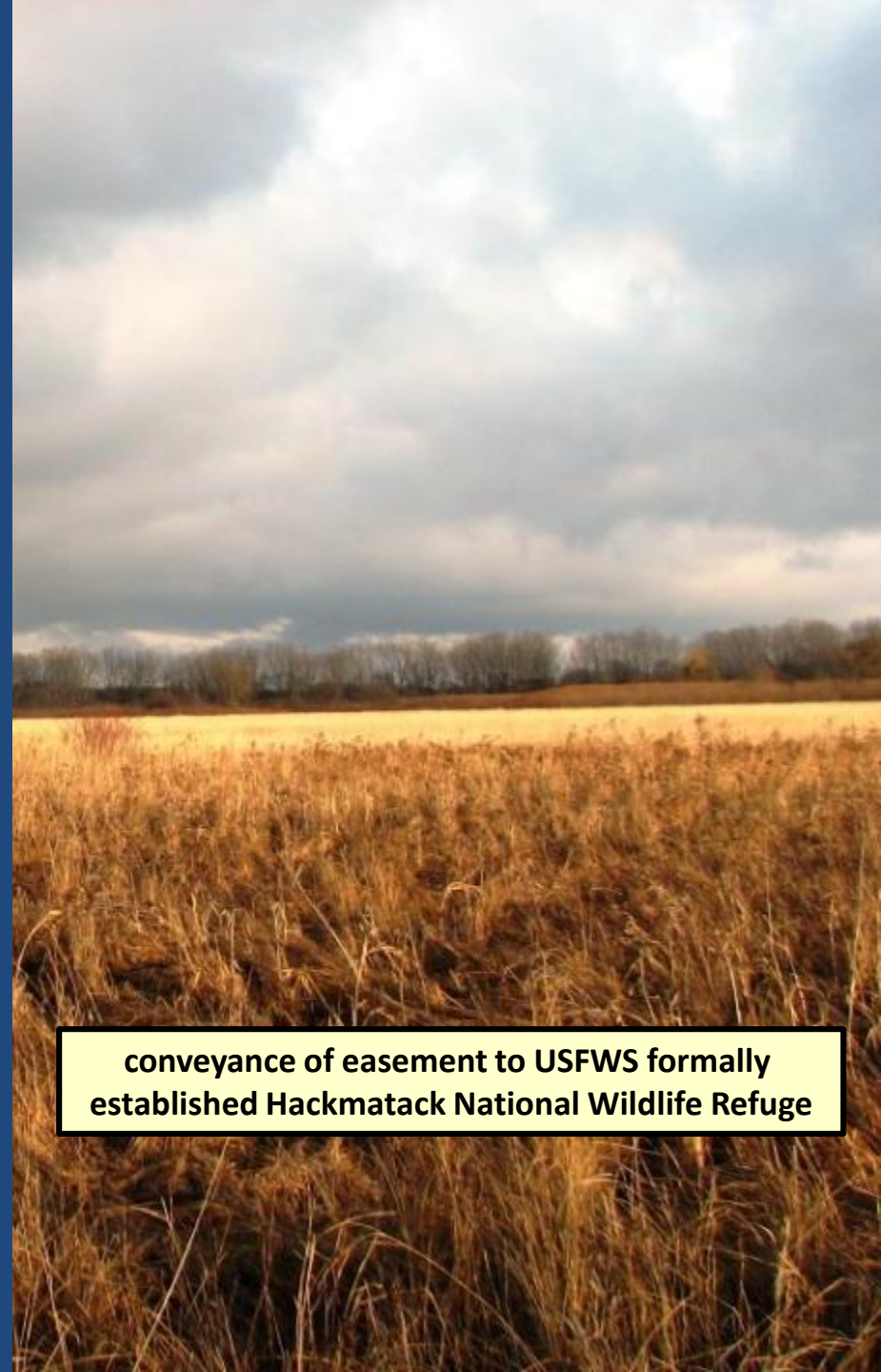
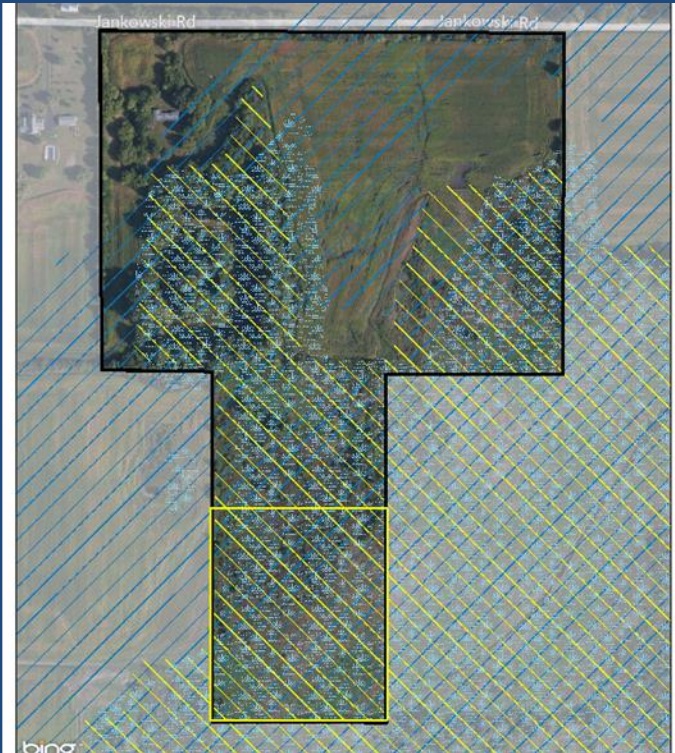
- Ducks Unlimited
- Friends of Hackmatack National Wildlife Refuge
- Illinois Department of Natural Resources
- Land Conservancy of McHenry County
- McHenry County Conservation Foundation
- McHenry County Conservation District
- Openlands
- US Fish and Wildlife Service

QUEEN ANNE PRAIRIE UNIT CORE AREA



PETERSON

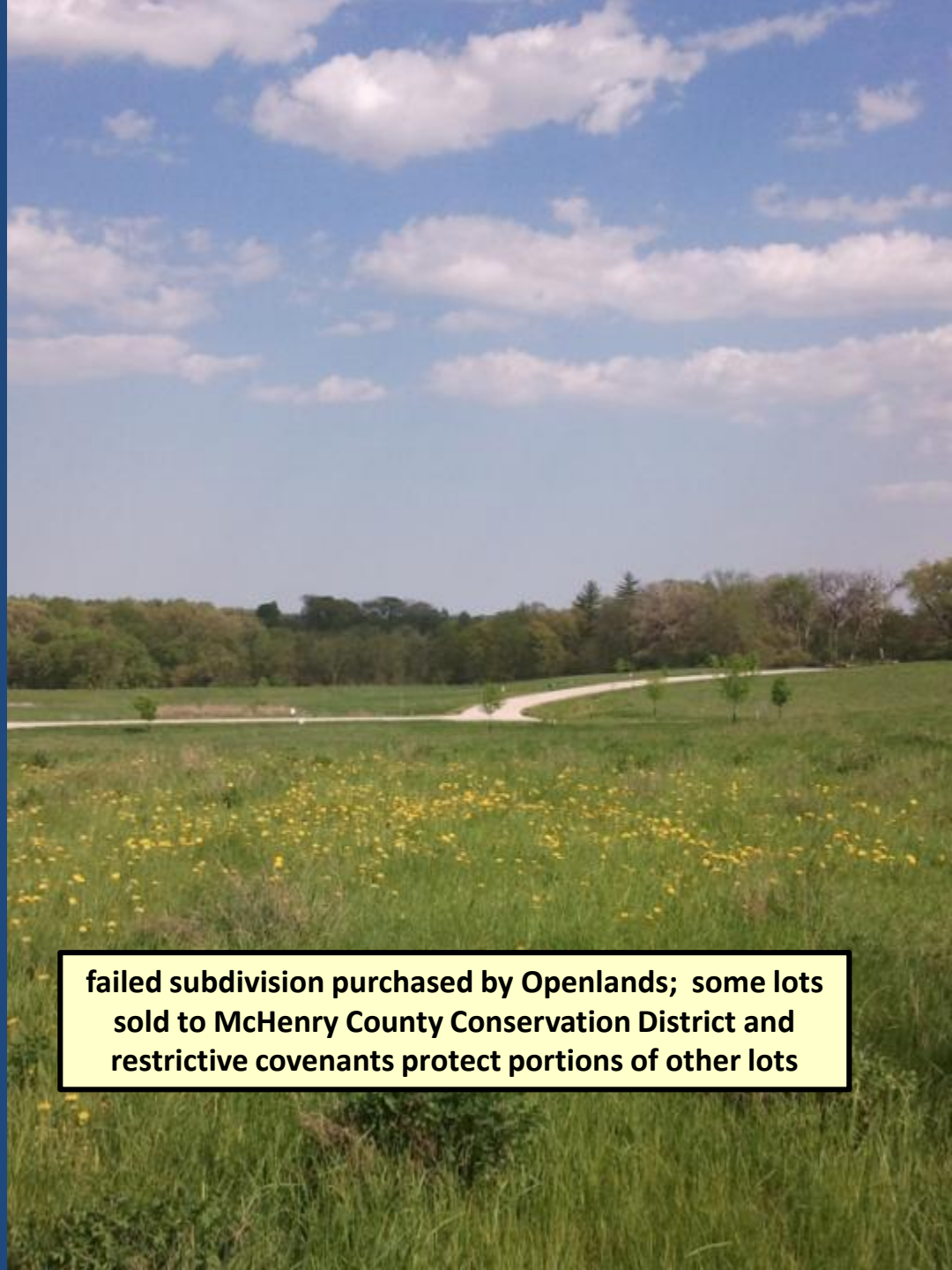
- 72 acres in Queen Anne Prairie Core (1st purchase)
- Partners included MCCD, Openlands, State of Illinois, USFWS, with funding from State of IL – DNR, Openlands, MCCF, Friends of Hackmatack NWR



conveyance of easement to USFWS formally established Hackmatack National Wildlife Refuge

TWIN CREEKS

- 105 acres in Queen Anne Prairie Core
- Funding includes Openlands, MCCD, private conservation buyers, Ducks Unlimited, Federal Wetlands Grant



failed subdivision purchased by Openlands; some lots sold to McHenry County Conservation District and restrictive covenants protect portions of other lots

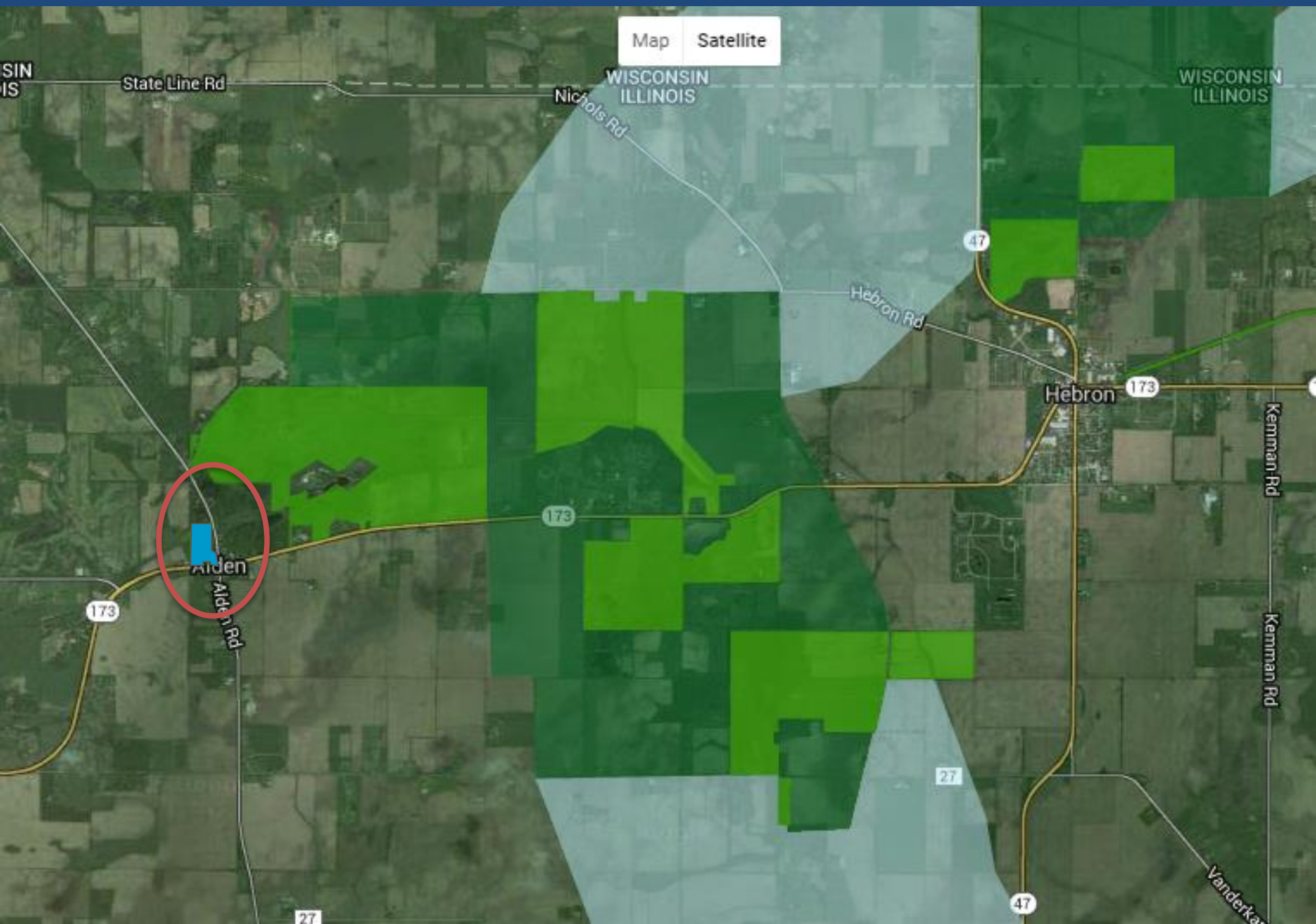
SHAW

- 26.3 acres in Queen Anne Prairie Core
- Conservation Easement donated to The Land Conservancy of McHenry County, 2015
- Sedge meadow, oak woods and savanna, 0.3 miles of Nippersink Creek



Dr. Lloyd Shaw with Mollie in the Creek

ALDEN SEDGE MEADOW UNIT CORE AREA



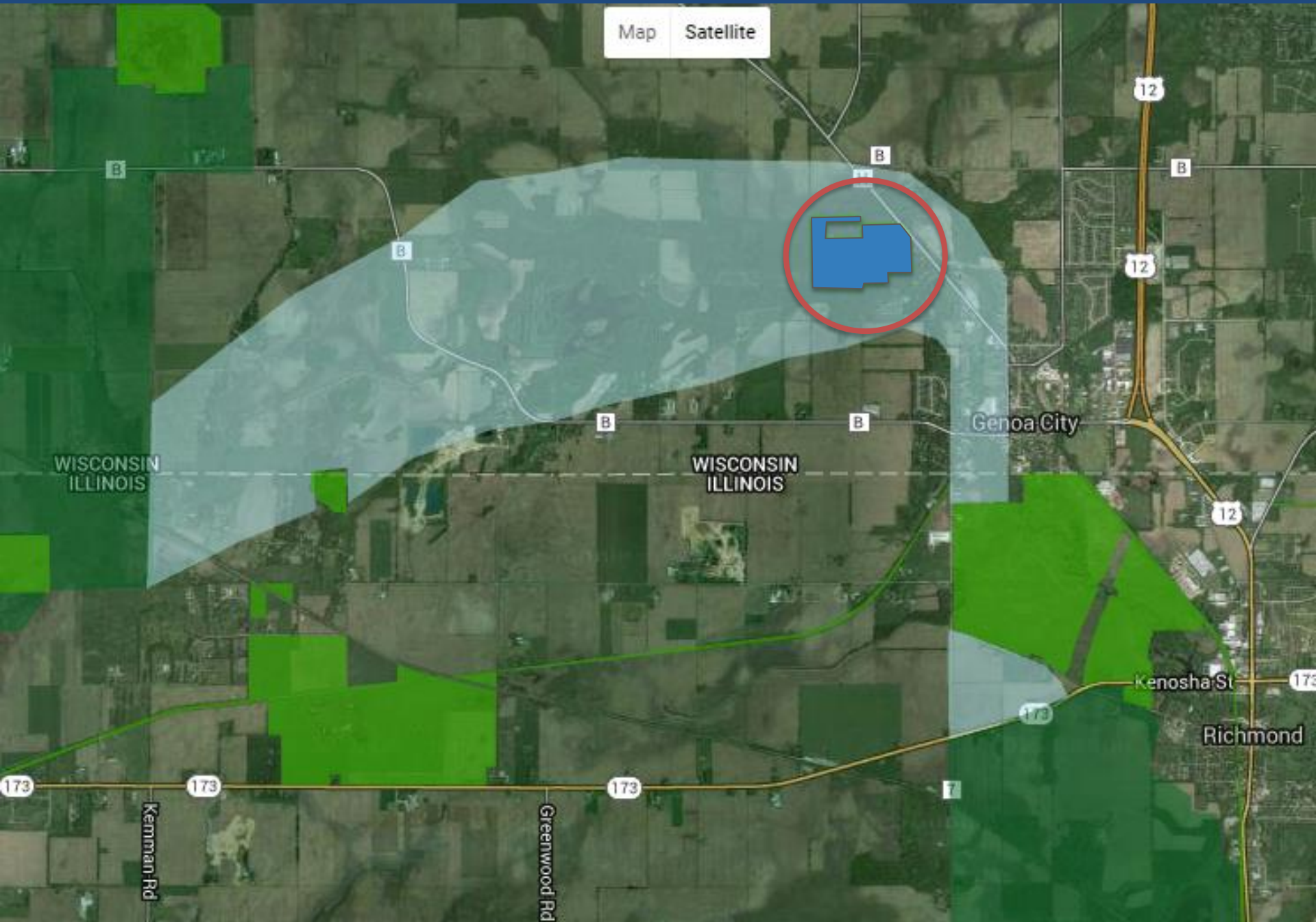
KIEBLER-RICH NATURAL AREA

- 84 acres outside Alden Sedge Meadow Core Area
- Acquired by MCCD and Land Conservancy of McHenry County
- Kiebler = 73 acre conservation easement donation, Rich = 11 acre acquisition



**Parcel acquired by private landowners (Kieblers);
of 84 acres, 11 acres purchased by
McHenry County Conservation District and
the Keiblers conveyed easement on balance of property**

GOOSE POND CORRIDOR

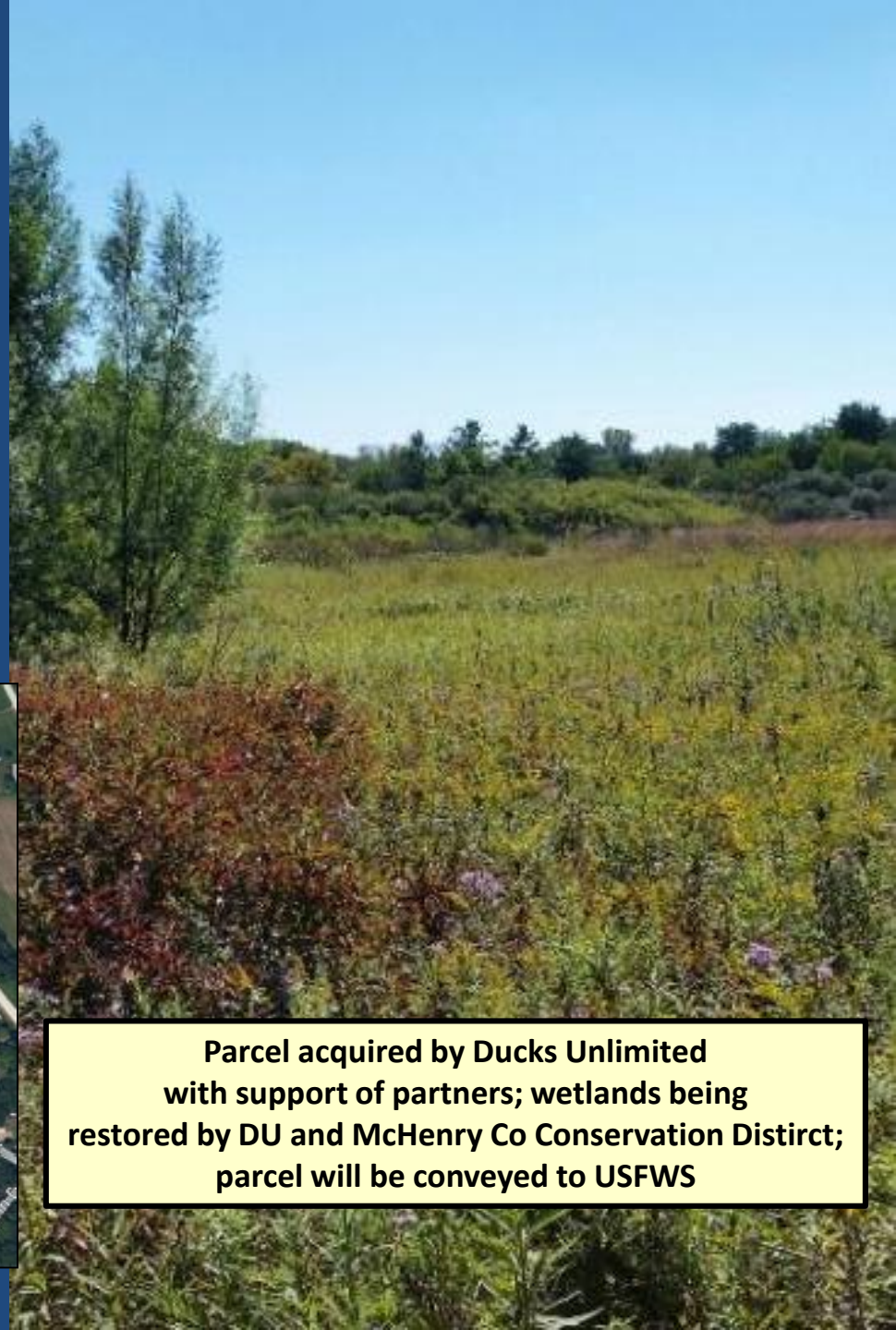


TURNER

- 86 acres in Goose Pond Corridor
- Partners included MCCD, Openlands, Ducks Unlimited
- Funding included Ducks Unlimited, State of WI – DNR, Friends of Hackmatack NWR, private donors

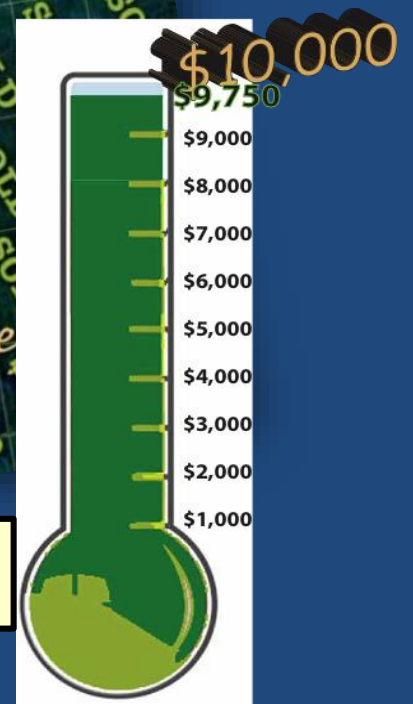


Parcel acquired by Ducks Unlimited with support of partners; wetlands being restored by DU and McHenry Co Conservation District; parcel will be conveyed to USFWS

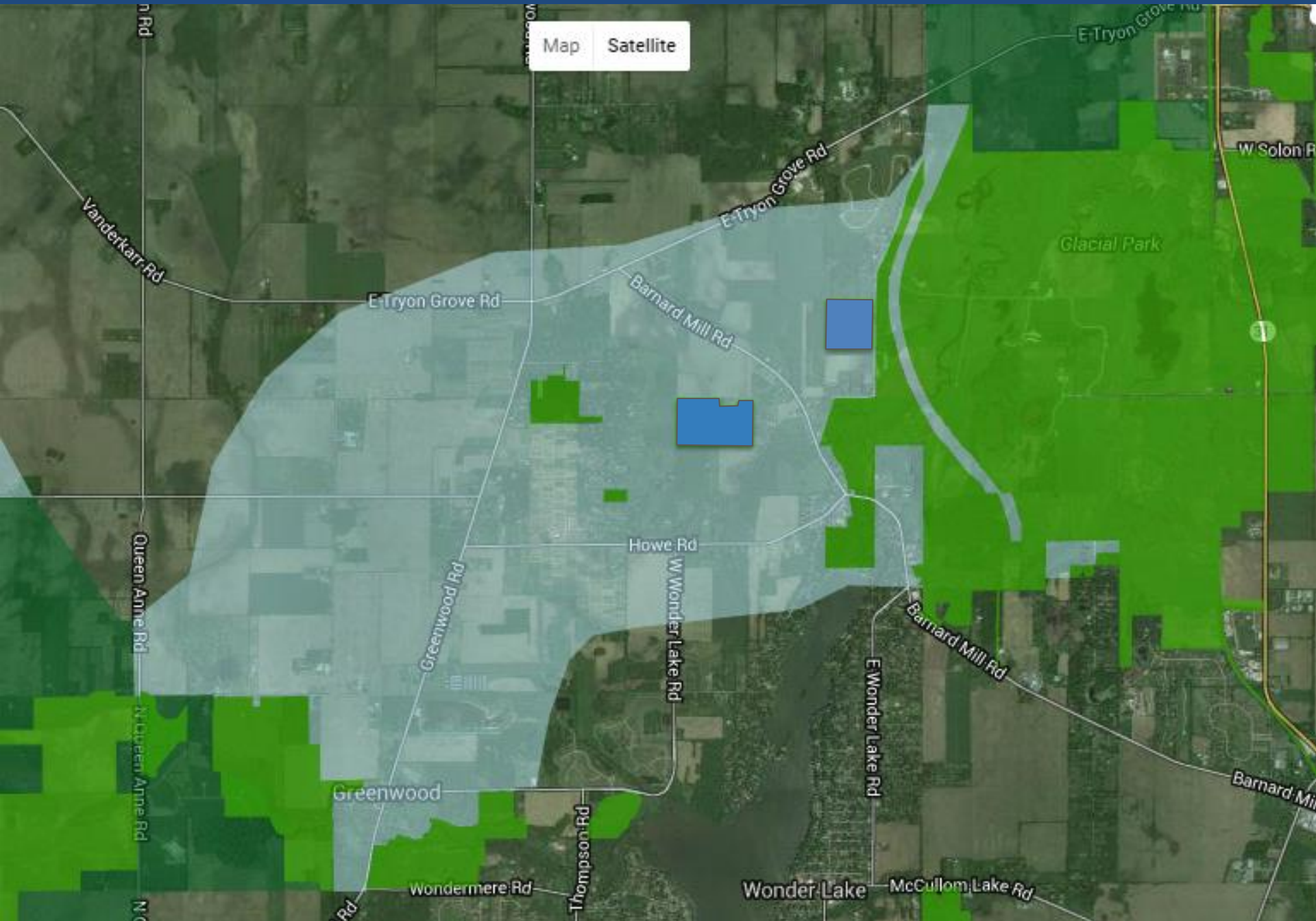




fundraiser (fill in the puzzle) by Friends of Hackmack
- to support Ducks Unlimited purchase-

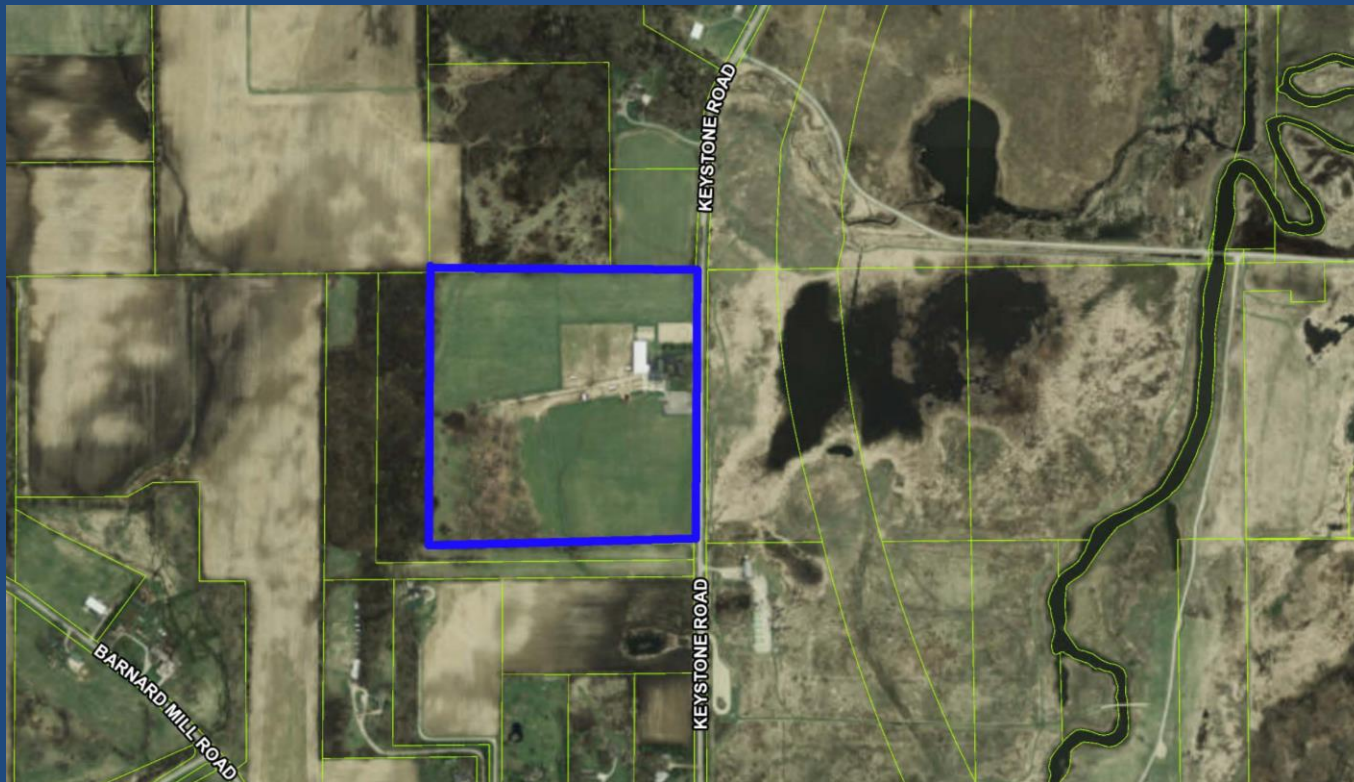


GREENWOOD CORRIDOR

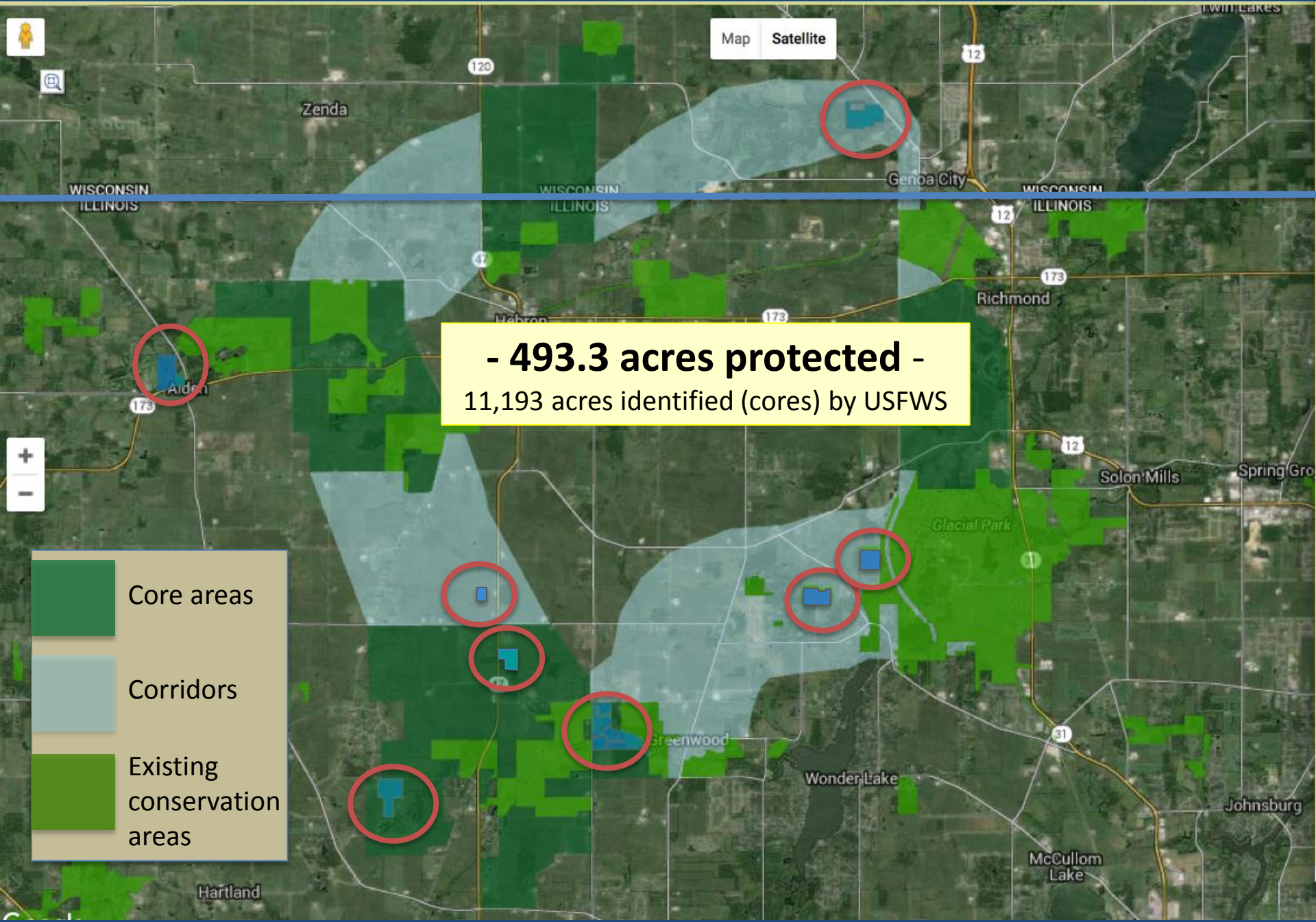


MAIN STAY

- Inside Greenwood Corridor, across the road from Glacial Park
- 40 acre conservation easement donated to TLC by Main Stay Therapeutic Farm in 2013



HACKMATAACK PROGRESS Nov. 2012 – March 2016



International Migratory Bird Day

The Friends, City of Lake Geneva Four Seasons Park,
McHenry County Conservation District, US FWS



CELEBRATING MONARCHS

Monarch butterflies are our most recognizable insect. Every year they complete a wondrous cycle of life. As autumn approaches monarchs migrate from Canada and the northern U.S. to high mountain forests in Mexico and forests in California where they overwinter.

Spring approaches and the monarchs head back north mating and laying eggs on milkweeds. The newly emerging monarchs continue the journey north laying their eggs on milkweeds. This multi-generational, miraculous migration continues until they reach their northern habitats and the cycle begins anew. Monarch butterfly numbers are at an all time low and need our help. Create monarch butterfly gardens and be sure to include milkweeds. For further information visit www.fs.fed.us/monarchbutterfly.

Friends of Hackmatack & PARTNERS! Monarch work 2015-16



U.S. Fish & Wildlife Service

¡Proveeremos
un futuro
lleno
de mariposas
monarcas!

!Monarca Mania!

El Vuelo De Las Mariposas

- Proyecciones gratis de la película

!Una Historia épica de la naturaleza y ciencia!
¡Esta bella película cuenta del recorrido de los científicos que revelaron el refugio de invierno de las Monarcas en México, probando así al mundo que era la migración más increíble en la tierra!!
¡Cinografía impresionante! (en Inglés)

Condado De McHenry-

Viernes 21 Agosto 7-8:15 pm

Lost Valley Visitor Center, Glacial Park, Harts Rd, Ringwood, IL.

Para residentes admisión es gratuita. Para no-residentes admisión son \$5. Para registrarse llame al 815.479.5779 o visite la pagina MCCDistrict.org

Condado De Walworth -

Sábado 22 Agosto 8:30-9:30 pm

Big Foot Beach State Park, Lake Geneva, WI.

Admisión es gratis con pago de estacionamiento.



FOH Monarch Initiative partners

The Monarch Committee

US Fish & Wildlife Service – Refuge Division & Chicago

McHenry County Conservation District

Environmental Defenders of McHenry County

Crystal Lake Park District

Creative Arts, INC

McSEEP – McHenry Co. Superintendent of Schools Enviro. Ed. Program

Loyola University Retreat & Ecology Center, Woodstock

Wildflower Propagation and Preservation Committee

Citizens Climate Lobby, McHenry

Conservation @ Home - The Land Conservancy

McHenry County Fair Board

Brookwood Middle School, Genoa City WI

Ancient Oaks Foundation

BeeKeepers, McHenry Co

IDOT

Movie Night at Big Foot Beach State Park

Flight of the Butterflies

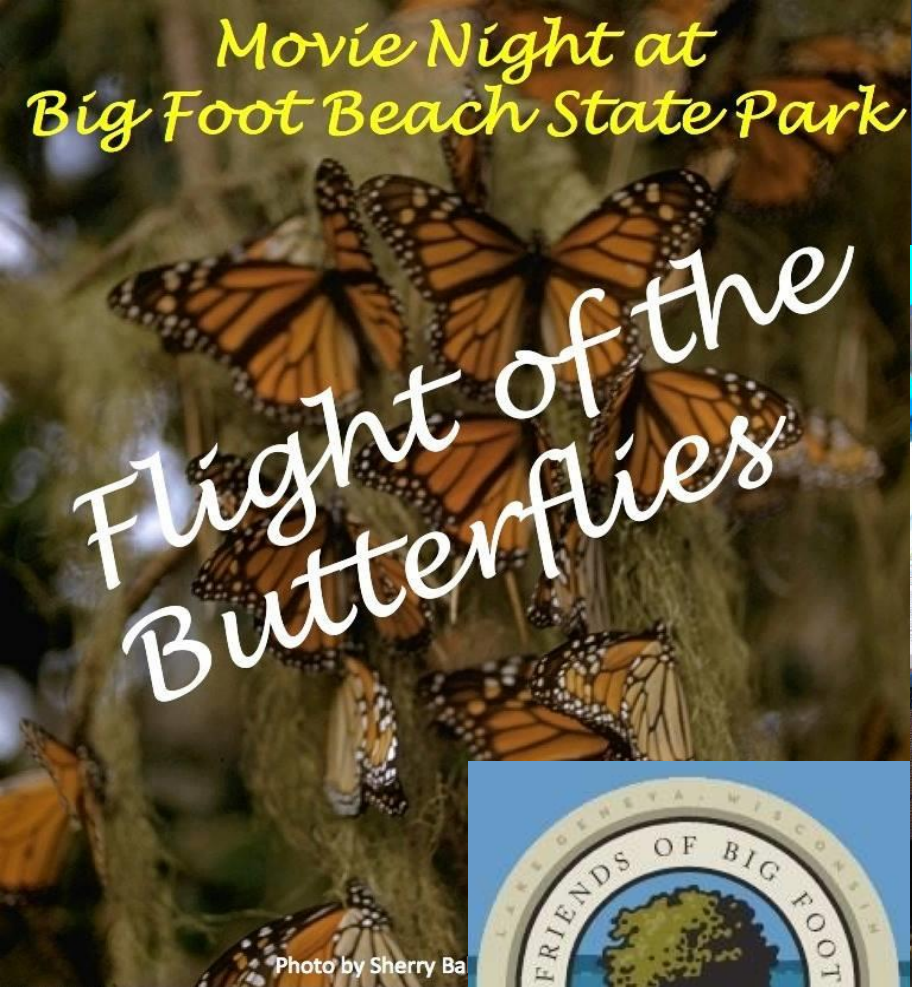


Photo by Sherry Ba

Aug. 22nd
Free with admis
Sponsore
Friends of Hackma



Monarch Mania



McHenry County
CONSERVATION DISTRICT

Monarch Mania Family Fun Fair





Inner City Outings





Sierra Club Illinois, The Pritzker School, The Friends, MCCD, Friends of Big Foot Beach State Park, Clearwater Outdoors, Lake Geneva





IN SEARCH OF EAGLES DAY

The Friends, Sierra Club Illinois, MCCD, IL DNR,
Cities of Algonquin, East Dundee, IL and Burlington, WI





YCC
MCCD, USFWS



RESTORATION WORKDAYS

Private Landowners, MCCD, IL DNR

IL Nature Preserves, DU, Openlands, and Volunteers



OUTREACH

Migratory Bird Days, Monarch Initiative, Eagle Days, Inner City Outings, Friends of Hackmatack public outreach meetings and Nature Center/Library displays, Cities:



3000+

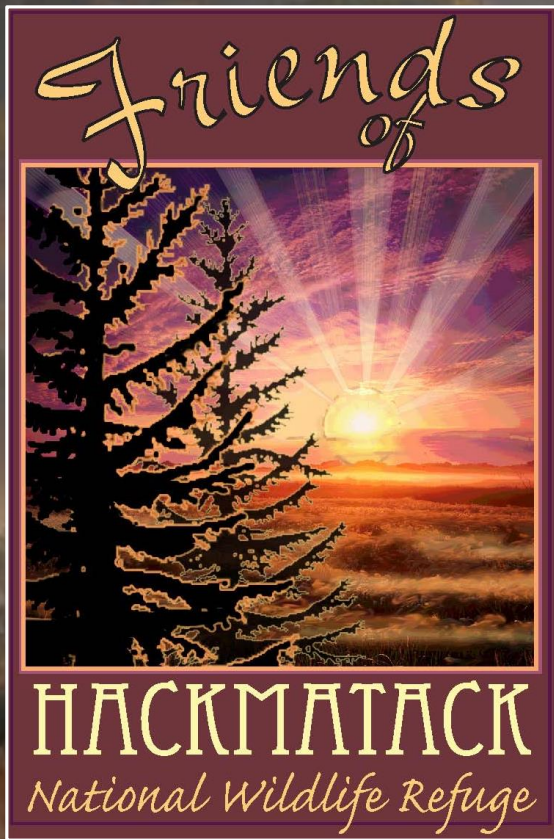
Partners:

25+

MOVING FORWARD

Applying for grants:

- Land Protection Partners
 - NAWCA small grant short list
 - Continue work on Large NAWCA
 - Continue individual and partnering funding efforts
- Friends of Hackmatack and Partners – Outreach/Restoration
 - Continue/expand Outreach coordination with USFWS
 - Participate/encourage citizen stewardship efforts
 - NFWF 5-Star application for outreach materials (Monarch & pollinator, native plants focus) and habitat restoration in Hackmatack NWR areas.
 - Potential NFWF Monarch Fund grant application in coordination with Field Museum/UIC ROW group
 - Look for Federal funding opportunities



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Friends of Hackmatack NWR

info@hackmatacknwr.org

Follow on FACEBOOK

<http://www.hackmatacknwr.org/>

<http://www.fws.gov/midwest/planning/hackmatack/>