



Onterra LLC
 Lake Management Planning
 815 Prosper Rd
 De Pere, WI 54115
 920.338.8860
 www.onterra-eco.com

Sources:
 Roads and Hydro; WDNR
 Map Date: June 1, 2012
 Filename: Map1_TwoSisters_Location.mxd

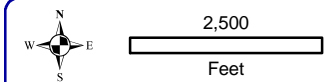
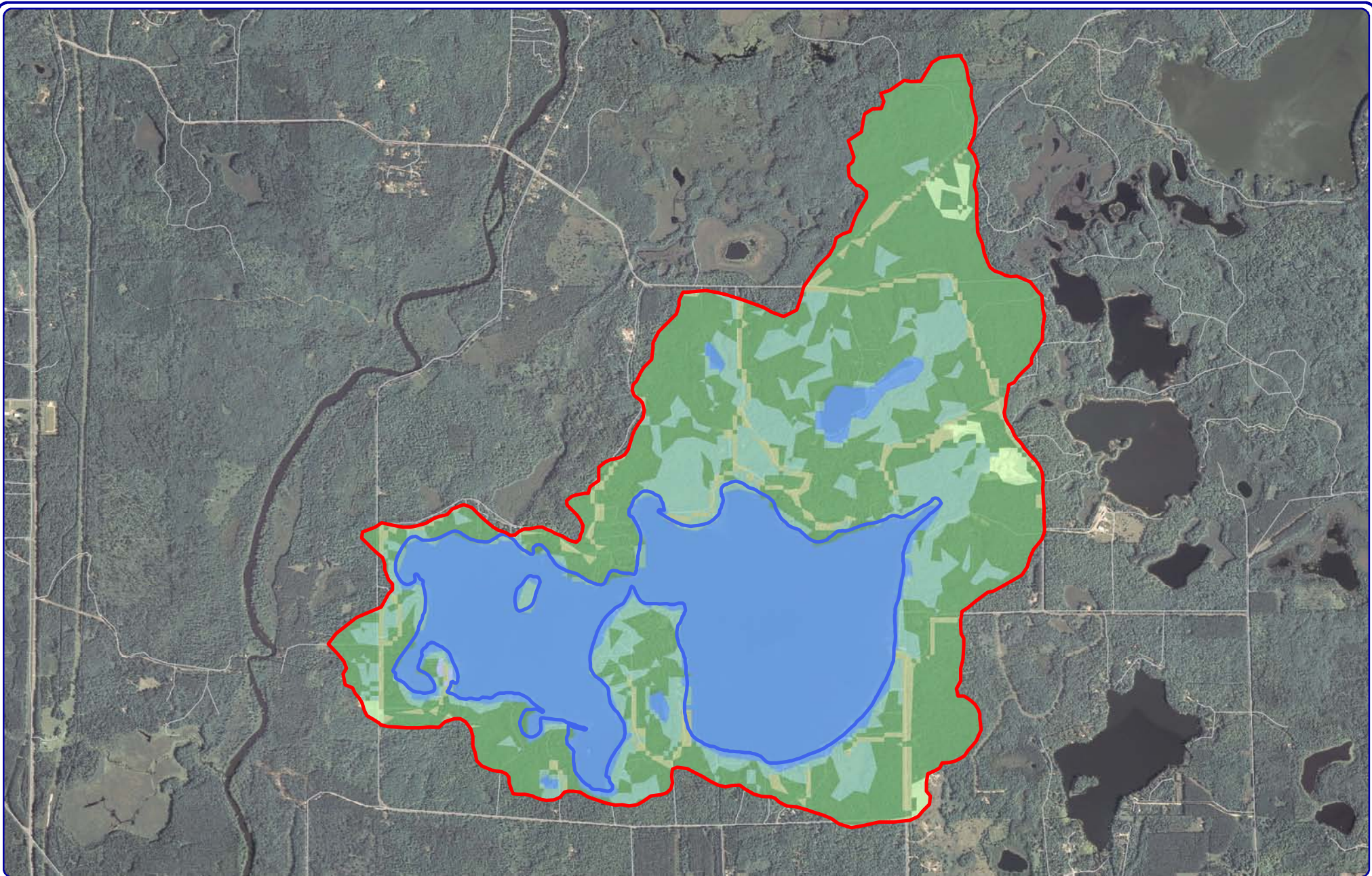


Project Location in Wisconsin

Legend

-  Two Sisters Lake ~ 719 Acres
WDNR Definition
-  Point-Intercept Survey Location
41-meter spacing, 1,734 total points
-  Water Quality Sampling Location
-  Public Access

Map 1
 Two Sisters Lake
 Oneida County, Wisconsin
**Project Location &
 Lake Boundary**



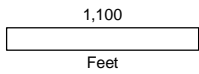
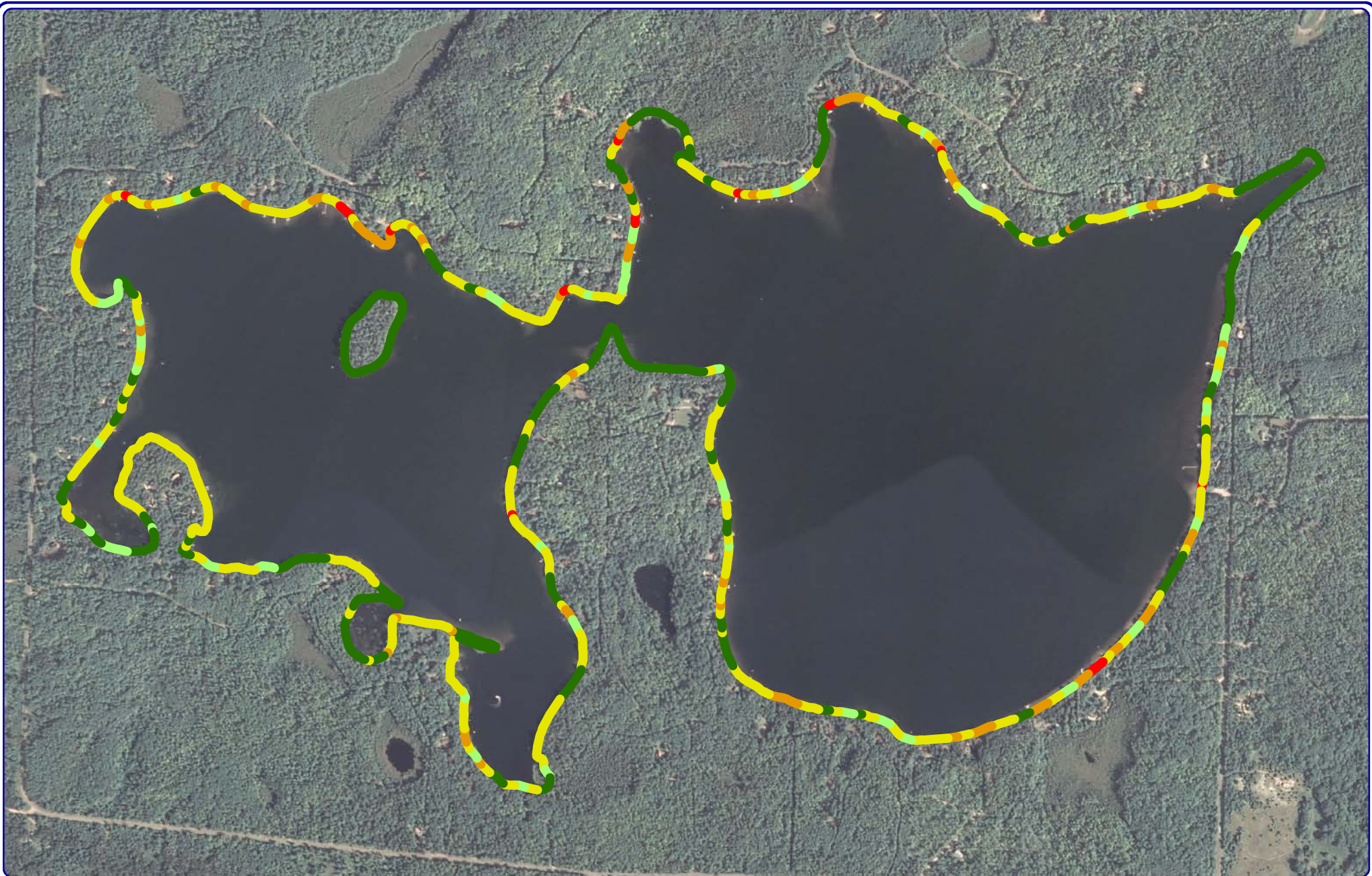
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- Legend**
- | | | |
|-------------------|-------------------|----------------------|
| Forest | Rural Open Space | Wetland |
| Forested Wetlands | Rural Residential | Row Crop Agriculture |
| Pasture/Grass | Open Water | Watershed Boundary |

Map 2
 Two Sisters Lake
 Oneida County, Wisconsin
**Watershed and
 Land Cover Types**



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Sources:
 Orthophotography: NAIP, 2010
 Shoreline Assessment: Onterra, 2011
Map date: June 19, 2012
 Filename: Map3_TwoSisters_SA.mxd

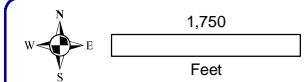
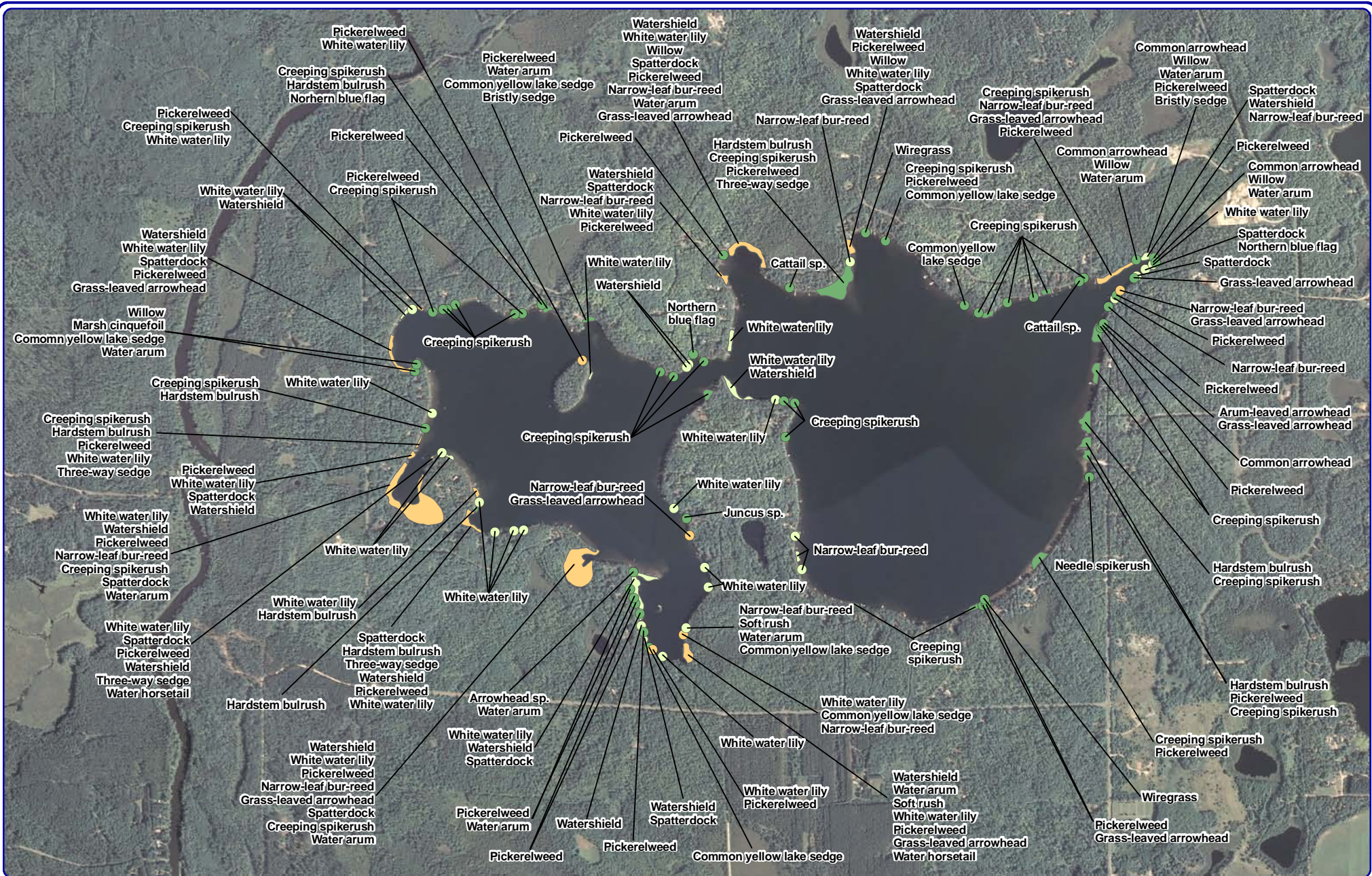


Project Location in Wisconsin

Legend

- Natural/Undeveloped
- Developed-Natural
- Developed-Semi-Natural
- Developed-Unnatural
- Urbanized

Map 3
Two Sisters Lake
 Oneida County, Wisconsin
Shoreline
Condition



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Sources:
 Aquatic Plants: Onterra, 2011
 Orthophotography: NAIP, 2010
 Map date: November 28 2011
 Filename: Map4_TwoSisters_Comm_2011.mxd



Legend

Small Plant Communities

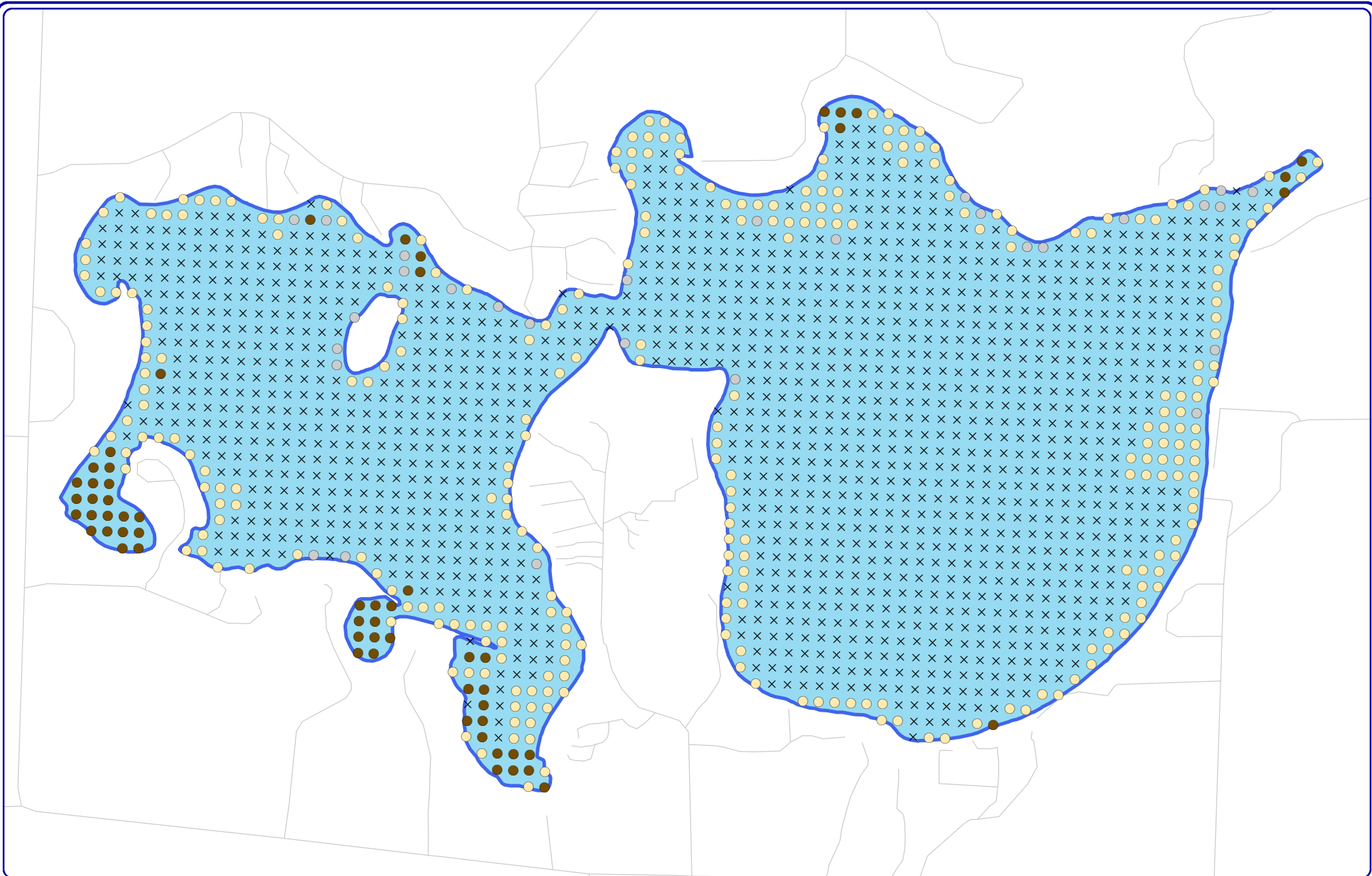
- Emergent
- Floating-leaf
- Mixed Floating-leaf & Emergent

Large Plant Communities

- Emergent
- Floating-leaf
- Mixed Floating-leaf & Emergent

Map 4

Two Sisters Lake
 Oneida County, Wisconsin
Aquatic Plant Communities



1,100



Feet

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Sources:

Orthophotography: NAIP, 2010
 Shoreline Assessment: Onterra, 2011

Map date: June 19, 2012

Filename: Map5_TwoSisters_Sed.mxd

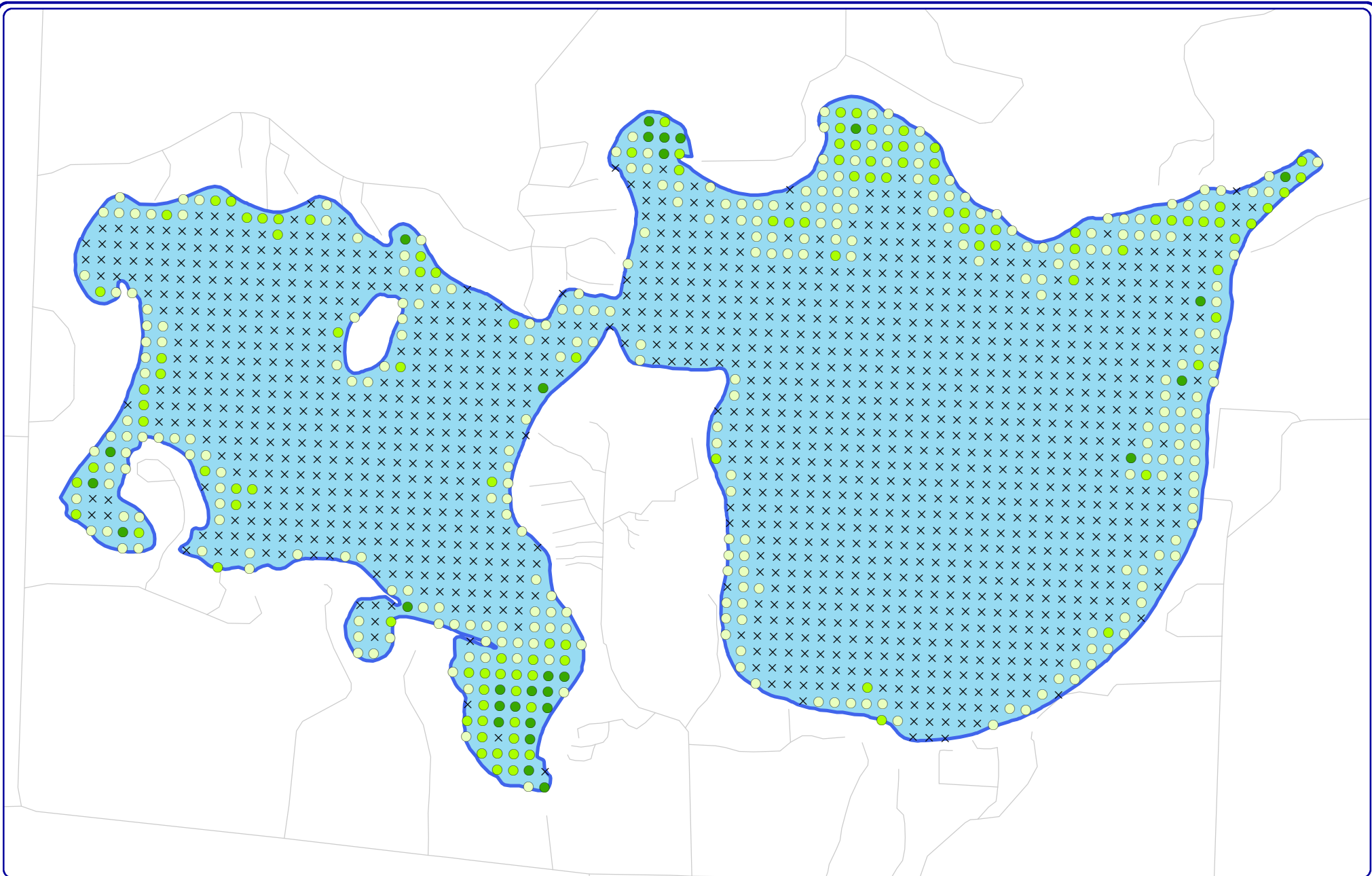


Project Location in Wisconsin

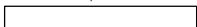
Legend

- Rock
- Muck
- Sand
- × Too deep / Undetermined

Map 5
Two Sisters Lake
 Oneida County, Wisconsin
Sediment Types at
Point-Intercept Locations



1,100



Feet

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Sources:

Orthophotography: NAIP, 2010
Shoreline Assessment: Onterra, 2011

Map date: June 19, 2012

Filename: Map6_TwoSisters_TRE.mxd



Project Location in Wisconsin

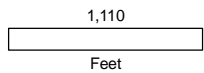
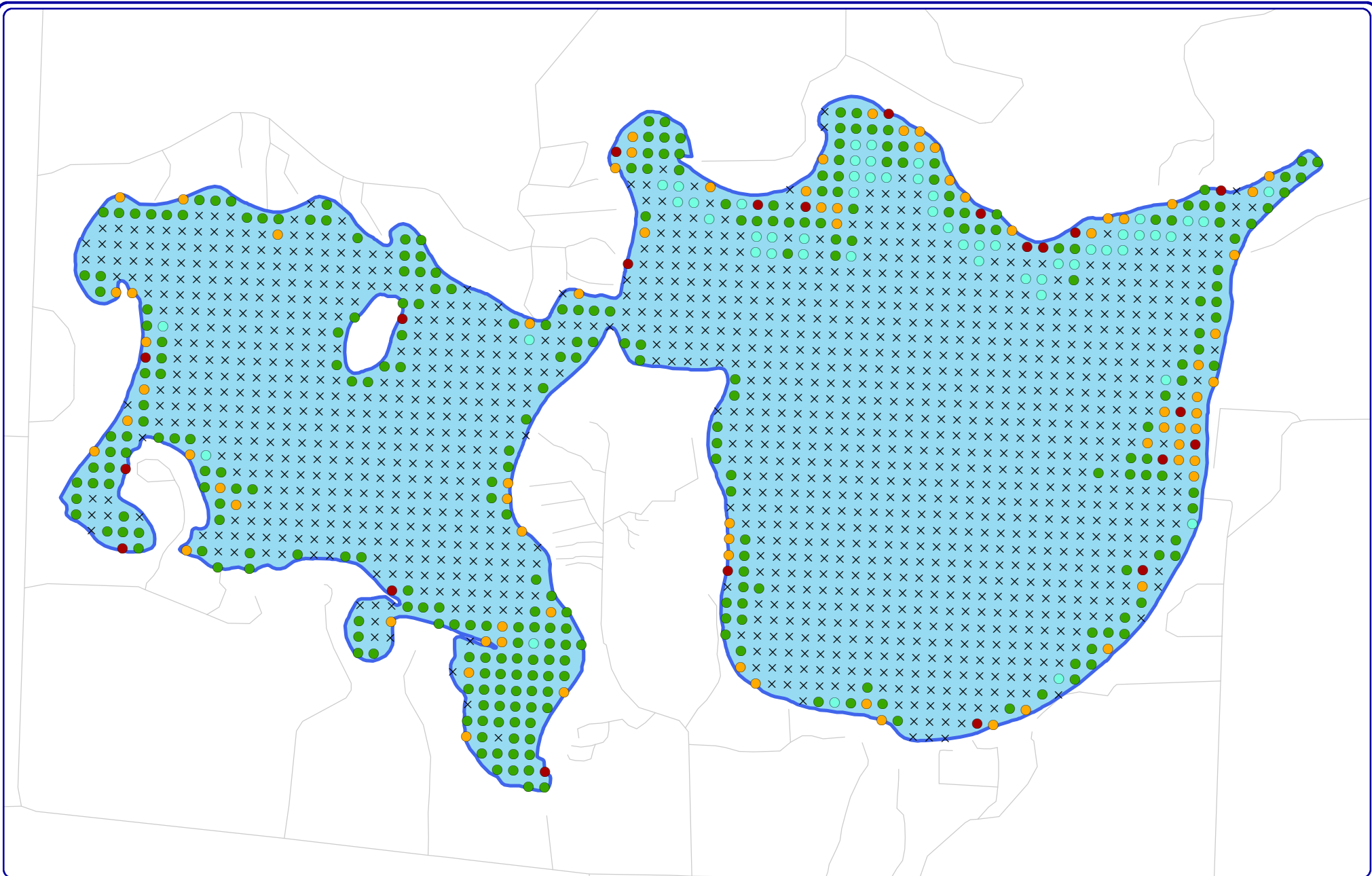
Legend

- Rake fullness = 1
- Rake fullness = 2
- Rake fullness = 3
- × No vegetation

Map 6

Two Sisters Lake
Oneida County, Wisconsin

Point-Intercept Survey
Rake Fullness



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Sources:
 Orthophotography: NAIP, 2010
 Shoreline Assessment: Onterra, 2011
Map date: June 19, 2012
 Filename: Map7_TwoSisters_SpLoc.mxd



Project Location in Wisconsin

Legend

- Isoetid Species
- Elodeid Species
- Both Elodeid and Isoetid Species
- Characean Species
- × No vegetation

Map 7
Two Sisters Lake
 Oneida County, Wisconsin
Plant Species at
Point-Intercept Locations