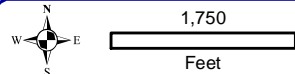


This display is for visual reference only and is not legally binding.

Land Ownership (Inset map)

- Federal (none shown)
- State
- County (none shown)



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: WDNR 1967; digitized by Onterra
 Basemap: ESRI AGOL
 Map Date: June 17, 2025 - EJJ

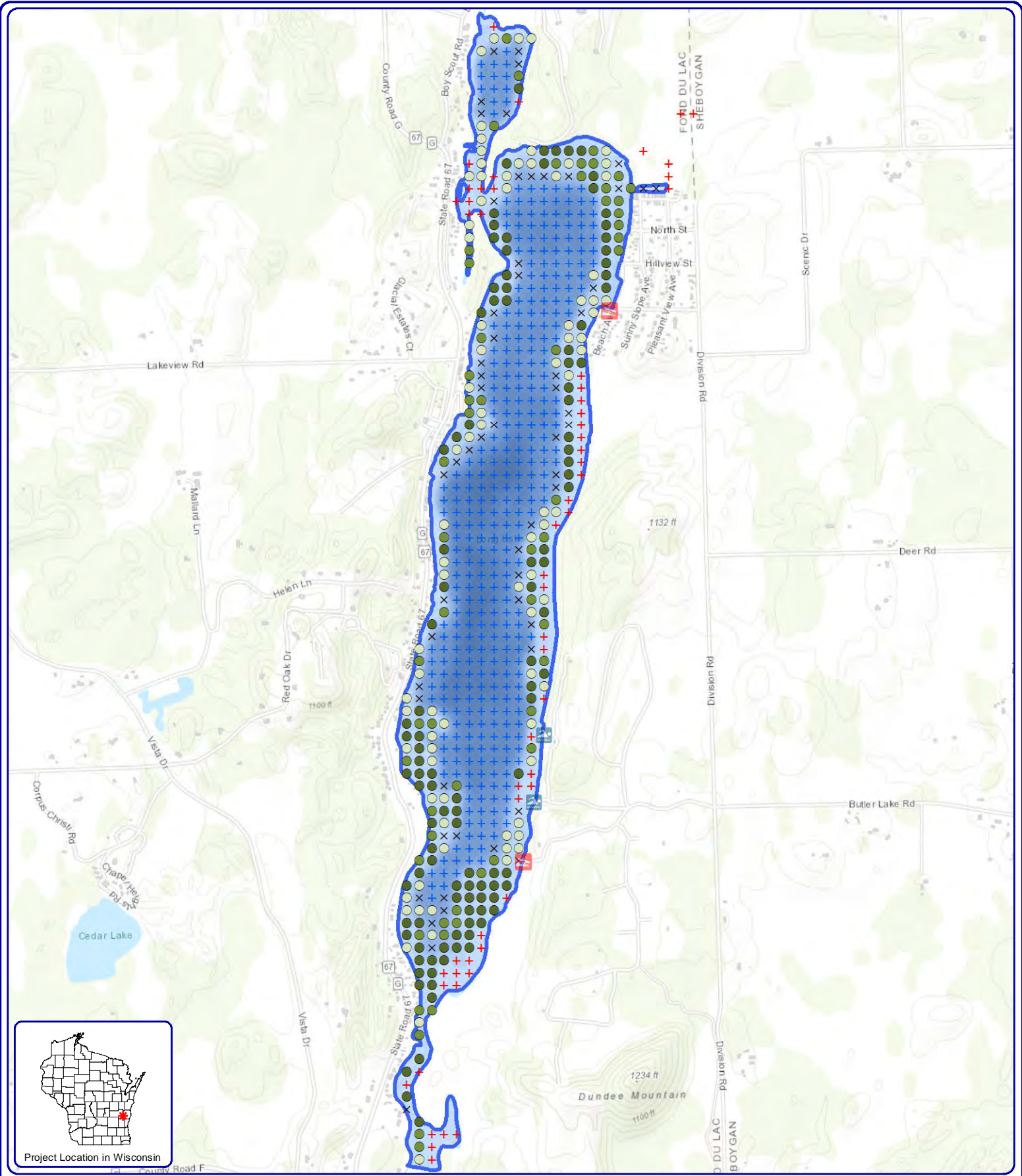


Project Location in Wisconsin

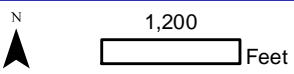
Legend

- Long Lake ~423acres
WDNR Definition
- + Point-Intercept Survey Location
50-meter spacing, 725 total points

Map 1
 Long Lake
 Fond du Lac County, Wisconsin
**Project Location &
 Lake Boundaries**



Project Location in Wisconsin



Legend

- Total Rake Fullness = 1
- Total Rake Fullness = 2
- Total Rake Fullness = 3
- × No Vegetation
- + Non-Navigable
- + Deep - No Vegetation

Map 2

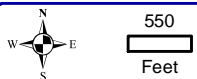
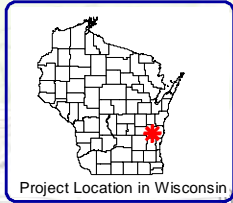
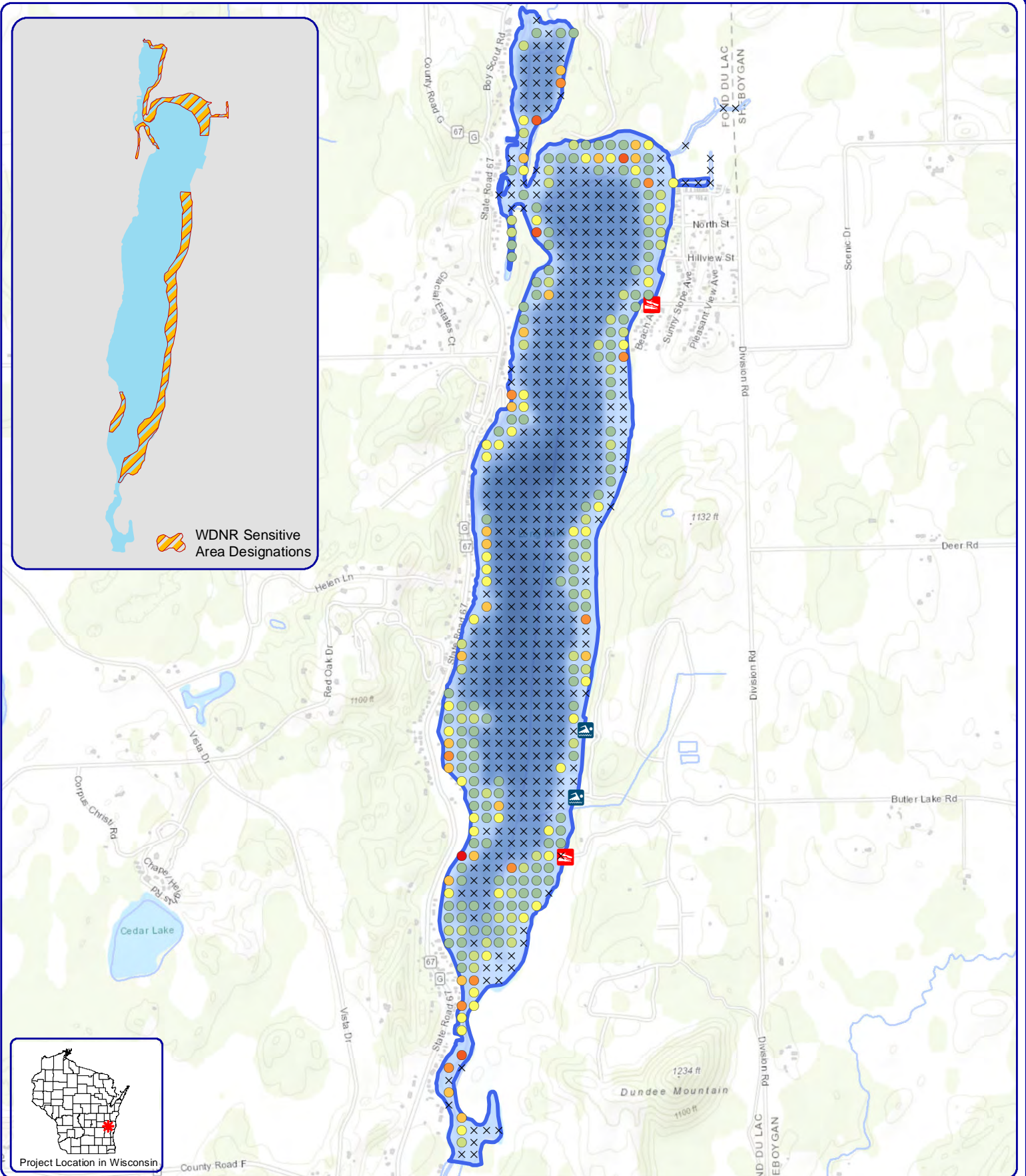
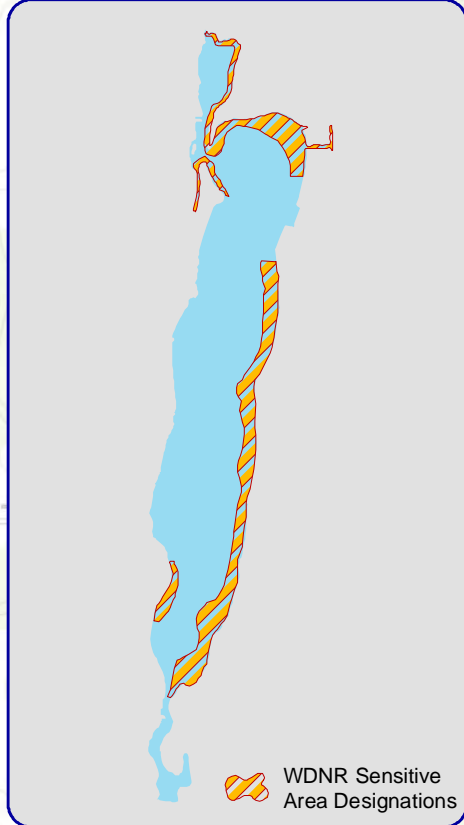
Long Lake

Fond du Lac County, Wisconsin

**2024 PI Survey:
Aquatic Plant Distribution**

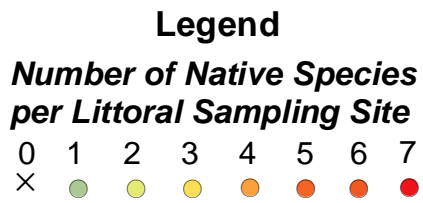
Onterra LLC
 Lake Management Planning
 815 Prosper Rd
 De Pere, WI 54115
 920.338.8860
 www.onterra-eco.com

Sources:
 Basemap: ESRI
 Bathymetry: WDNR, digitized by Onterra
 Aquatic Plant Survey: Onterra, 2024
 Map Date: May 1, 2025 - RMF



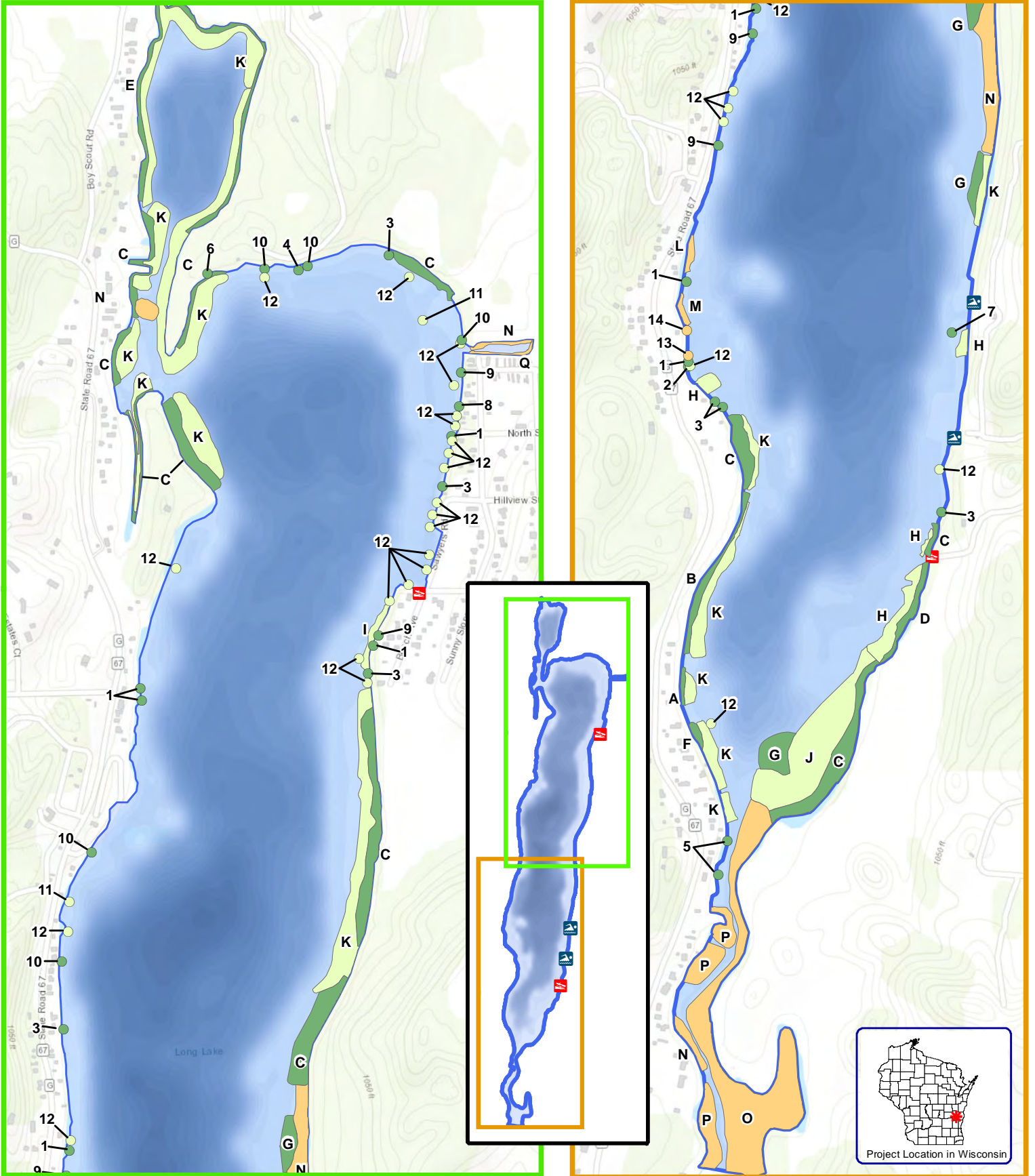
Onterra LLC
 Lake Management Planning
 815 Prosper Rd
 De Pere, WI 54115
 920.338.8860
 www.onterra-eco.com

Sources
 Base map: ESRI AGOL
 Ortho: NAIP 2022
 Bathymetry: Onterra, 2015
 Aquatic Plants: Onterra, 2024
 Map Date: December 5, 2024 ALC



Map 3
Long Lake
 Fond du Lac County, Wisconsin
2024 PI Survey:
Native Species Richness

Note: Species within lettered and numbered communities can be found in the table on the subsequent page



Legend

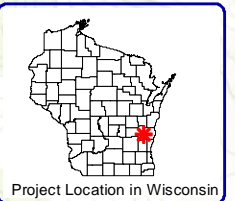
Survey Results: (July 31 2024)

Small Plant Communities

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

Large Plant Communities

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



Project Location in Wisconsin

**Map 4
Long Lake**

Fond du Lac County, Wisconsin

**2024 Aquatic Plant
Communities**

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

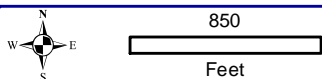
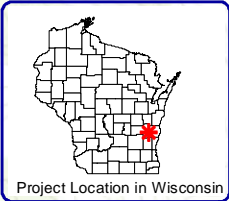
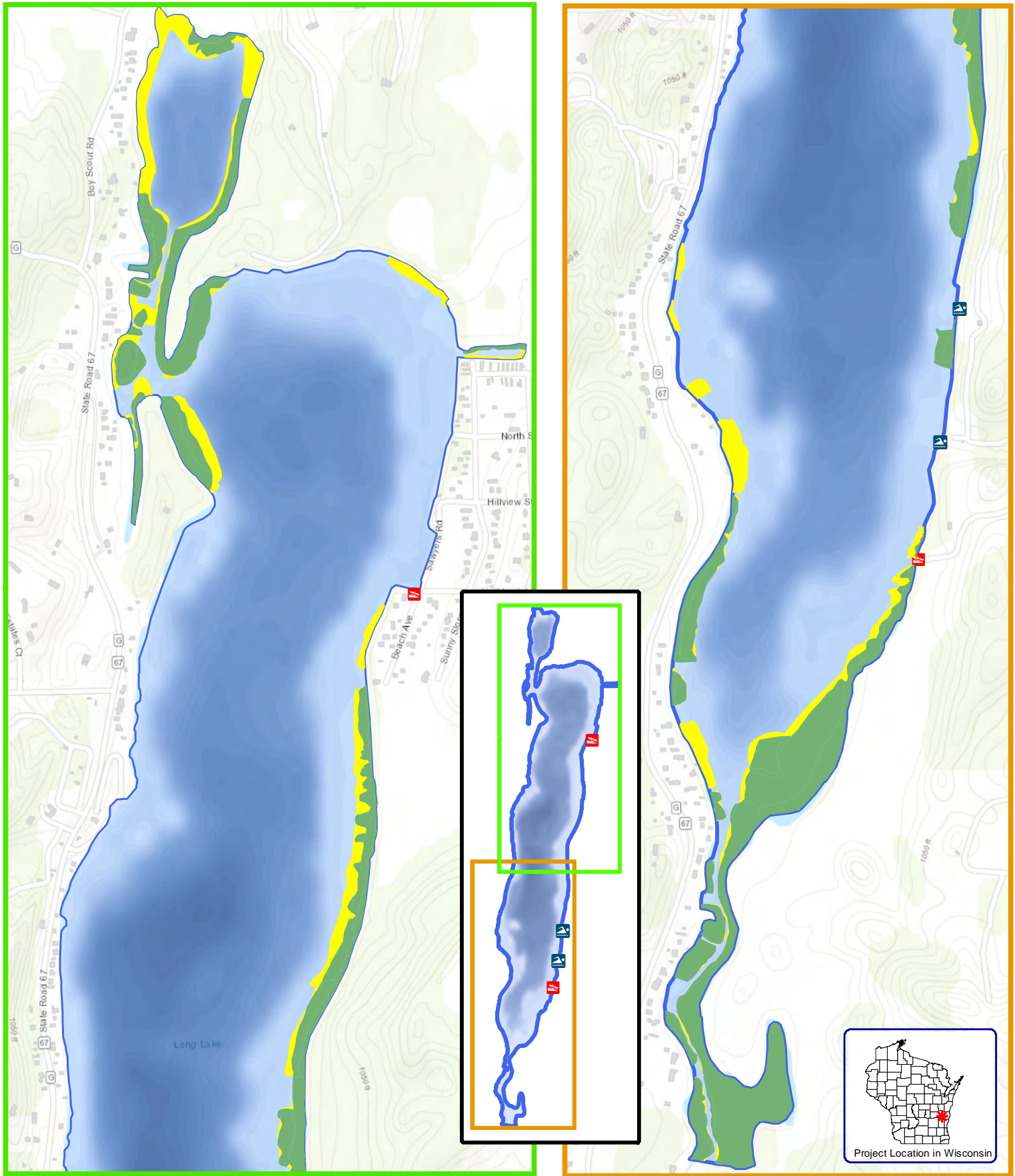
Sources
Base map: ESR1
Bathymetry: Onterra, 2015
Aquatic Plants: Onterra, 2024
Map Date: March 26, 2025 - SCD

Long Lake FDL 2024 Emergent & Floating-Leaf Plant Species
Corresponding Community Polygons and Points are displayed on Map 4.

Large Plant Community (Polygons)					
Emergent	Species 1	Species 2	Species 3	Species 4	Acres
A	Bur-reed sp. (sterile)				0.14
B	Bur-reed sp. (sterile)	Cattail sp.			0.75
C	Cattail sp.				10.98
D	Cattail sp.	Wool-grass	Sedge sp. (sterile)		0.60
E	Cattail sp.	Bur-reed sp. (sterile)			1.80
F	Cattail sp.	Bur-reed sp. (sterile)	Hardstem bulrush		0.17
G	Hardstem bulrush				2.28
Floating-leaf	Species 1	Species 2	Species 3	Species 4	Acres
H	Spatterdock				1.84
I	Spatterdock	White water lily			0.43
J	Spatterdock	White water lily			5.86
K	White water lily				19.50
Floating-leaf & Emergent	Species 1	Species 2	Species 3	Species 4	Acres
L	Bur-reed sp. (sterile)	White water lily	Cattail sp.		0.20
M	Cattail sp.	Bur-reed sp. (sterile)	White water lily		0.17
N	Cattail sp.	White water lily			3.77
O	Cattail sp.	White water lily	Bur-reed sp. (sterile)	Sedge sp. (sterile)	9.88
P	Cattail sp.	White water lily	Bur-reed sp. (sterile)		2.65
Q	White water lily	Cattail sp.	Bur-reed sp. (sterile)		0.16

Small Plant Community (Points)			
Emergent	Species 1	Species 2	Species 3
1	Bur-reed sp. (sterile)		
2	Bur-reed sp. (sterile)	Hardstem bulrush	
3	Cattail sp.		
4	Cattail sp.	Bur-reed sp. (sterile)	
5	Common arrowhead		
6	Common reed		
7	Floating-leaf bur-reed		
8	iris spp		
9	Reed canary grass		
10	Sedge sp. (sterile)		
11	Purple Loosestrife		
Floating-leaf	Species 1	Species 2	Species 3
12	Spatterdock		
13	White water lily		
Floating-leaf & Emergent	Species 1	Species 2	Species 3
14	Bur-reed sp. (sterile)	White water lily	
15	Cattail sp.	Bur-reed sp. (sterile)	White water lily

Bolded species dominated the respective community; Scientific names can be found in the species list in Table 3.2-1



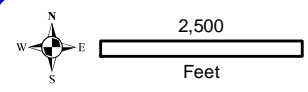
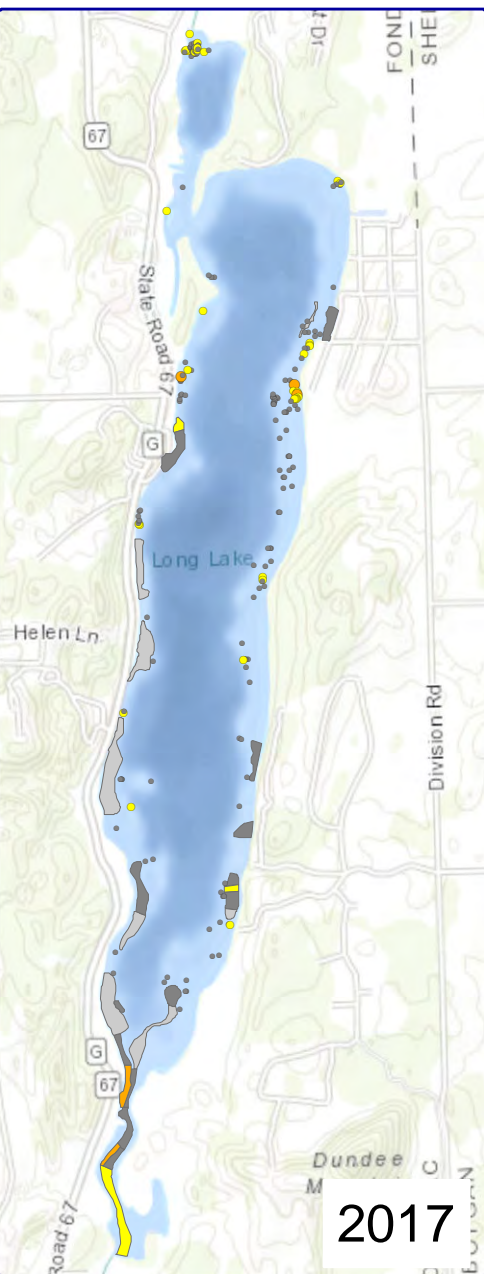
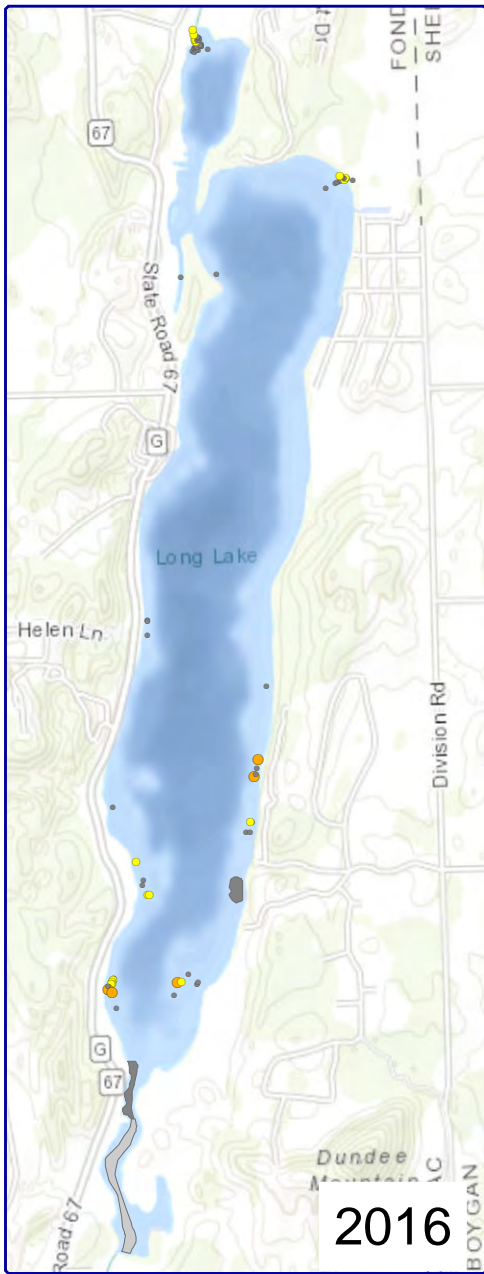
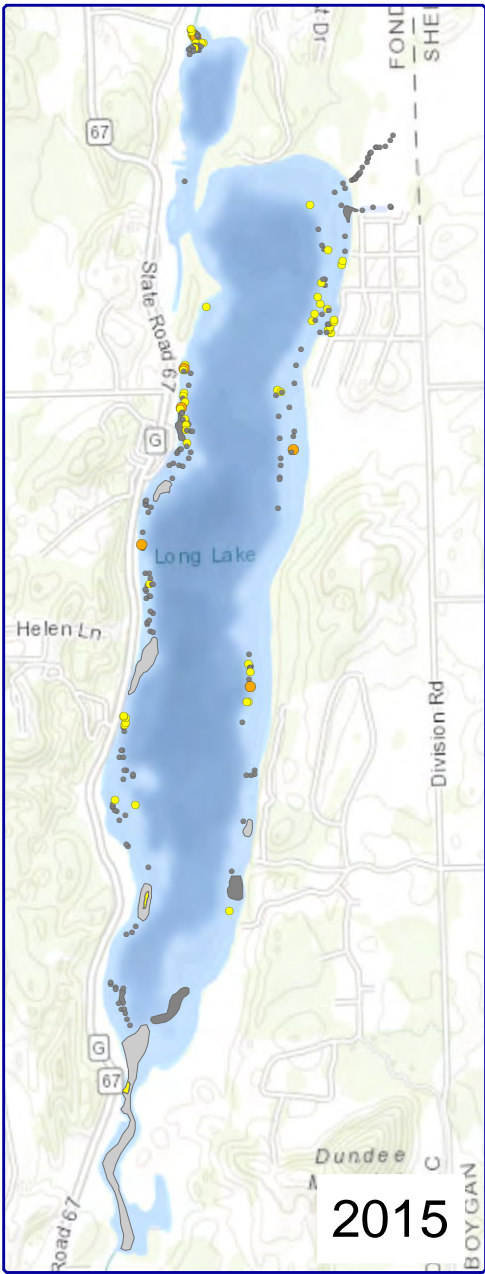
Onterra LLC
 Lake Management Planning
 815 Prosper Rd
 De Pere, WI 54115
 920.338.8860
 www.onterra-eco.com

Sources
 Base map: ESR1
 Bathymetry: Onterra, 2015
 Aquatic Plants: Onterra, 2024
 Map Date: March 26, 2025 - SCD

Legend

- Large Plant Communities**
- Expanded
 - Retracted (None)
 - Common Footprint

Map 5
Long Lake
 Fond du Lac County, Wisconsin
2024 Aquatic Plant Communities



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

Sources:
 Roads and Hyrdo: WDNR
 Aquatic Plants: Onterra
 Bathymetry: Onterra
 Basemap: ESRI AGOL
 Map Date: June 17, 2025 - EJJ

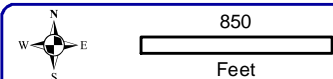
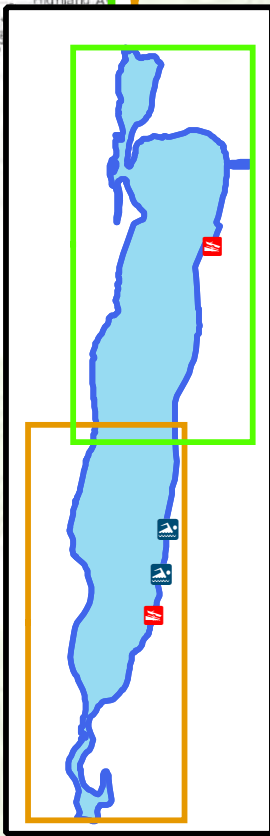
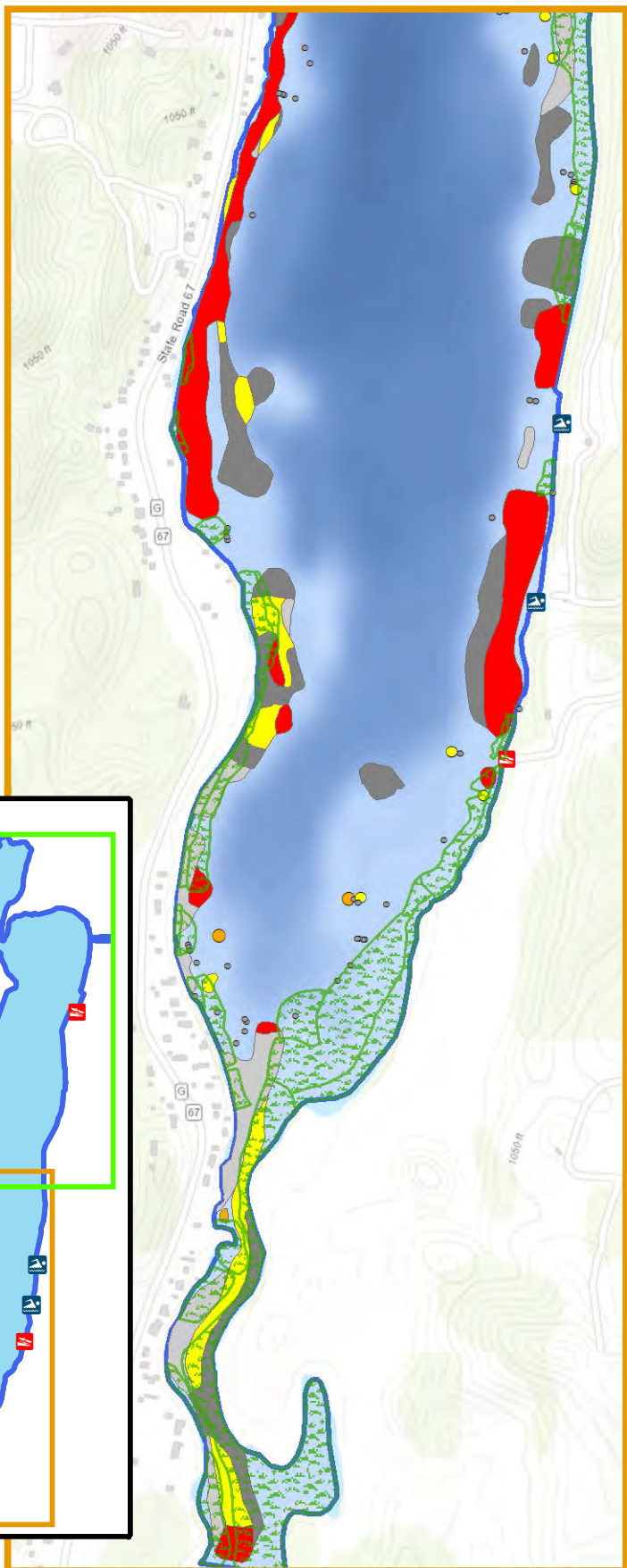
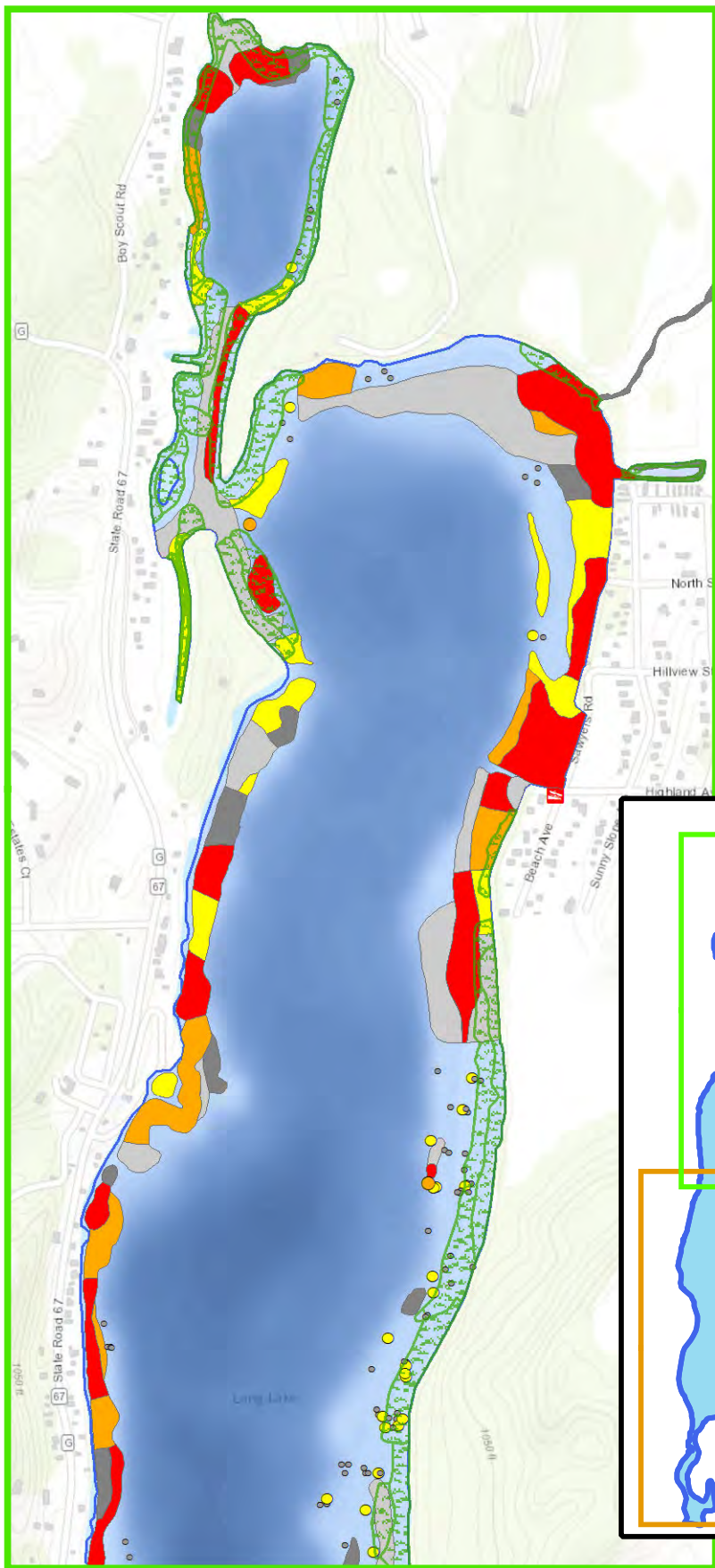


Extent of large map shown in red.

Legend

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

Map 6
 Long Lake
 Fond du Lac County, Wisconsin
**2015-2018 June
 CLP Survey Results**



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

Sources
 Roads and Hydro: WDNR
 Bathymetry: Onterra, 2015
 Aquatic Plants: Onterra, 2024
 Basemap: ESRI AGOL
 Map Date: June 17, 2025 - EJJ

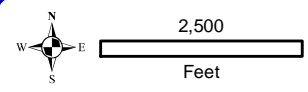
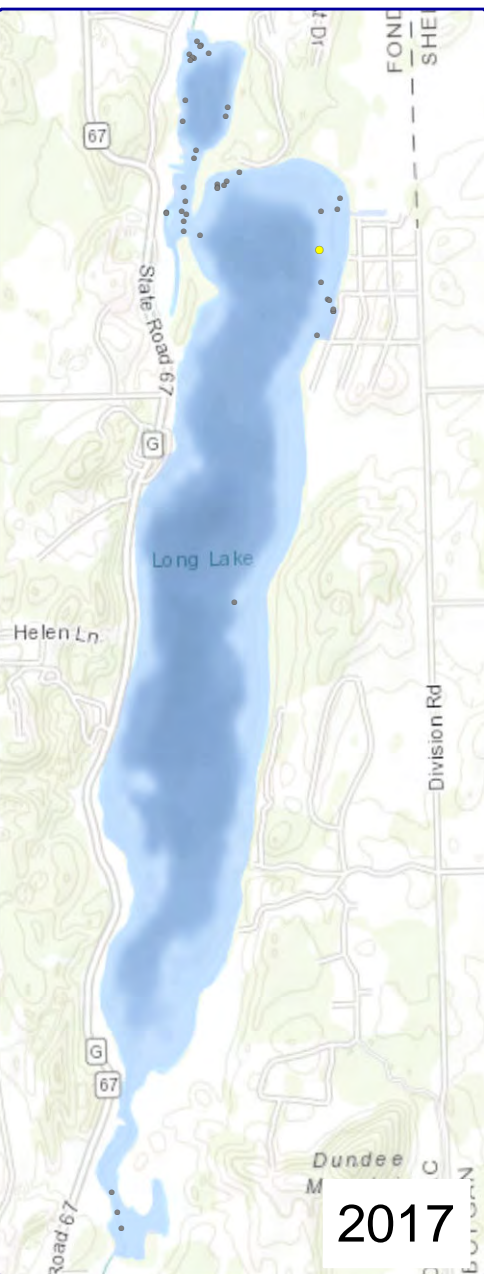


Project Location in Wisconsin

Legend

- Curly-leaf Pondweed Survey Results (June 3-4, 2024)**
- Highly Scattered
 - Scattered
 - Dominant
 - Highly Dominant
 - Surface Matting
 - Single or Few Plants
 - Clumps of Plants
 - Small Plant Colony

Map 7
Long Lake
 Fond du Lac County, Wisconsin
June 2024
CLP Survey Results



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

Sources:
 Roads and Hyrdo: WDNR
 Aquatic Plants: Onterra
 Bathymetry: Onterra
 Basemap: ESRI AGOL
 Map Date: June 17, 2025 - EJJ



Extent of large map shown in red.

Legend

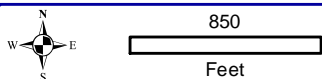
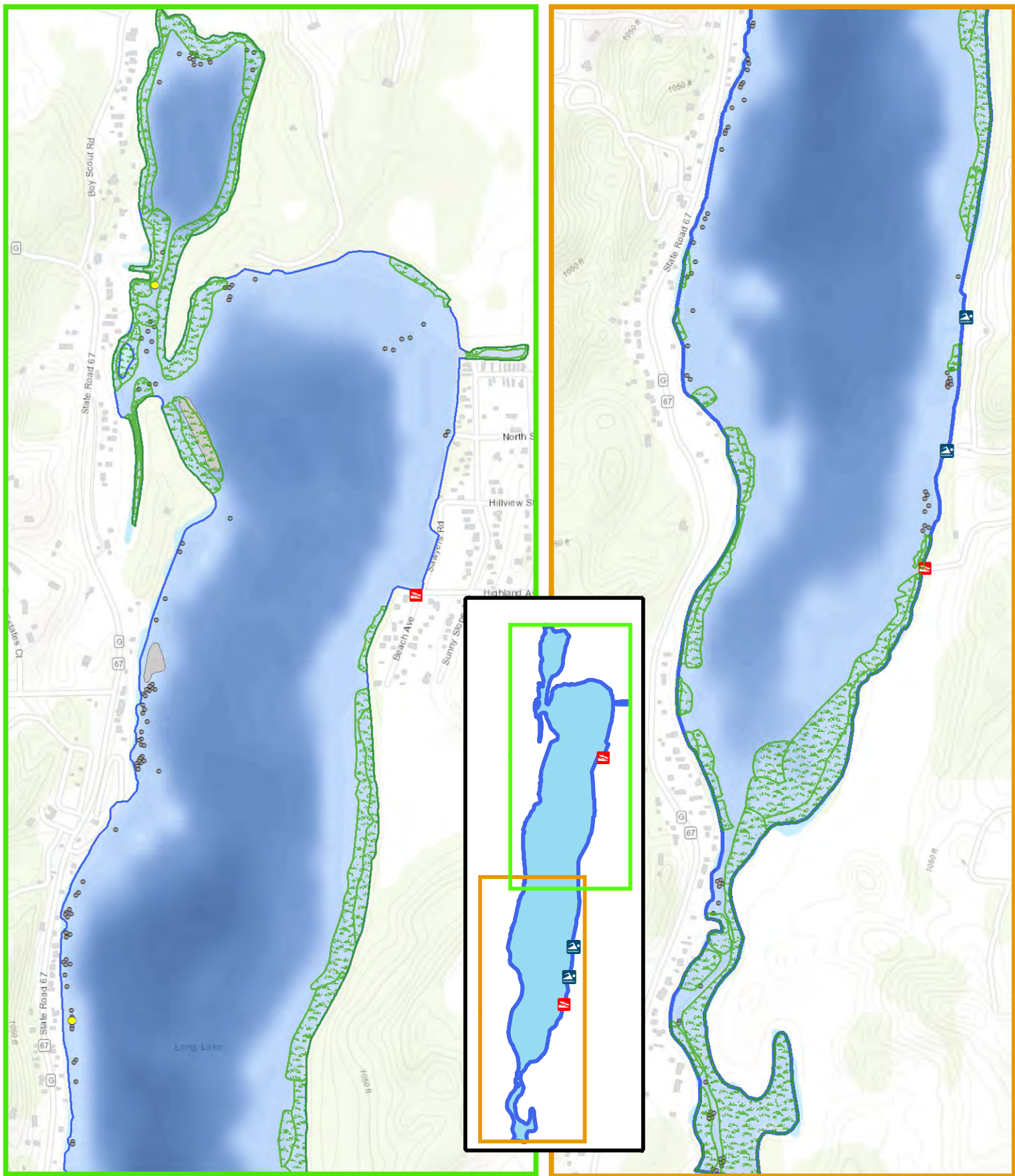
- Highly Scattered
- Scattered
- Dominant
- Highly Dominant
- Surface Matting
- Single or Few Plants
- Clumps of Plants
- Small Plant Colony

Map 8

Long Lake

Fond du Lac County, Wisconsin

**2015-2018 Late Season
 EWM Survey Results**



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

Sources
 Roads and Hydro: WDNR
 Bathymetry: Onterra, 2015
 Aquatic Plants: Onterra, 2024
 Basemap: ESRI AGOL
 Map Date: June 17, 2025 - EJJ



Project Location in Wisconsin

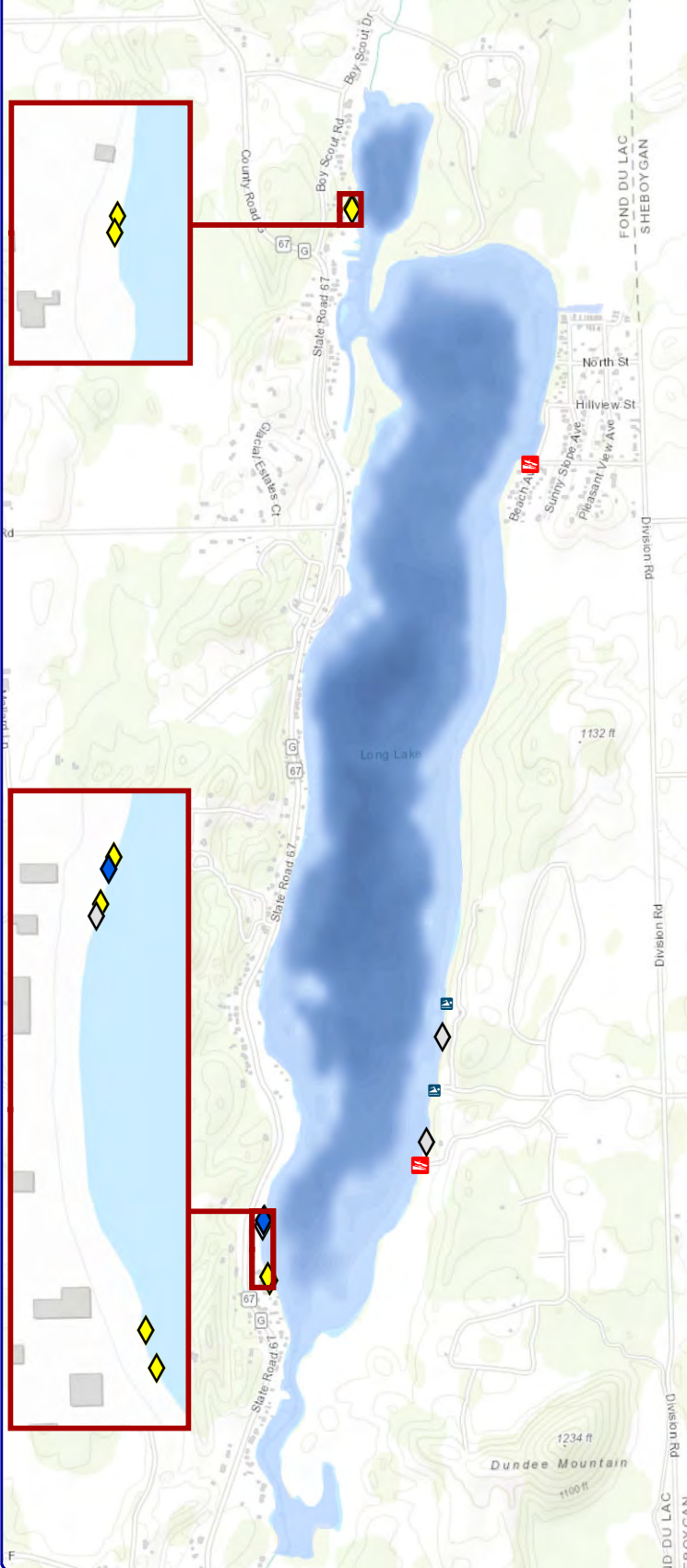
Legend
 Eurasian Watermilfoil Survey Results (August 8, 2024)

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

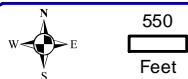
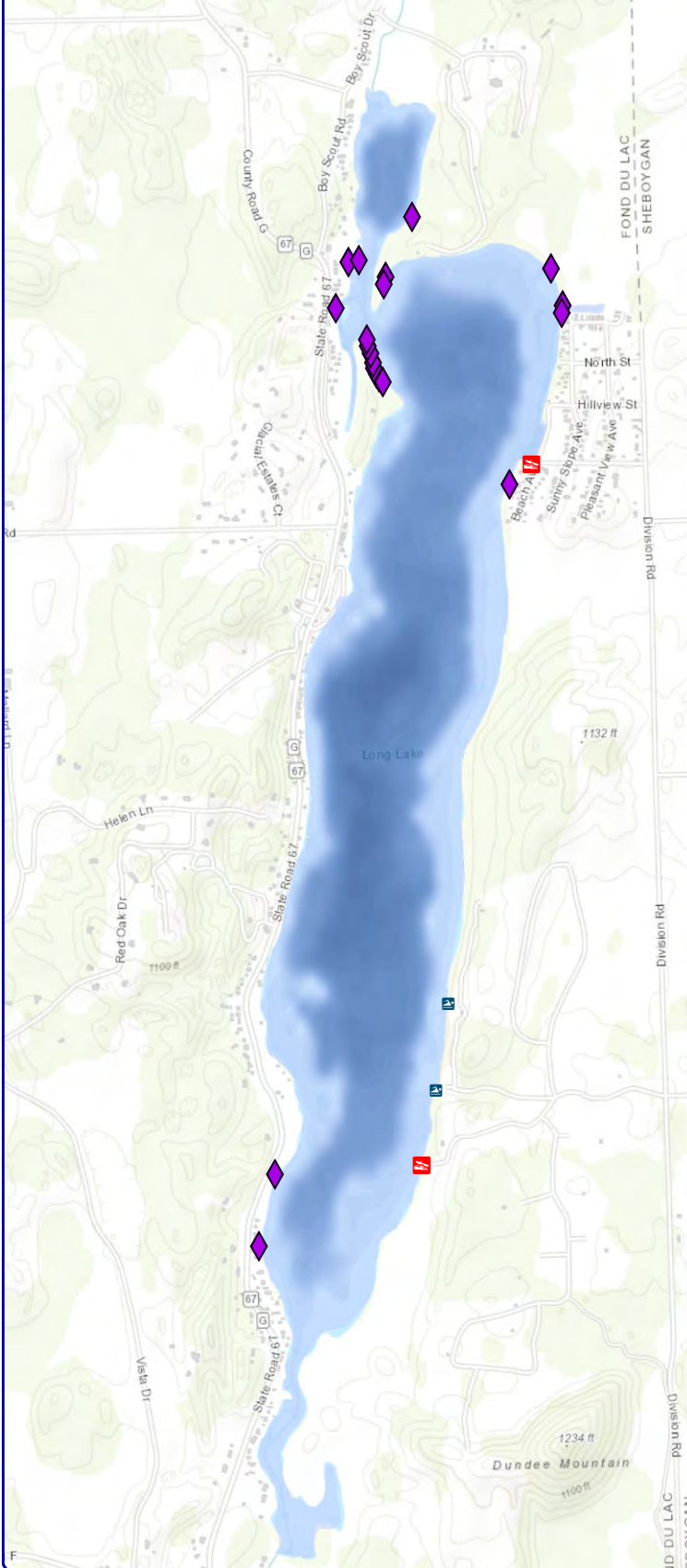
Map 9
 Long Lake
 Fond du Lac County, Wisconsin

August 2024
EWM Survey Results

Iris Species



Purple Loosestrife



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

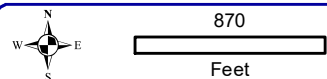
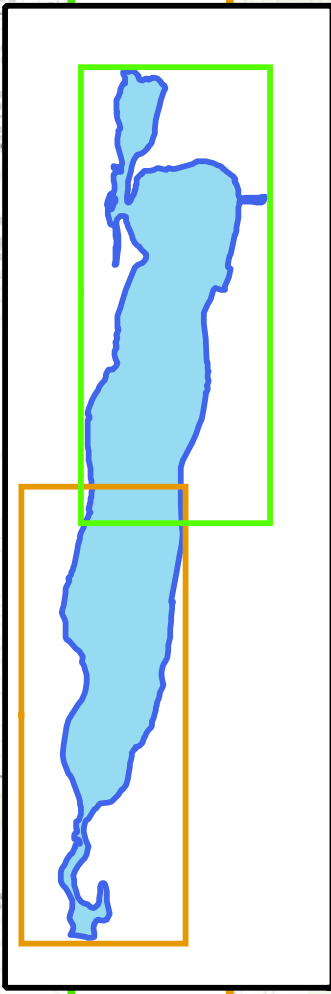
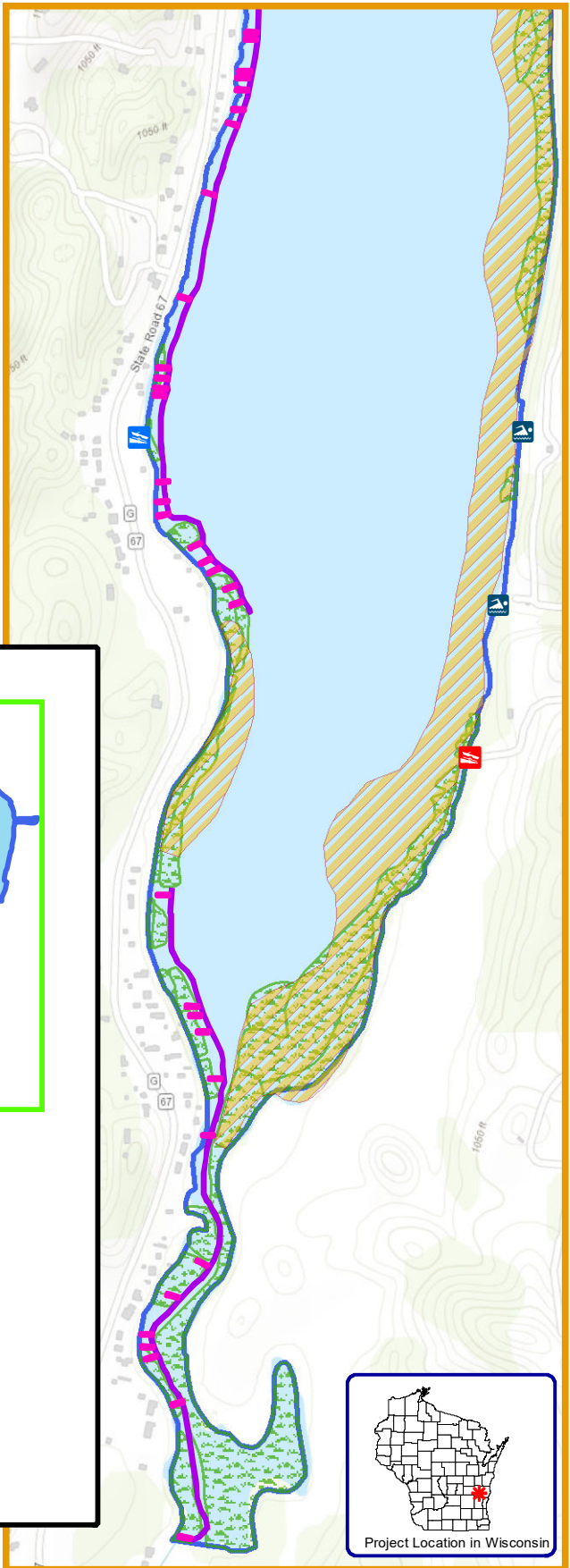
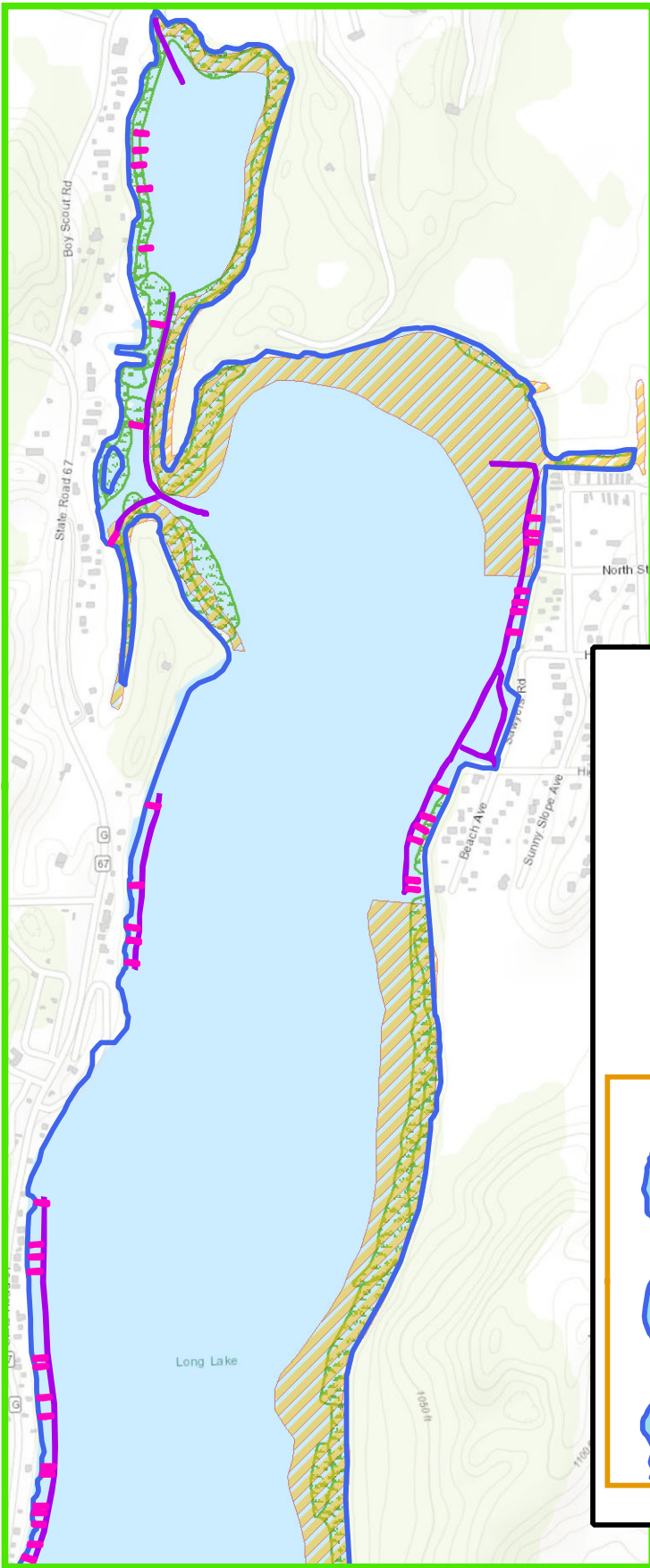
Sources
 Base map: ESRI
 Bathymetry: Onterra, 2015
 Aquatic Plants: Onterra, 2024
 Map Date: November 13, 2024 - ALC/SCD

Legend

- Left Frame**
- ◆ Pale Yellow Iris
 - ◆ Sterile Iris Species
 - ◆ Blue flag iris (native)

- Right Frame**
- ◆ Purple Loosestrife

Map 10
 Long Lake
 Fond du Lac County, Wisconsin
**2024 Non-Native
 Emergent Species**



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

Sources:
 Roads and Hydro: WDNR
 Bathymetry: Onterra, 2015
 Aquatic Plants: Onterra, 2015
 Basemap: ESRI AGOL
 Map Date: August 5, 2025 - EJJ

Legend

- Common Use Center Lane
(30-ft wide, 10.0 acres)
- Riparian Access Spoke
(10-ft wide x 60-ft long = 0.014 acres,
~70 lanes = 0.98 acres)
**spoke location approximate*
- Emergent/Floating-Leaf
Vegetation Communities
- WDNR Sensitive
Area Designations

Map 11
Long Lake
 Fond du Lac County, Wisconsin
**Mechanical
 Harvest Plan v.1**