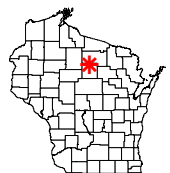


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Sources:
 Roads and Hydro: WDNR
 Bathymetry: Onterra, 2014
 Map Date: April 7, 2014
 Filename: Map1_HML_Location.mxd

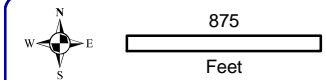
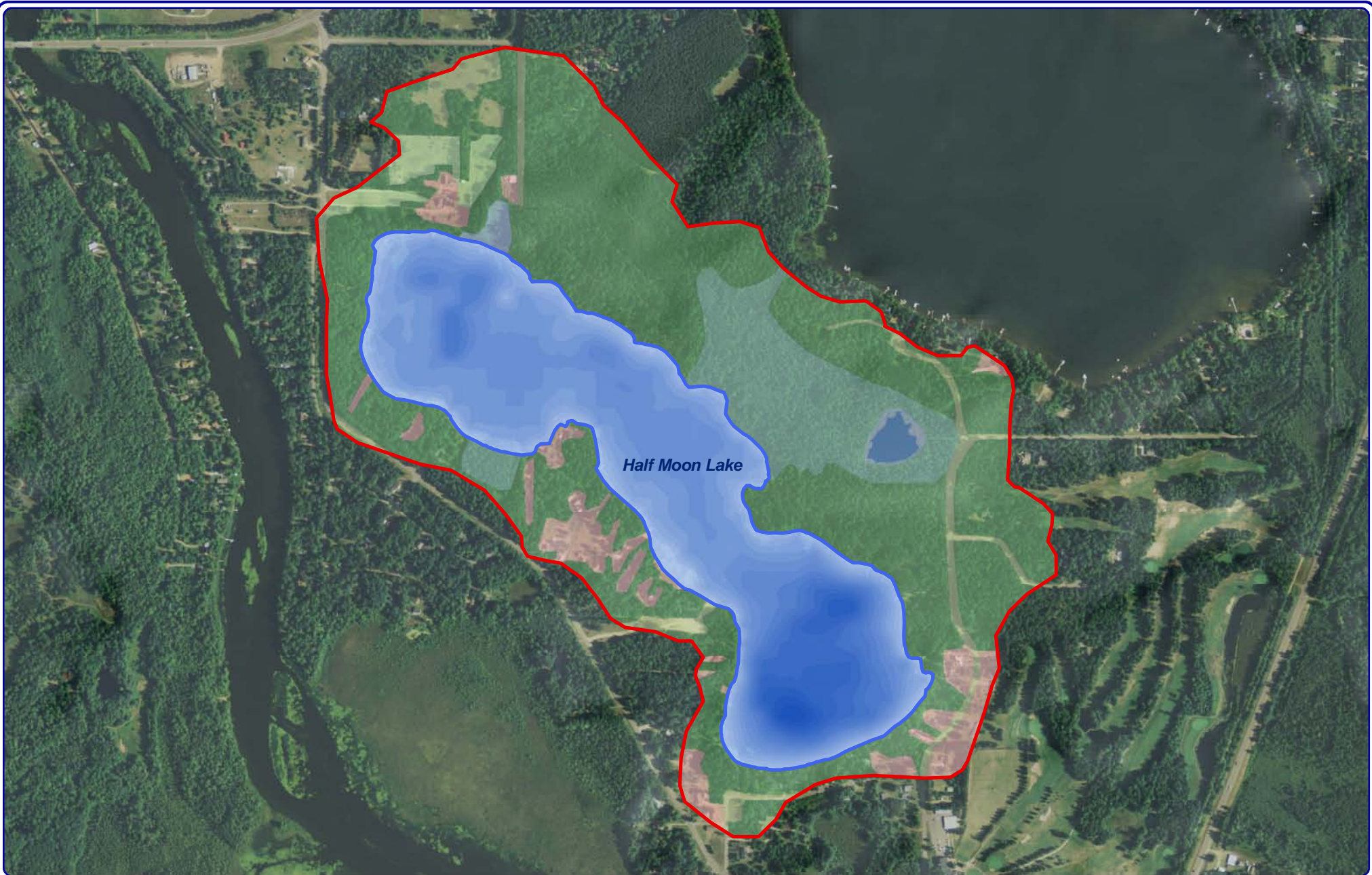


Project Location in Wisconsin

Legend

- Half Moon Lake ~104 acres
- Public Boat Landing
- Point-Intercept Survey Location
37-meter spacing, 311 total points
- Water Quality Sampling Location

Map 1
 Half Moon Lake
 Lincoln County, Wisconsin
**Project Location &
 Lake Boundaries**



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Sources:
 Roads and Hydro: WDNR
 Bathymetry: Onterra, 2014
 Orthophotography: NAIP, 2013
 Map Date: April 7, 2014
 Filename: Map2_HML_WS.mxd



Project Location in Wisconsin

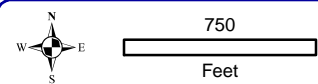
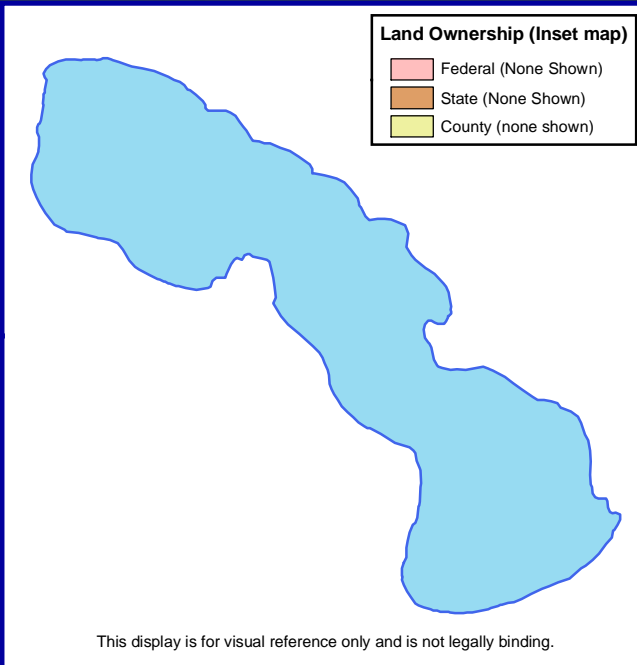
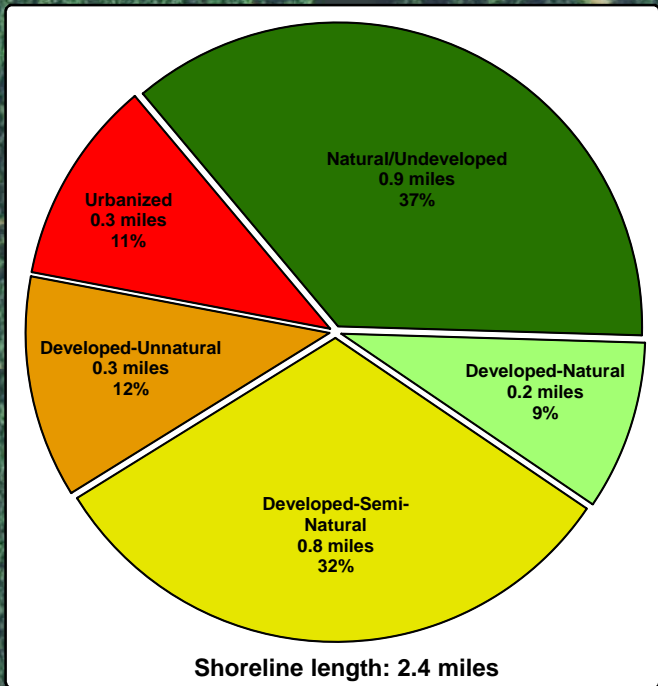
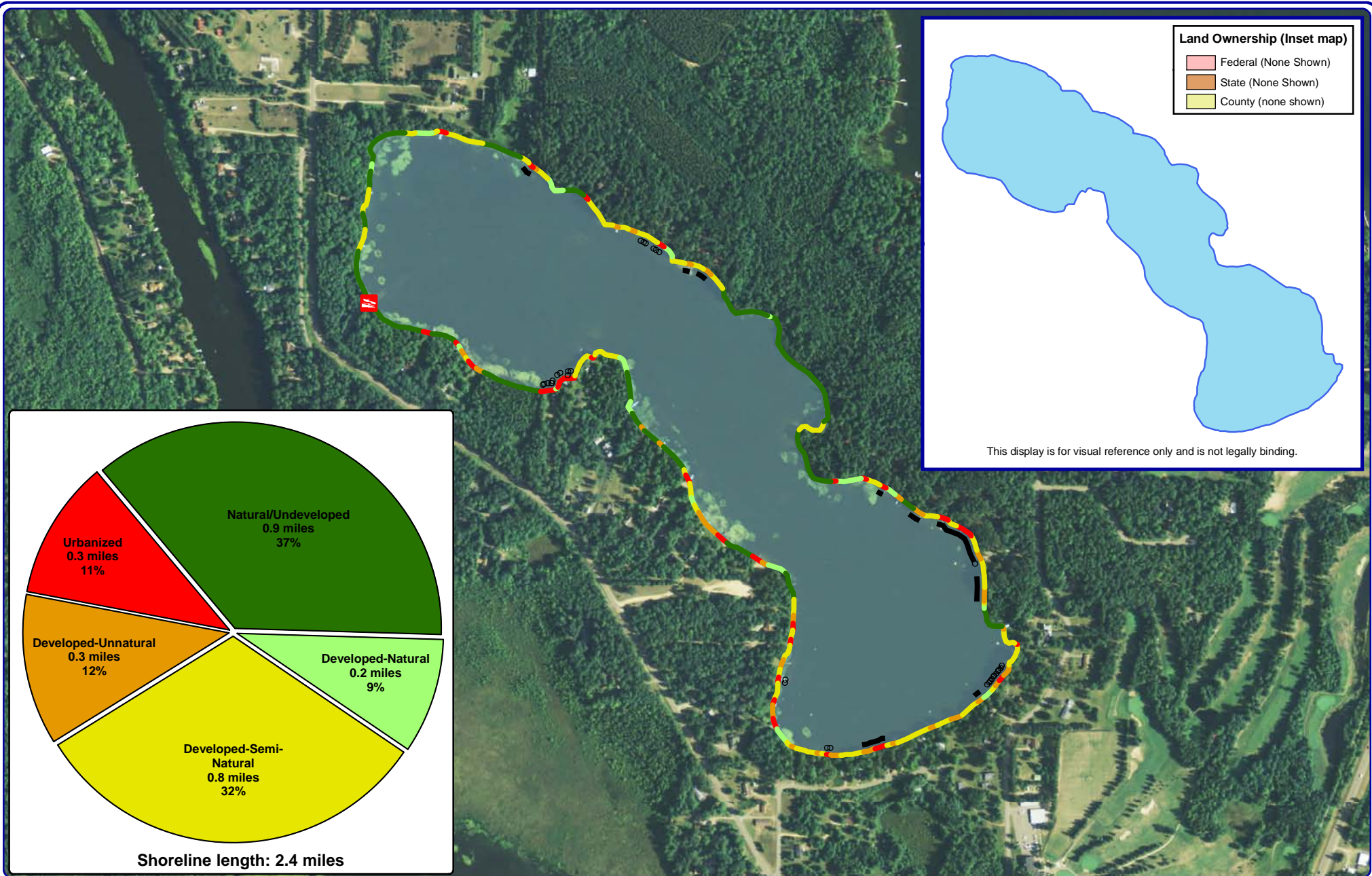
-  Half Moon Lake Watershed Boundary
-  Half Moon Lake

Legend

Land Cover Types

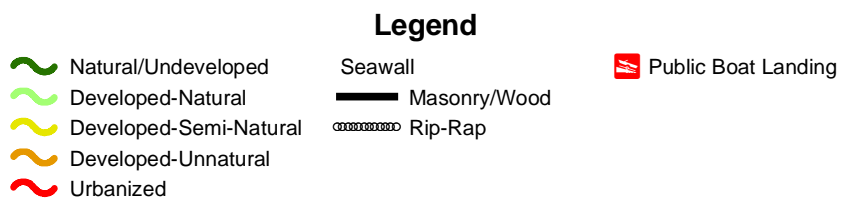
-  Forest
-  Forested Wetlands
-  Wetlands
-  Rural Open Space
-  Pasture/Grass
-  Rural Residential

Map 2
 Half Moon Lake
 Lincoln County, Wisconsin
**Watershed Boundaries
 & Land Cover Types**

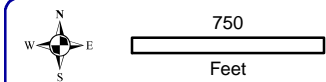
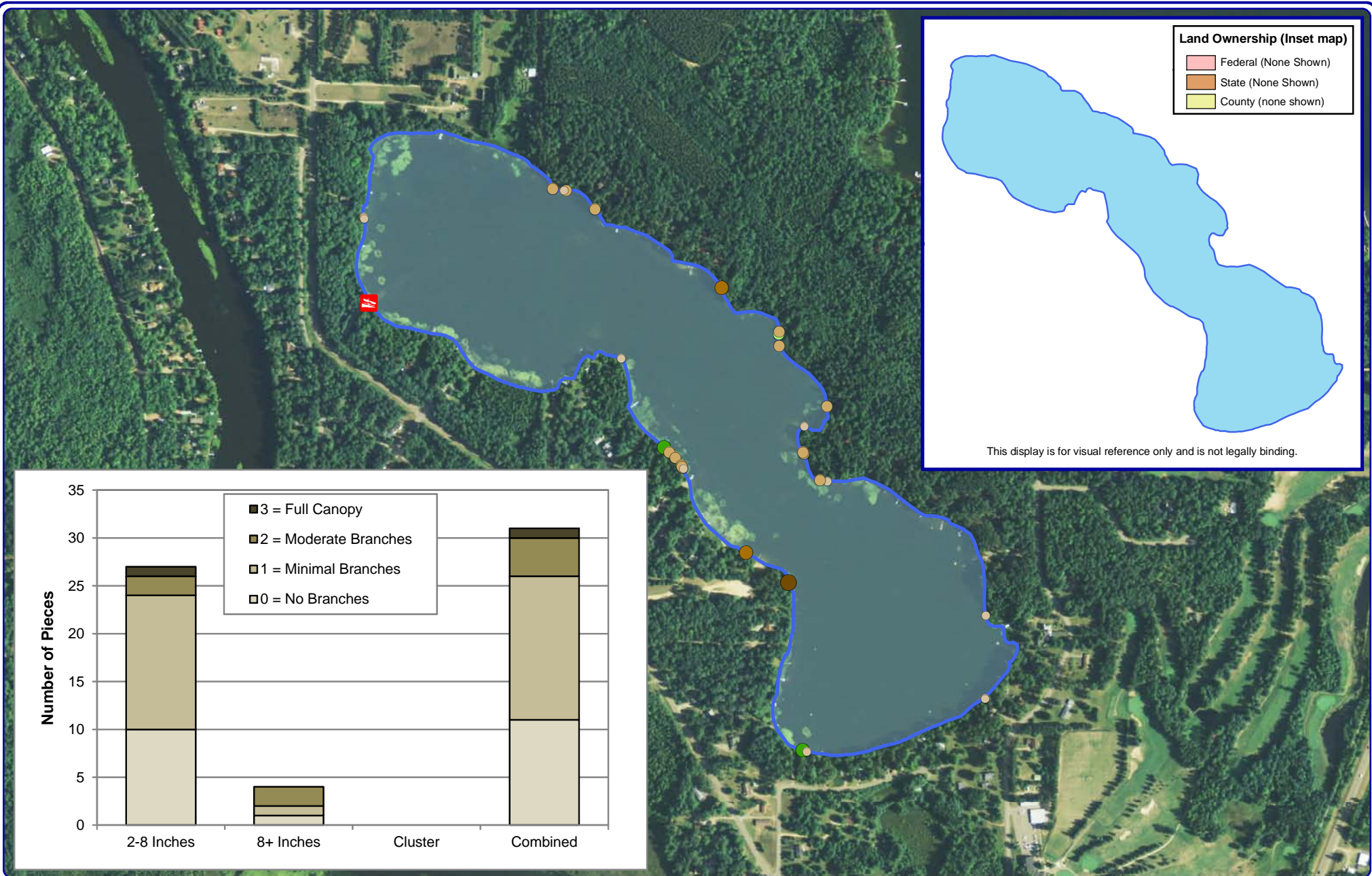


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Sources:
 Roads and Hydro: WDNR
 Shoreline Survey: 2014
 Orthophotography: NAIP, 2013
 Map Date: April 7, 2014
 Filename: Map3_HML_SCA.mxd



Map 3
Half Moon Lake
 Lincoln County, Wisconsin
2014 Shoreland
Condition Assessment



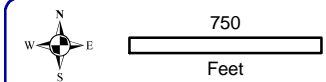
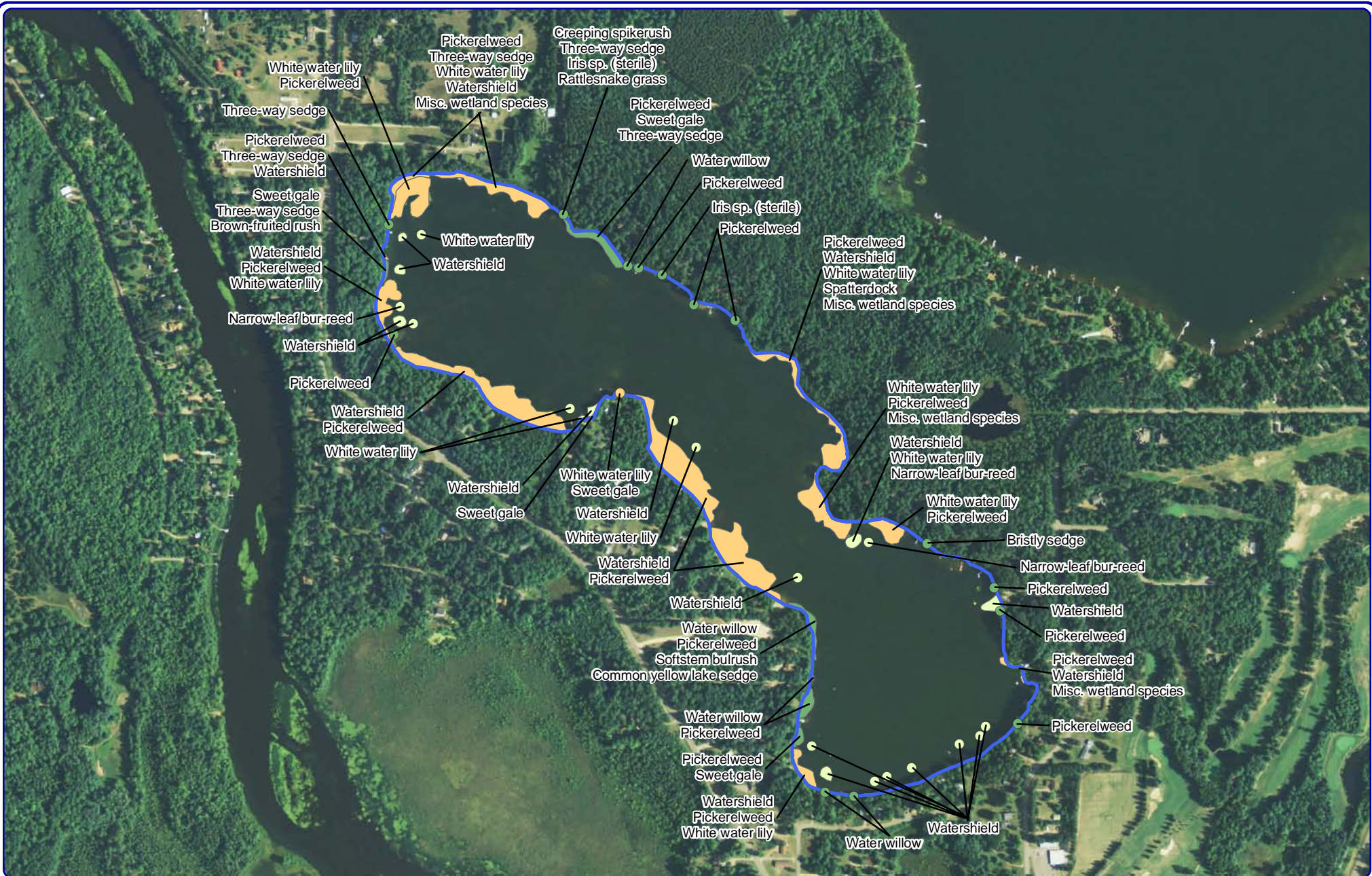
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Sources:
 Roads and Hydro: WDNR
 Shoreline Survey: 2014
 Orthophotography: NAIP, 2013
 Map Date: April 7, 2014
 Filename: Map4_HML_CWH.mxd



- No Branches
- Minimal Branches
- Moderate Branches
- Full Canopy
- No Branches
- Minimal Branches
- Moderate Branches (None)
- Full Canopy

Map 4
 Half Moon Lake
 Lincoln County, Wisconsin
**2014 Coarse
 Woody Habitat**



Project Location in Wisconsin

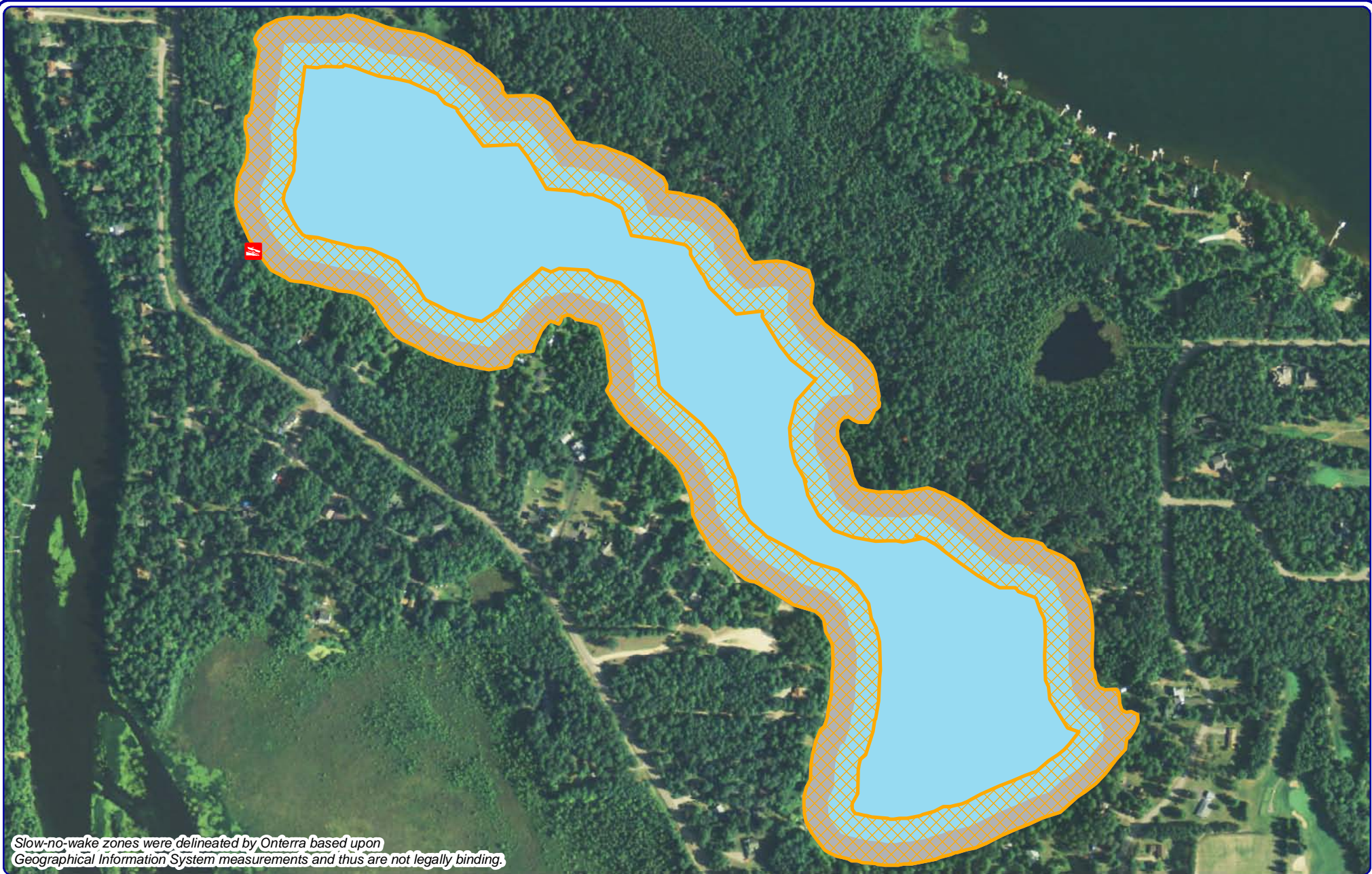
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Sources:
 Hydro: WDNR
 Plant Survey: Onterra, 2014
 Orthophotography: NAIP, 2013
 Map Date: September 29, 2014
 Filename: Map5_HML_Comm.mxd

Legend

- | Small Plant Community | Large Plant Community |
|----------------------------------|--------------------------------|
| ● Emergent | Emergent |
| ○ Floating-leaf | Floating-leaf |
| ● Mixed Emergent & Floating-leaf | Mixed Emergent & Floating-leaf |

Map 5
 Half Moon Lake
 Lincoln County, Wisconsin
**2014 Emergent & Floating-Leaf
 Aquatic Plant Communities**



Slow-no-wake zones were delineated by Onterra based upon Geographical Information System measurements and thus are not legally binding.







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Sources:
 Roads and Hydro: WDNR
 Map Date: July 14, 2015
 Filename: Map6_HML_SNW.mxd



Project location shown in red.

Legend

-  Half Moon Lake ~ 105 acres
WDNR Definition
-  Motorized Boat Slow-No-Wake Area (100 ft)*
-  Public Access
-  Personal Watercraft Slow-No-Wake Area (200 ft)*

* 100 and 200 ft measurements from shoreline at ordinary high water mark (OHWM)

Map 6
 Half Moon Lake
 Lincoln County, Wisconsin
Wisconsin Act 31
Slow-No-Wake Zones