

THE CONSERVATION FUND

America's Partner in Conservation



Green Infrastructure
Peg Kohring
The Conservation Fund

Overview

- 
- **The Conservation Fund**
 - **Green Infrastructure**
 - Definition
 - Examples
 - **Your questions**

The Conservation Fund forges partnerships to conserve America's legacy of land and water resources.



Through land acquisition, community and economic development, and training and education, the Fund and its partners demonstrate balanced conservation solutions that emphasize the integration of economic and environmental goals.

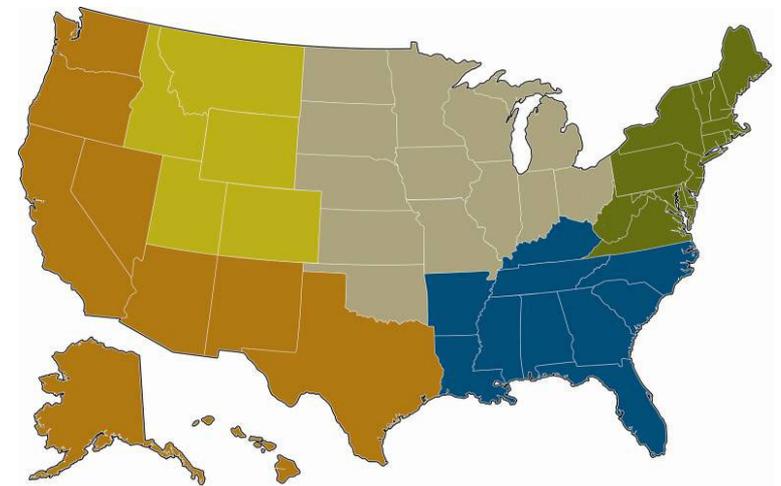


RESULTS

Acres Protected to Date	5.5 million
Fair Market Value	\$3 billion
Conservation Programs	96%
Fundraising Costs	1%

RECOGNITION

A+ Rating	American Institute of Philanthropy
Four Star Rating	Charity Navigator



Introduction to Green Infrastructure Concepts and Values





The Challenge of Growing Communities

What's needed? Tools to be more strategic!



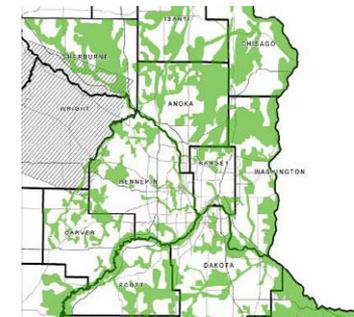
Which lands to conserve?



Where to construct roads & utilities?



Where to permit development?



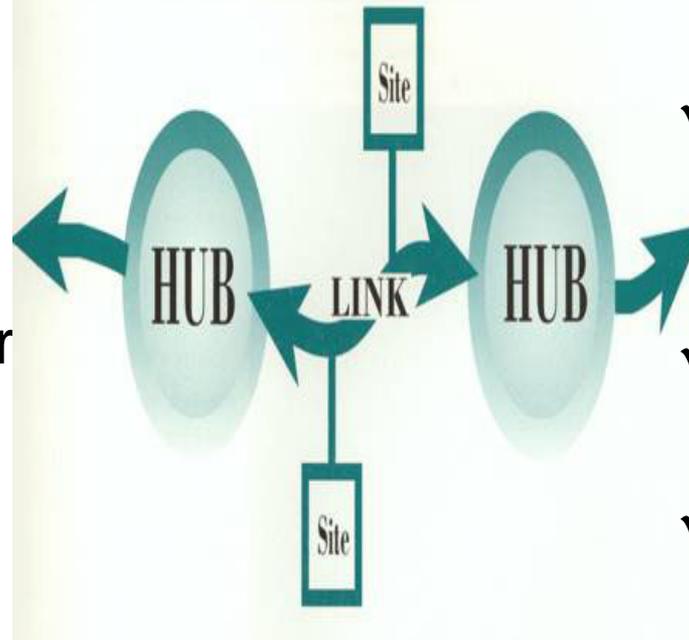
A framework to integrate & inform!

Green Infrastructure – What Is It?

“Strategically planned and managed networks of natural lands, working landscapes and other open spaces that conserve ecosystem values & functions and provide associated benefits to human populations”



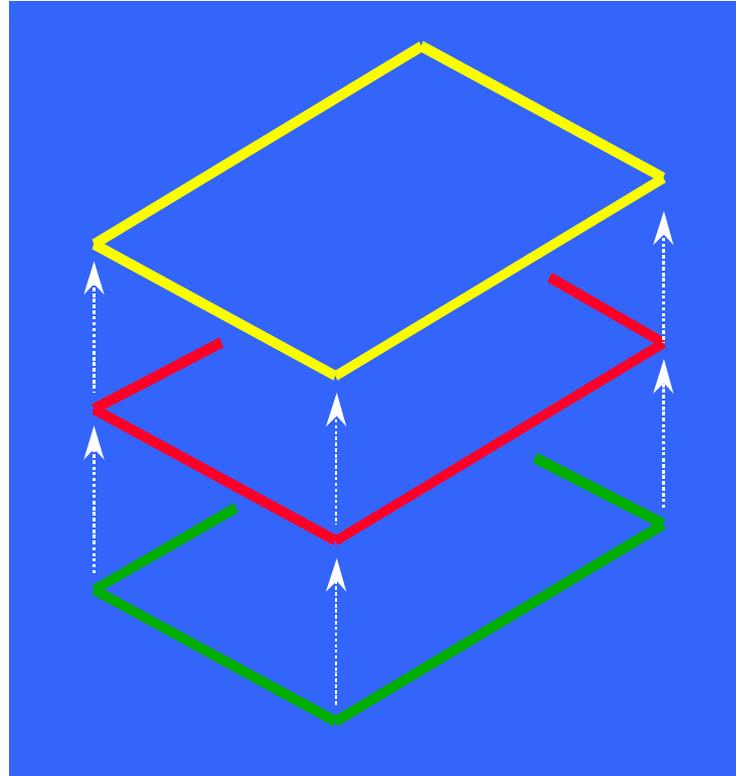
- ✓ **Hubs** – anchor the system
- ✓ **Links** – tie the system together
- ✓ **Sites** – smaller areas, may not be attached



- ✓ **Landscapes** - urban, suburban, rural & wild
- ✓ **Lands** - public, private & non-profit
- ✓ **Scales** - statewide, regional & community

Green Infrastructure Network

Lands that Support
Natural Ecosystem
Values and Functions



Lands that Support Natural Ecosystem Values and Functions

- ✓ **Ecological Communities with Natural or Restored Features (e.g. Forest, Wetland)**
- ✓ **Fish & Wildlife Resources**
- ✓ **Watersheds/Water Resources (aquifer, storm water retention, flood reduction)**
- ✓ **Working landscapes (Farmland)**

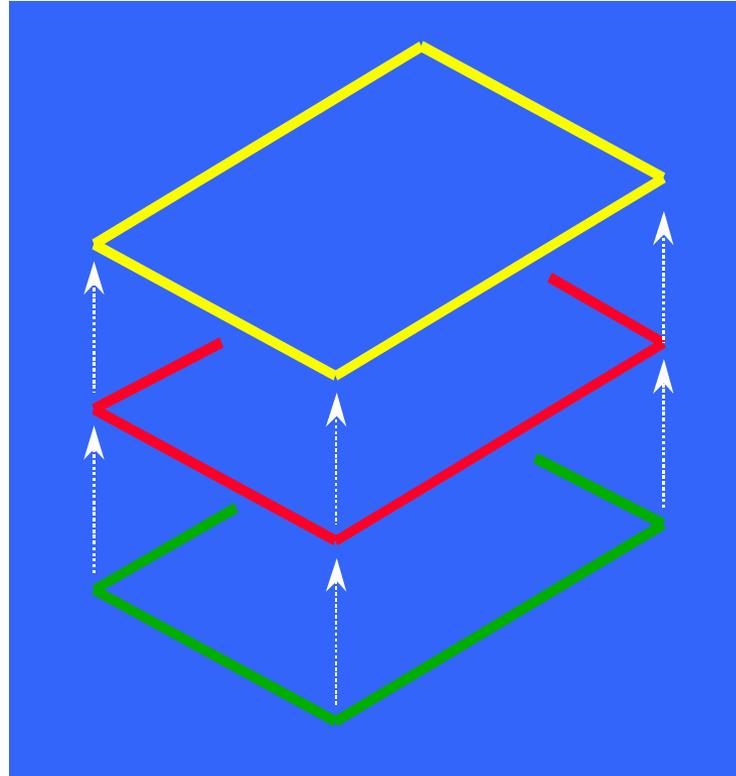


Green Infrastructure – What Is It?

Green Infrastructure Network

Lands that Provide Associated Benefits for Human Populations

Lands that Support Natural Ecosystem Values and Functions



Lands that Provide Associated Benefits to Human Populations

- ✓ **Recreation & Health (e.g. Parks, Trails & Greenways)**
- ✓ **Cultural Resources (e.g. Historic Sites, Educational Sites)**
- ✓ **Growth Pattern and Character (e.g. Greenbelts, Viewsheds, Commons)**
- ✓ **Working Lands with Economic Values (e.g. Farms, Managed Forests, Ranches)**



A science-based process that brings together:

- ✓ Natural resource, land planning and built infrastructure professionals
- ✓ Elected and appointed officials
- ✓ The interested public

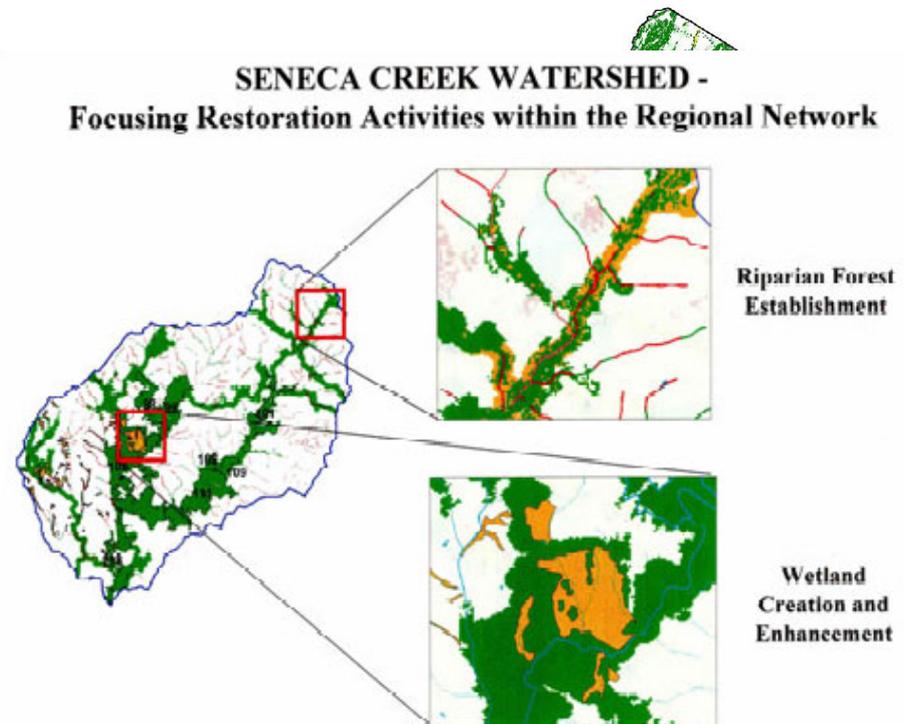


Inform, involve, and seek community input on your green infrastructure network design and



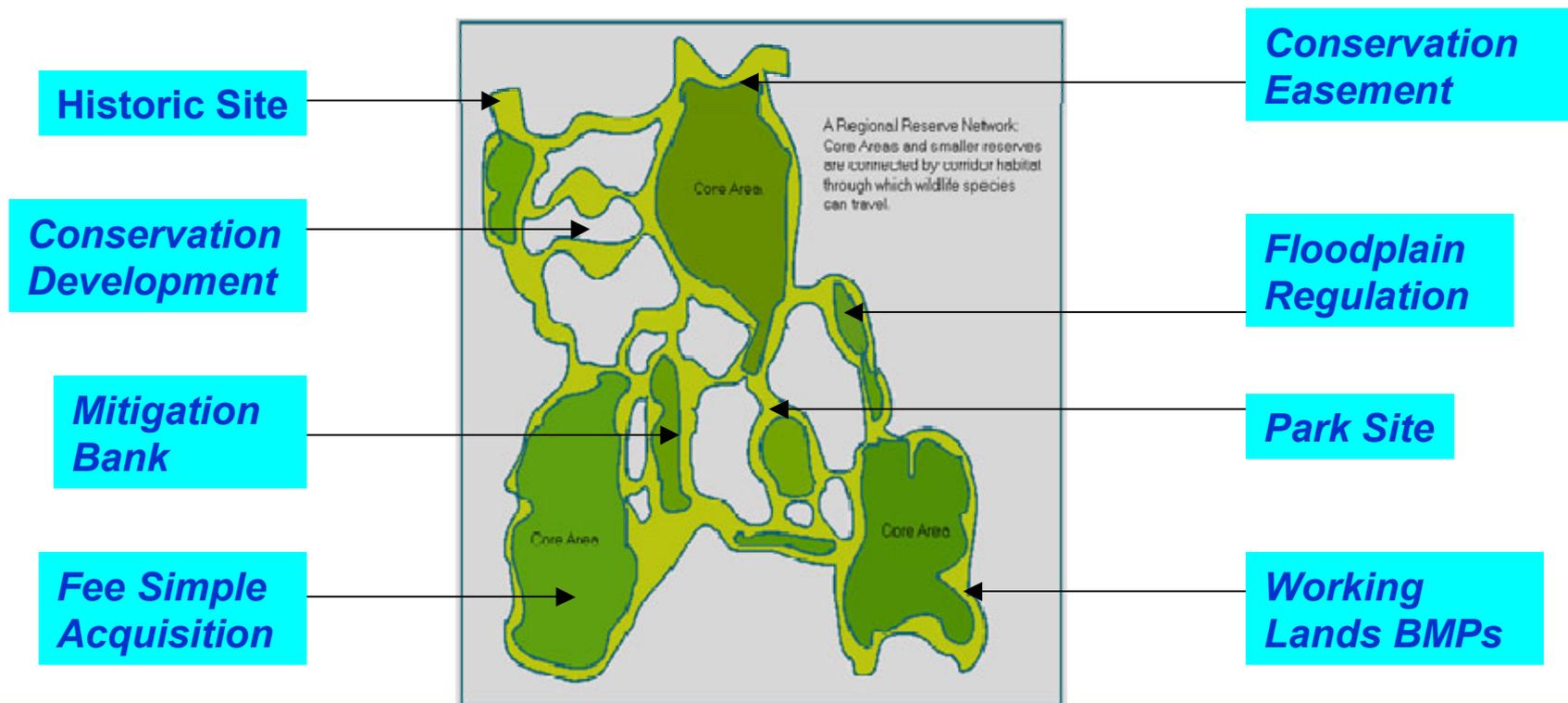
Design a green infrastructure network to link components across scales & political boundaries

- ✓ Evaluate network elements based on their relative values and vulnerability
- ✓ Identify restoration & long-term management needs to ensure the network's viability



Green Infrastructure Implementation Quilt:

- ✓ Match financial, management and other identified tools & programs to the different elements of your network



Saginaw Bay Greenways Collaborative, Michigan

“A Vision of Green”



Keys to Success – Leadership Group

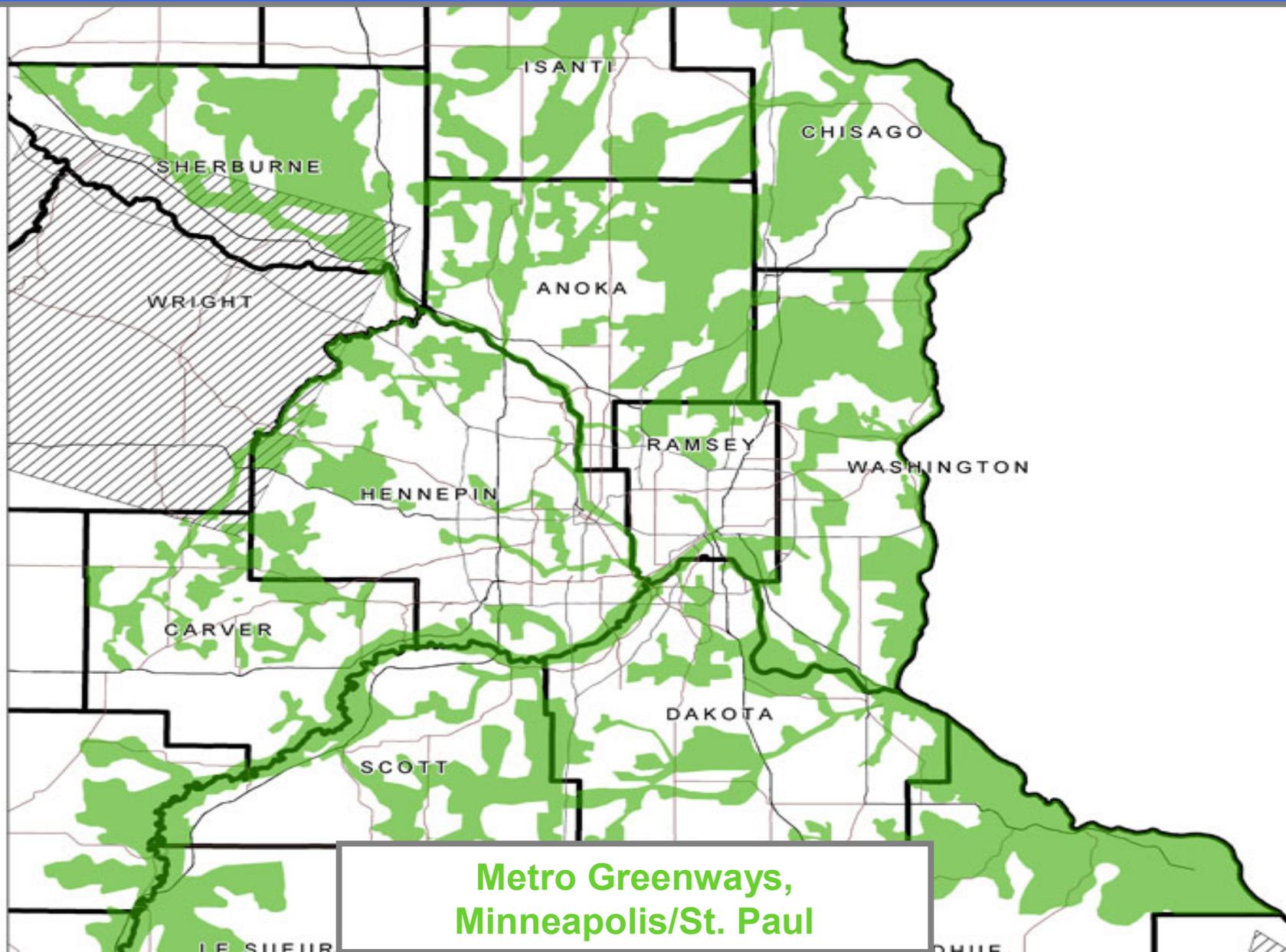
Saginaw Bay Greenways Collaborative (13 Members)

- Saginaw County Planning, Bay County Environmental Affairs & Community Development, Midland County Parks
- Saginaw Basin Land Conservancy & Little Forks Conservancy
- Bay Area Community Development
- East Central Michigan Planning & Development Region
- NPS Rivers, Trails and Conservation Assistance
- The Conservation Fund & Ducks Unlimited

Technical Advisory Committee (32 Members)

(MDNR, MDEQ, MDOT, USFWS, MSU, TCF, TPL, RTC & Local Conservation, Recreational, Historical & Business Groups)

Metro Greenways



THE CONSERVATION FUND

America's Partner in Conservation

MMSD's Greenseams Program



THE CONSERVATION FUND

THE CONSERVATION FUND

America's Partner in Conservation

MMSD has responsibility to manage flooding



THE CONSERVATION FUND

America's Partner in Conservation

Structural Flood Reduction





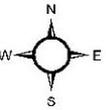
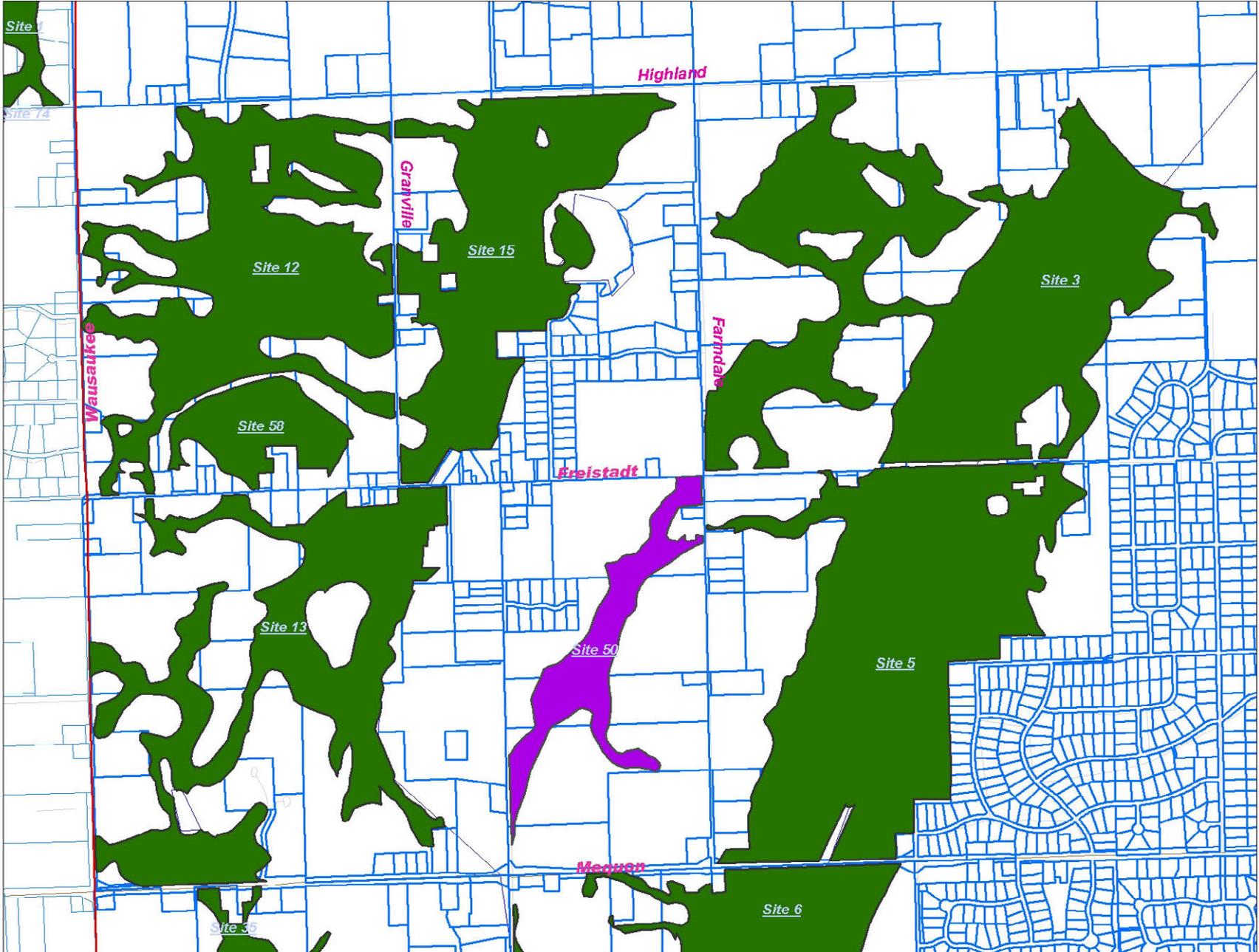
Challenge:

Rainwater needs to go somewhere

Water Absorbing (Hydric) Soils

- Hold Water After Rain And Gradually Release Waters**

Mequon Opportunities



Legend

- Conservation Plan Sites
 - High Priority
 - Lower Priority
 - Ozaukee_parcels

Landowner Contact

- **Letter Requesting Visit**
- **Independent Appraisal Completed**
- **Offer fair market value**
- **Open houses**



- 
- **\$18 Million Budgeted**
 - **Greenseams Program runs 2003-2011**

Total Project Results to Date

- **1,160 Acres acquired**
- **\$8,955,104 spent on acquisition**
- **38 properties acquired**
- **\$1,498,854 in grants for restoration and acquisition**

Compatible Uses for Greenseams Sites

- Open Space
- Hiking Trails
- Greenways



- **MMSD transfers property to local governments and retains a conservation easement**
- **Property restored to native vegetation prior to transfer-partnership with USFWS**



Green Infrastructure Is Nature Working for You!

**24 Hours a Day!
7 Days a Week!
52 Weeks a Year!**





• **Your questions**