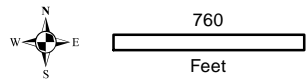
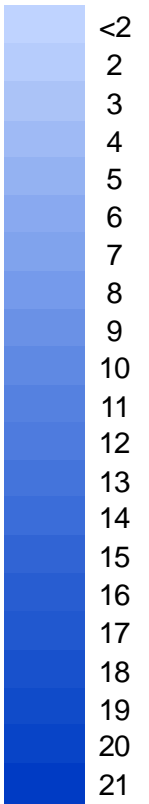
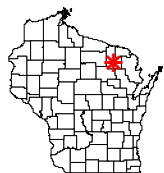


Depth Contour (Feet)



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

Sources:
 Roads and Hydro: WDNR
 Bathymetry: Onterra, 2014
 Map Date: April 1, 2014
 Filename: Map1_SilverForest_Location.mxd



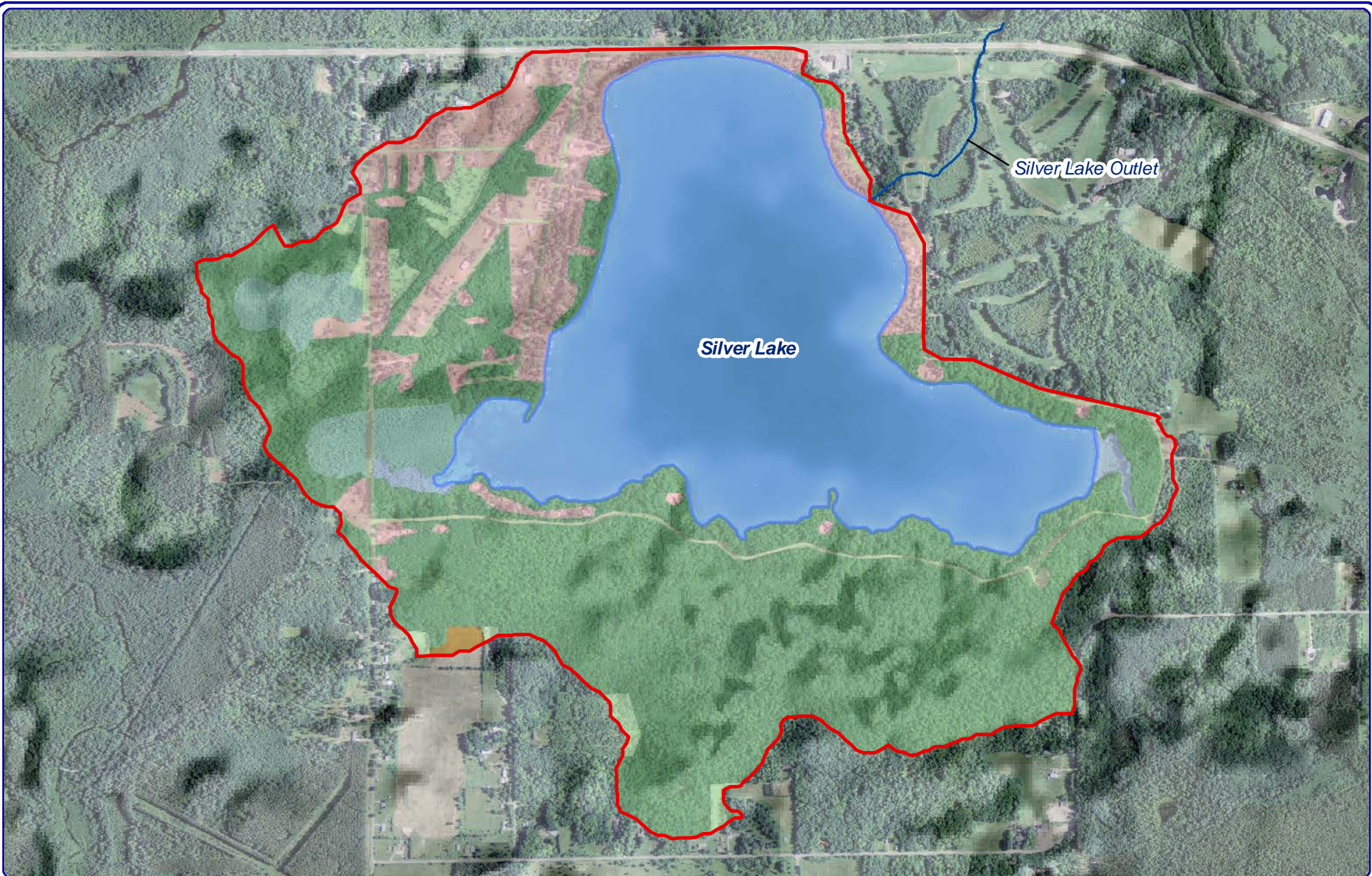
Project Location in Wisconsin

Legend

- Silver Lake ~320 acres
WDNR Definition
- Point-Intercept Survey Location
52-meter spacing, 479 total points

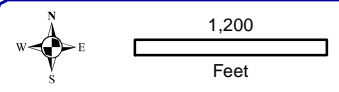
- Public Boat Landing
- Public Beach
- Water Quality Sampling Location

Map 1
Silver Lake
 Forest County, Wisconsin
Project Location & Lake Boundaries



Silver Lake Outlet



Silver Lake










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 Lake Management Planning
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Sources:
 Hydro: WDNR
 Land Cover: NLCD, 2006
 Bathymetry: Onterra, 2014
 Orthophotography: NAIP, 2013
 Map Date: August 4, 2014
 Filename: Map2_Silver_WS.mxd

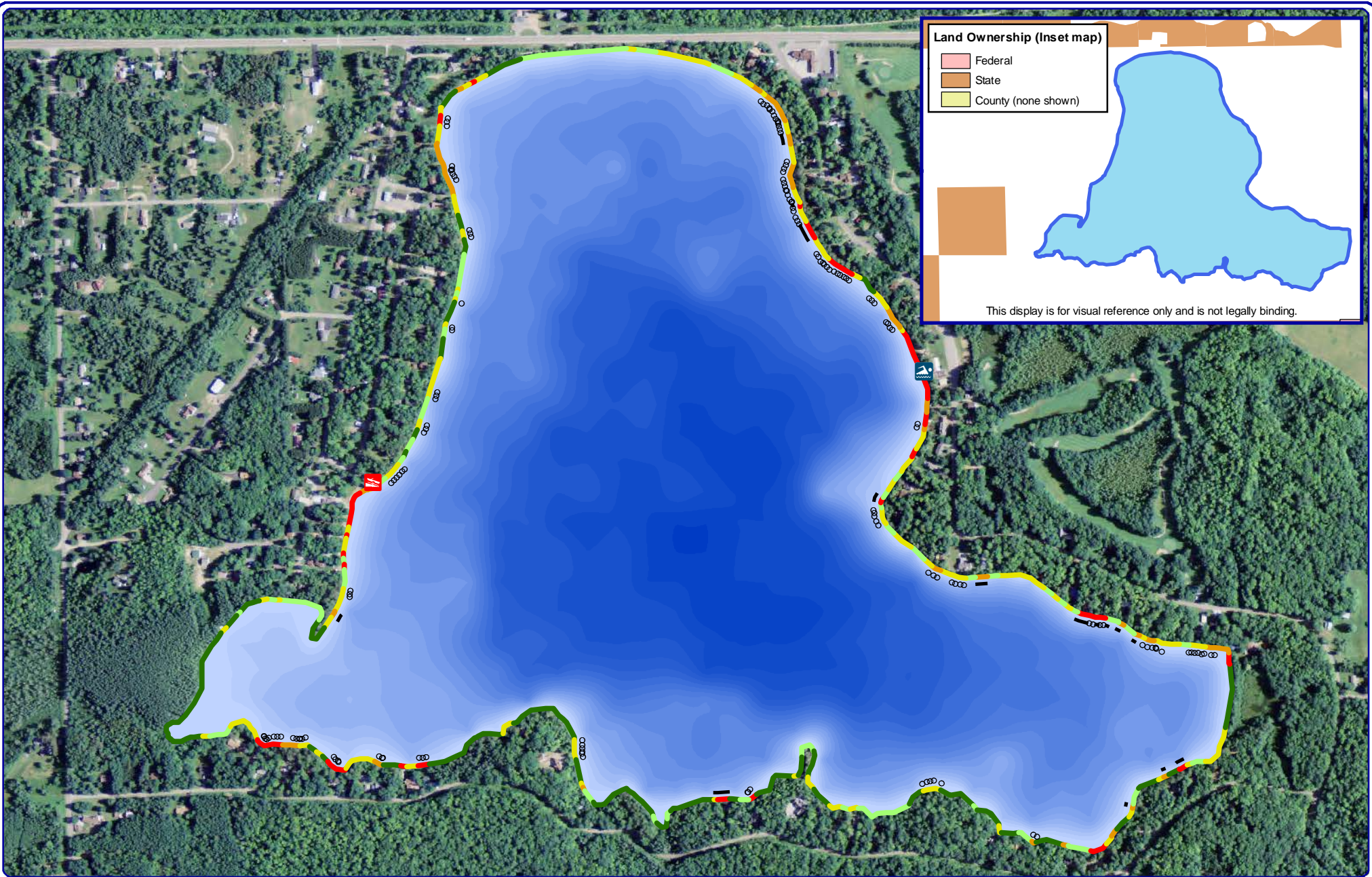


-  Silver Lake Watershed Boundary
-  Silver Lake

Legend

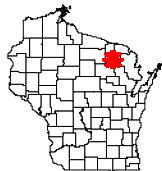
- Land Cover Types**
-  Forest
 -  Forested Wetlands
 -  Wetlands
 -  Rural Open Space
 -  Pasture/Grass
 -  Row Crops
 -  Rural Residential

Map 2
 Silver Lake
 Forest County, Wisconsin
**Watershed Boundaries
 & Land Cover Types**



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Sources:
 Hydro and Roads: WDNR
 Bathymetry: Onterra, 2014
 Shoreland Assessment Survey: Onterra, 2014
 Map Date: October 20, 2014
 Filename: Map3_Silver_Forest_SCA.mxd



Project Location in Wisconsin

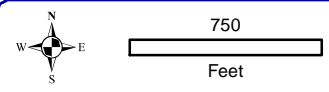
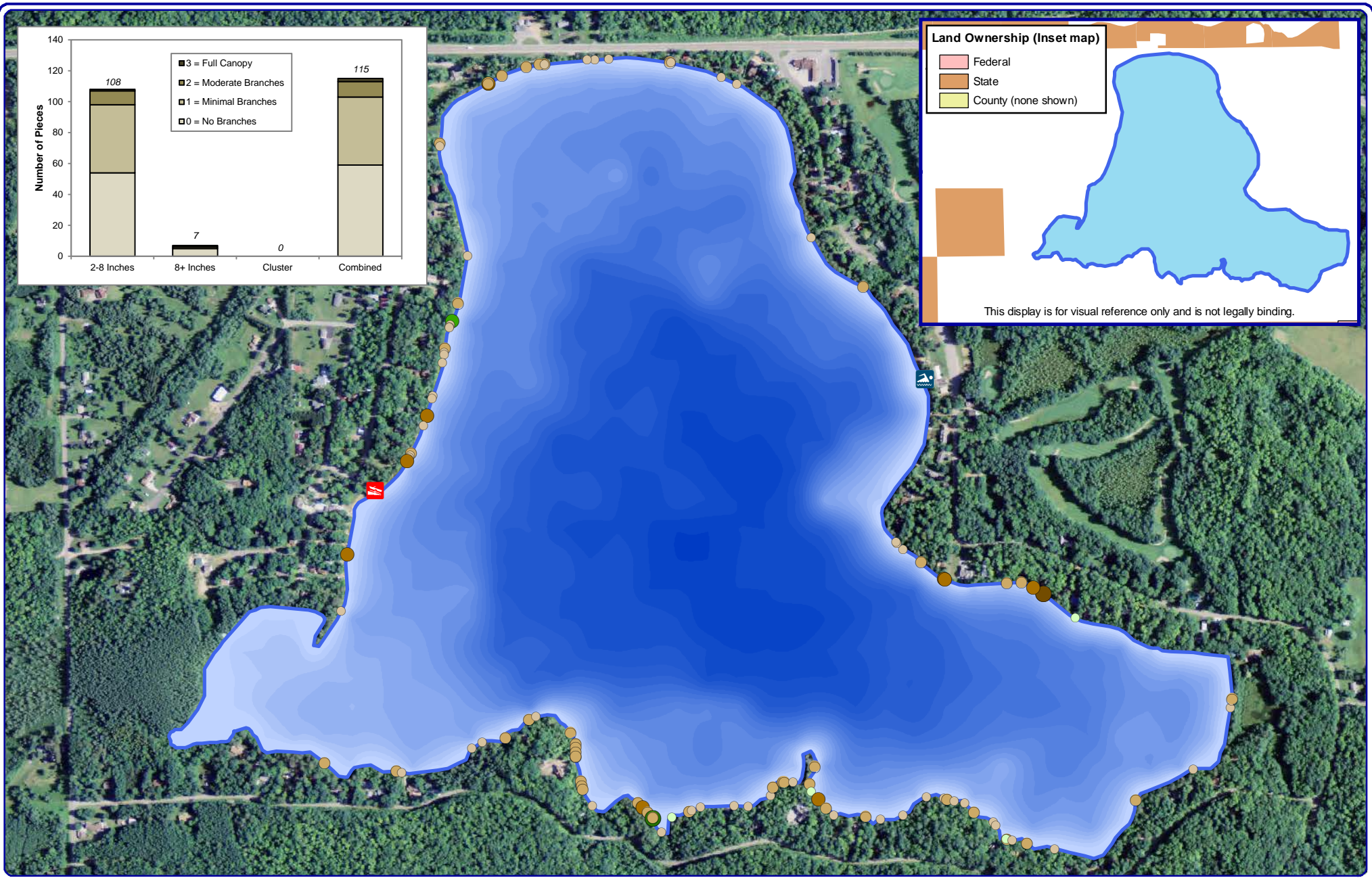
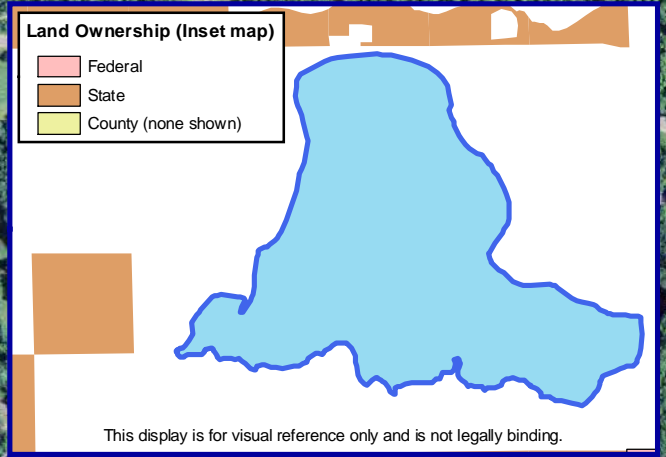
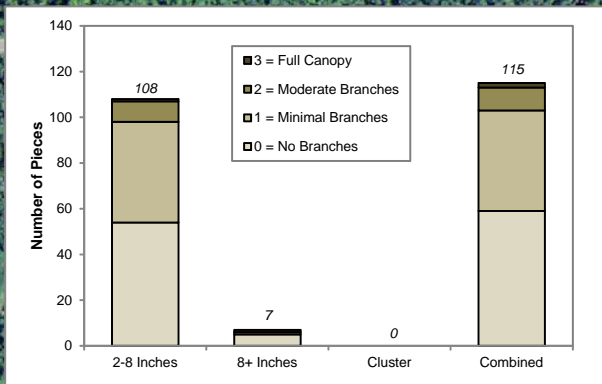
- Natural/Undeveloped
- Developed-Natural
- Developed-Semi-Natural
- Developed-Unnatural
- Urbanized

Legend

- Seawall
- Masonry/Wood
- Rip-Rap

- Public Boat Landing
- Public Beach

Map 3
 Silver Lake
 Forest County, Wisconsin
**2014 Shoreland
 Condition Assessment**



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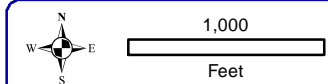
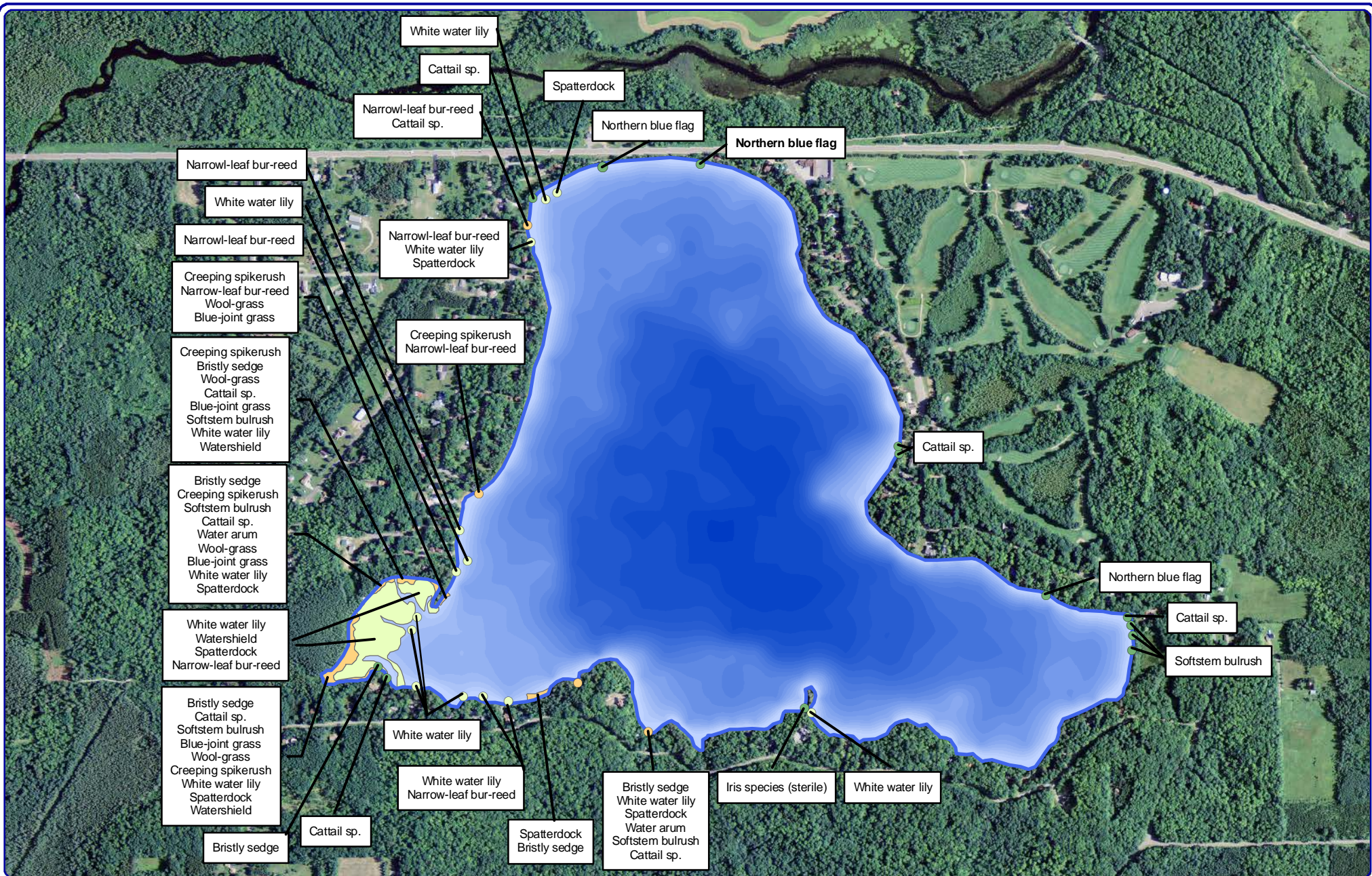
Sources:
 Hydro and Roads: WDNR
 Bathymetry: Onterra, 2014
 Shoreland Assessment Survey: Onterra, 2014
 Map Date: October 20, 2014
 Filename: Map4_Silver_Forest_CWH.mxd



- Legend**
- | | |
|---------------------|----------------------------|
| 2-8 Inches | >8 Inches |
| ● No Branches | ● No Branches |
| ● Minimal Branches | ● Minimal Branches |
| ● Moderate Branches | ● Moderate Branches (None) |
| ● Full Canopy | ● Full Canopy |

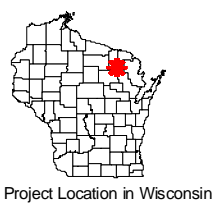
- Public Boat Landing
- Public Beach

Map 4
 Silver Lake
 Forest County, Wisconsin
**2014 Coarse
 Woody Habitat**



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Sources:
 Hydro and Roads: WDNR
 Bathymetry: Onterra, 2014
 Aquatic Plant Survey: Onterra, 2014
 Map Date: October 6, 2014
 File name: Map5_Silver_Forest_Comm.mxd



Legend

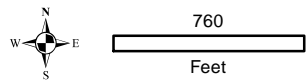
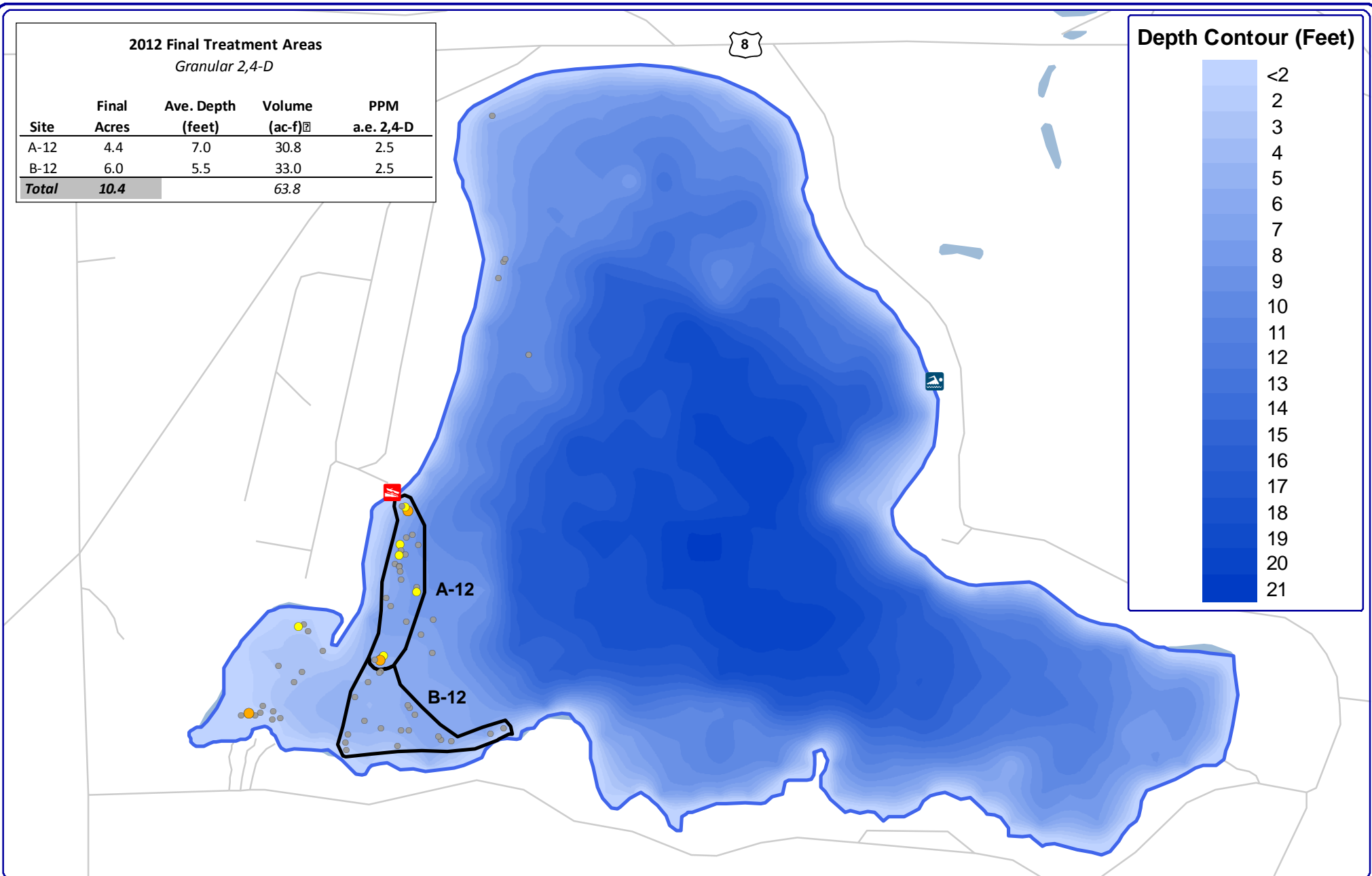
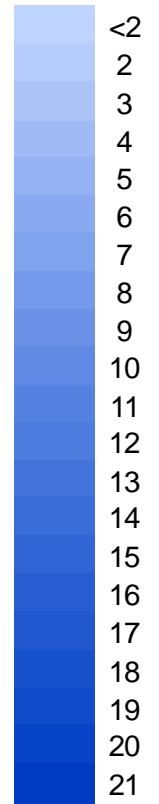
- | Small Plant Community | Large Plant Community |
|----------------------------------|----------------------------------|
| ● Emergent | ● Emergent |
| ○ Floating-leaf | ○ Floating-leaf |
| ● Mixed Emergent & Floating-leaf | ● Mixed Emergent & Floating-leaf |

Map 5
Silver Lake
 Forest County, Wisconsin
2014 Emergent & Floating-Leaf
Aquatic Plant Communities

2012 Final Treatment Areas
Granular 2,4-D

Site	Final Acres	Ave. Depth (feet)	Volume (ac-f) ³	PPM a.e. 2,4-D
A-12	4.4	7.0	30.8	2.5
B-12	6.0	5.5	33.0	2.5
Total	10.4		63.8	

Depth Contour (Feet)



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

Sources:
Roads and Hydro: WDNR
Bathymetry: Onterra, 2014
Aquatic Plants: Onterra, 2011
Map Date: April 7, 2014
Filename: Map6_SilverForest_EWM_2011.mxd



Project Location in Wisconsin

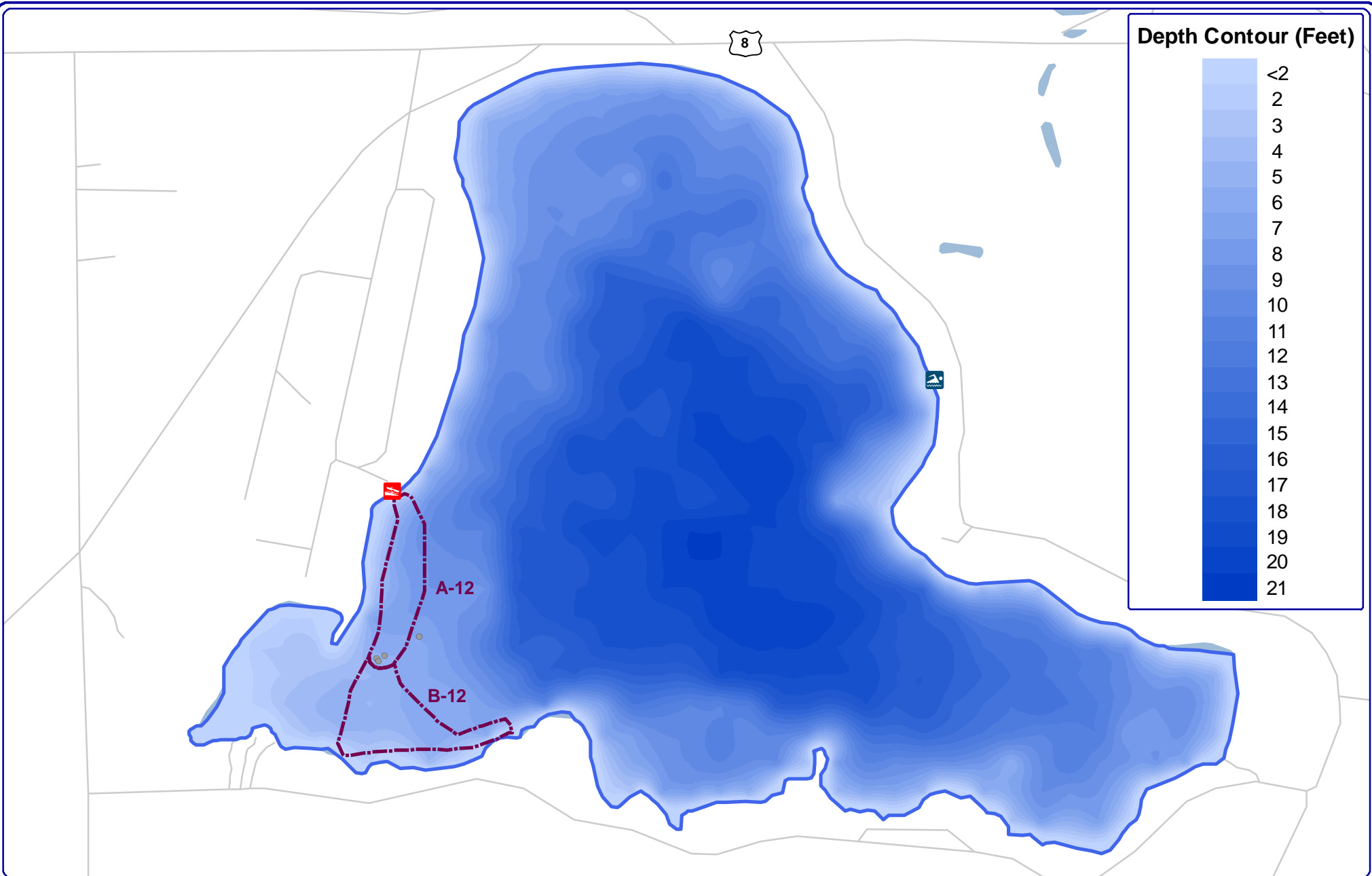
Legend

- EWM (July 2011)**
- Highly Scattered
 - Scattered
 - Dominant
 - Highly Dominant
 - Surface Matting
 - Single or Few Plants
 - Clumps of Plants
 - Small Plant Colony
 - 2012 Final Treatment Area
 - Public Boat Landing
 - Public Beach

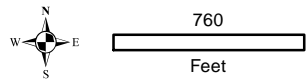
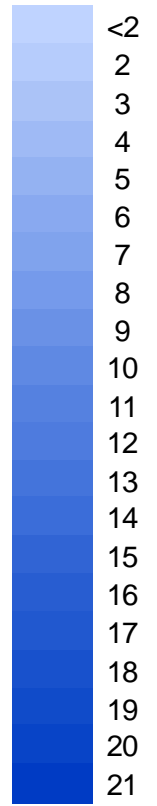
Map 6

Silver Lake
Forest County, Wisconsin

**2011 EWM Locations &
2012 Final Treatment Area**

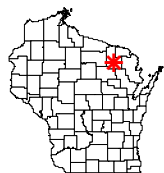


Depth Contour (Feet)



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

Sources:
 Roads and Hydro; WDNR
 Bathymetry; Onterra, 2014
 Aquatic Plants; Onterra, 2012
 Map Date: April 7, 2014
 Filename: Map7_SilverForest_EWM_2012.mxd



Project Location in Wisconsin

Legend

- | | | |
|------------------|----------------------|---------------------------|
| Highly Scattered | Single or Few Plants | 2012 Final Treatment Area |
| Scattered | Clumps of Plants | Public Boat Landing |
| Dominant | Small Plant Colony | Public Beach |
| Highly Dominant | | |
| Surface Matting | | |

Map 7

Silver Lake
 Forest County, Wisconsin

2012 EWM Locations

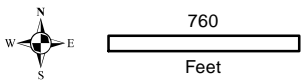
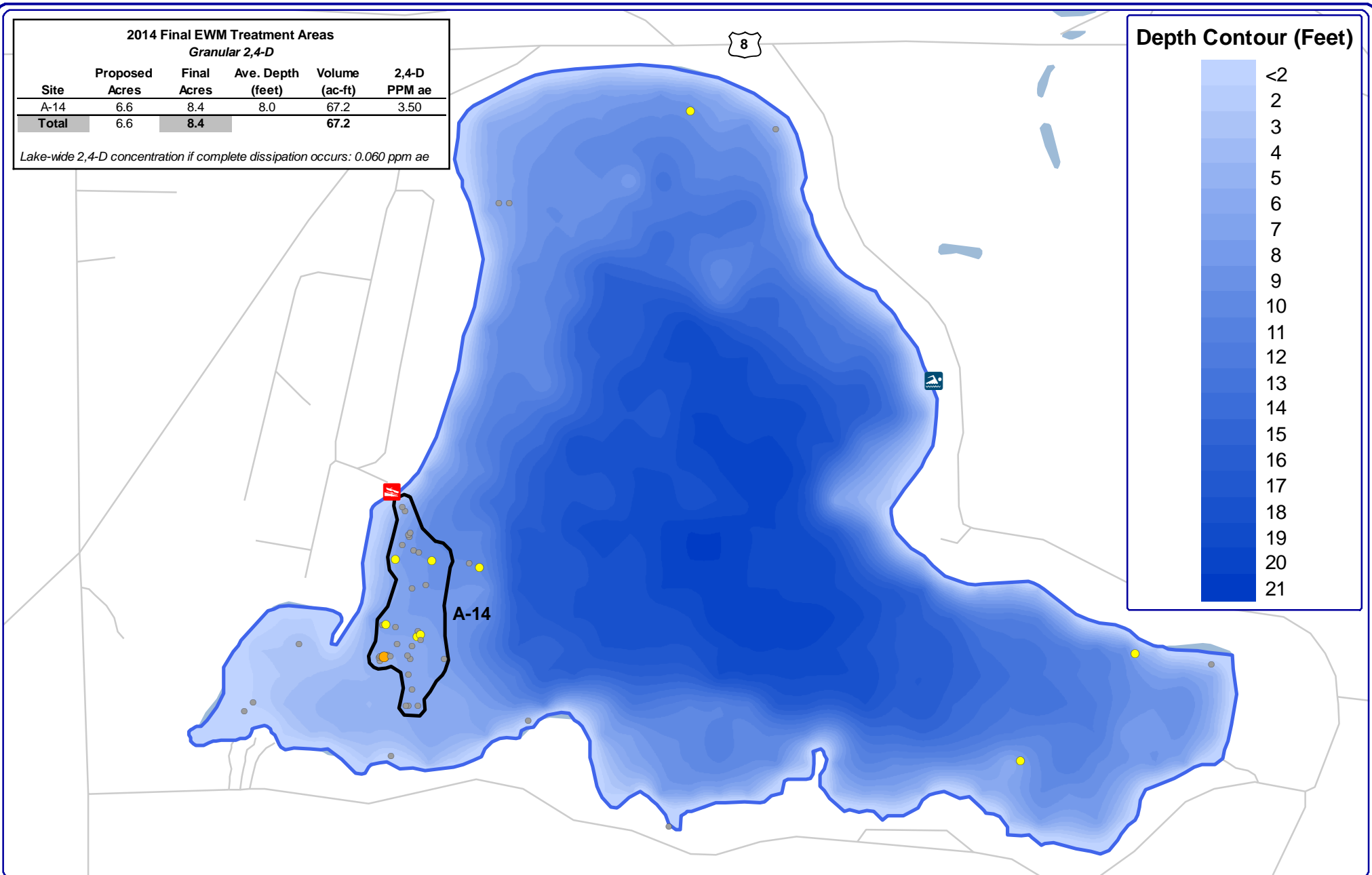
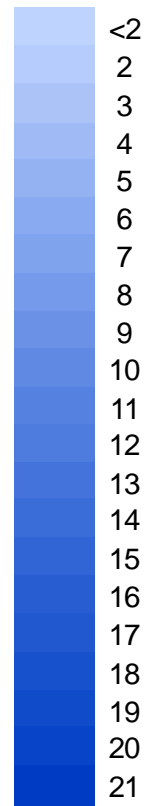
2014 Final EWM Treatment Areas

Granular 2,4-D

Site	Proposed Acres	Final Acres	Ave. Depth (feet)	Volume (ac-ft)	2,4-D PPM ae
A-14	6.6	8.4	8.0	67.2	3.50
Total	6.6	8.4		67.2	

Lake-wide 2,4-D concentration if complete dissipation occurs: 0.060 ppm ae

Depth Contour (Feet)



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 920.338.8860
 www.onterra-eco.com

Sources:
 Roads and Hydro: WDNR
 Bathymetry: Onterra, 2014
 Aquatic Plants: Onterra, 2013
 Map Date: April 7, 2014
 Filename: Map8_SilverForest_EWM_2013.mxd



Project Location in Wisconsin

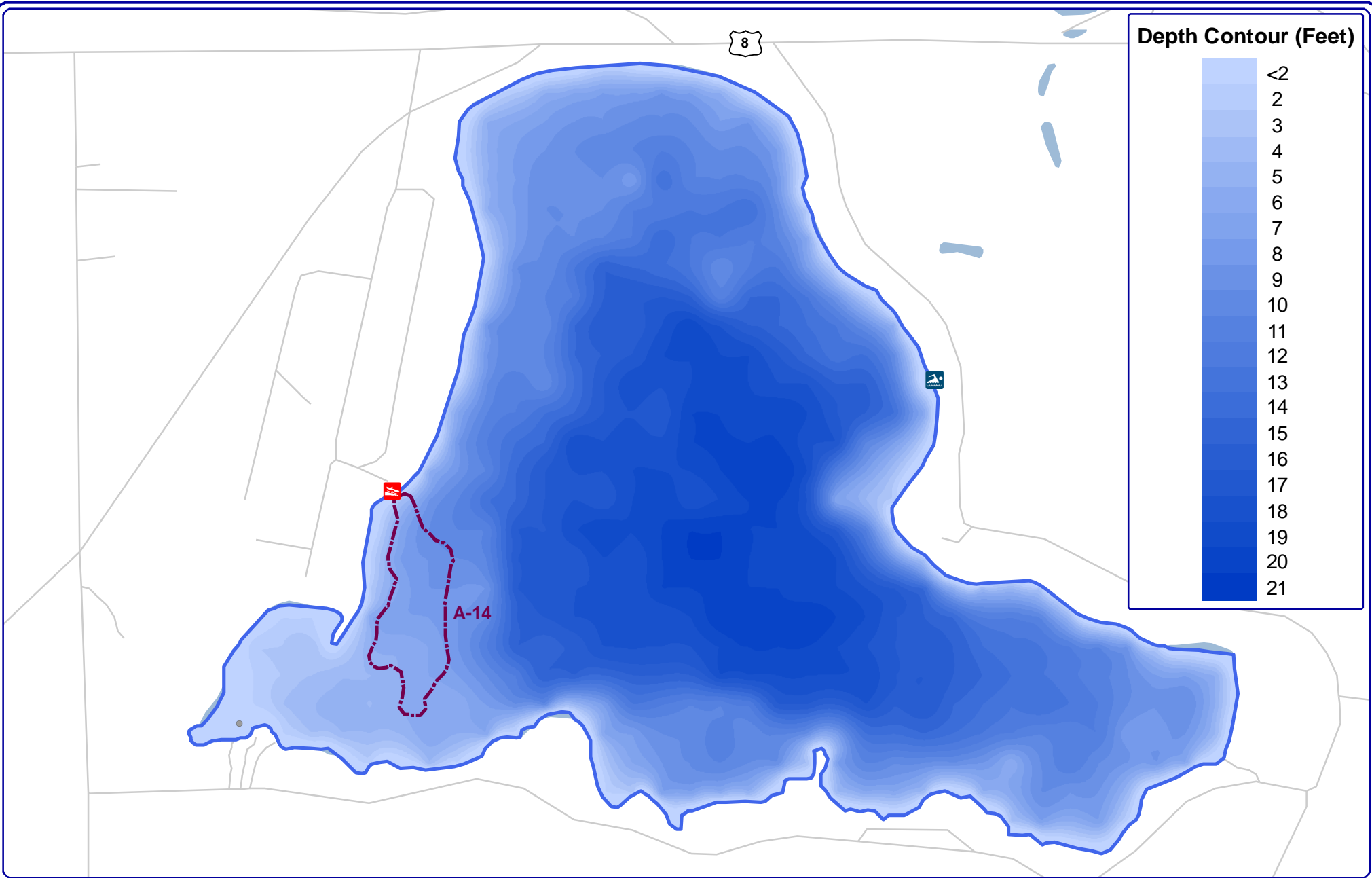
Legend

- | | | |
|------------------|----------------------|---------------------------|
| Highly Scattered | Single or Few Plants | 2014 Final Treatment Area |
| Scattered | Clumps of Plants | Public Boat Landing |
| Dominant | Small Plant Colony | Public Beach |
| Highly Dominant | | |
| Surface Matting | | |

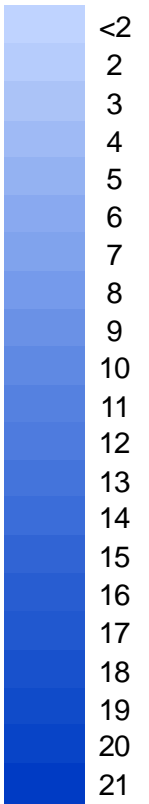
Map 8

Silver Lake
 Forest County, Wisconsin

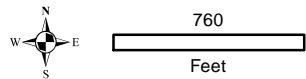
**2013 EWM Locations &
 2014 Final Treatment Area**



Depth Contour (Feet)

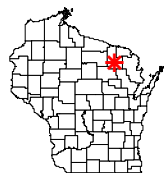


A-14



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Sources:
 Roads and Hydro: WDNR
 Bathymetry: Onterra, 2014
 Aquatic Plants: Onterra, 2014
 Map Date: April 7, 2014
 Filename: Map9_SilverForest_EWM_2014.mxd



Project Location in Wisconsin

Legend

EWM (August 2014)

- Highly Scattered
- Scattered
- Dominant
- Highly Dominant
- Surface Matting
- Single or Few Plants
- Clumps of Plants
- Small Plant Colony

- 2014 Final Treatment Area
- Public Boat Landing
- Public Beach

Map 9

Silver Lake
 Forest County, Wisconsin

2014 EWM Locations