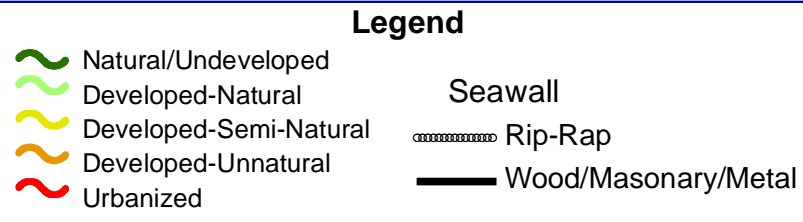
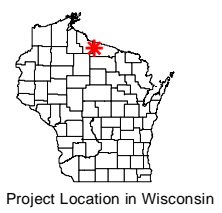
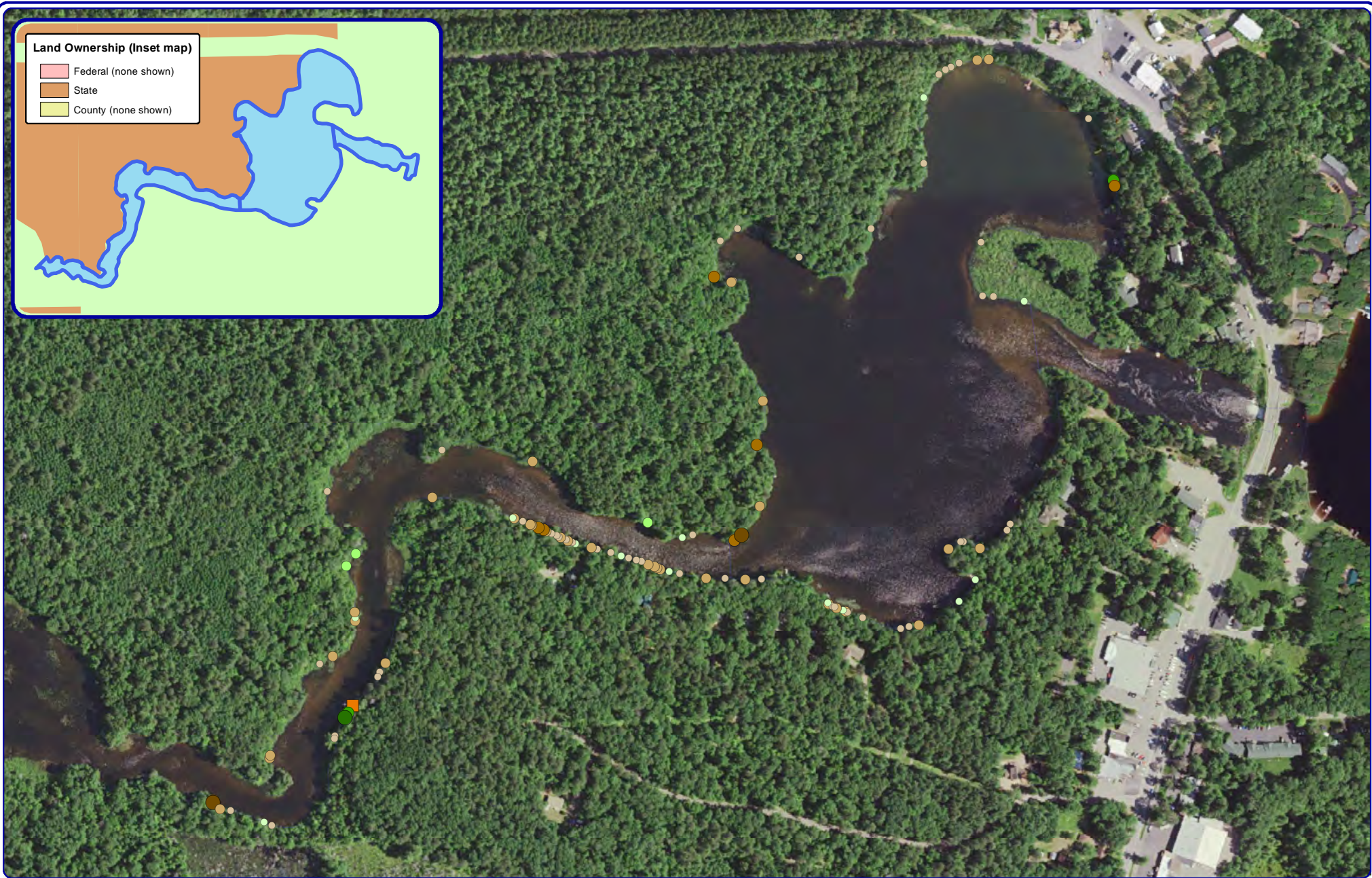


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 Lake Management Planning
 815 Prosper Road
 De Pere, WI 54115
 920.338.8860
 www.onterra-eco.com

Sources:
 Hydro: WDNR
 Orthophotography: NAIP, 2017
 Shoreline Assessment: Onterra, 2017
 Map Date: October 10, 2017
 Filename: Vance_Map1_ShorelandCondition_2017.mxd

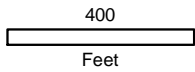


Map 1
 Vance Lake
 Vilas County, Wisconsin
**2017 Shoreland
 Condition**



Land Ownership (Inset map)

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



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Sources:
 Hydro: WDNR
 Orthophotography: NAIP, 2017
 Coarse Woody Habitat Survey: Onterra, 2017
 Map Date: October 10, 2017
 Filename: Vance_Map2_CWH_2017.mxd



Project Location in Wisconsin

2-8 Inch Pieces

- No Branches
- Minimal Branches
- Moderate Branches
- Full Canopy

Legend

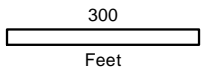
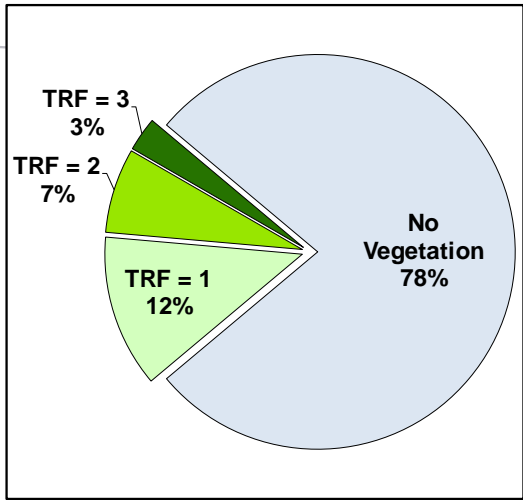
8+ Inch Pieces

- No Branches
- Minimal Branches
- Moderate Branches
- Full Canopy

Cluster of Pieces

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

Map 2
 Vance Lake
 Vilas County, Wisconsin
**Coarse Woody
 Habitat**



Project Location in Wisconsin

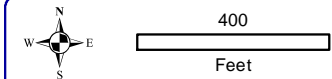
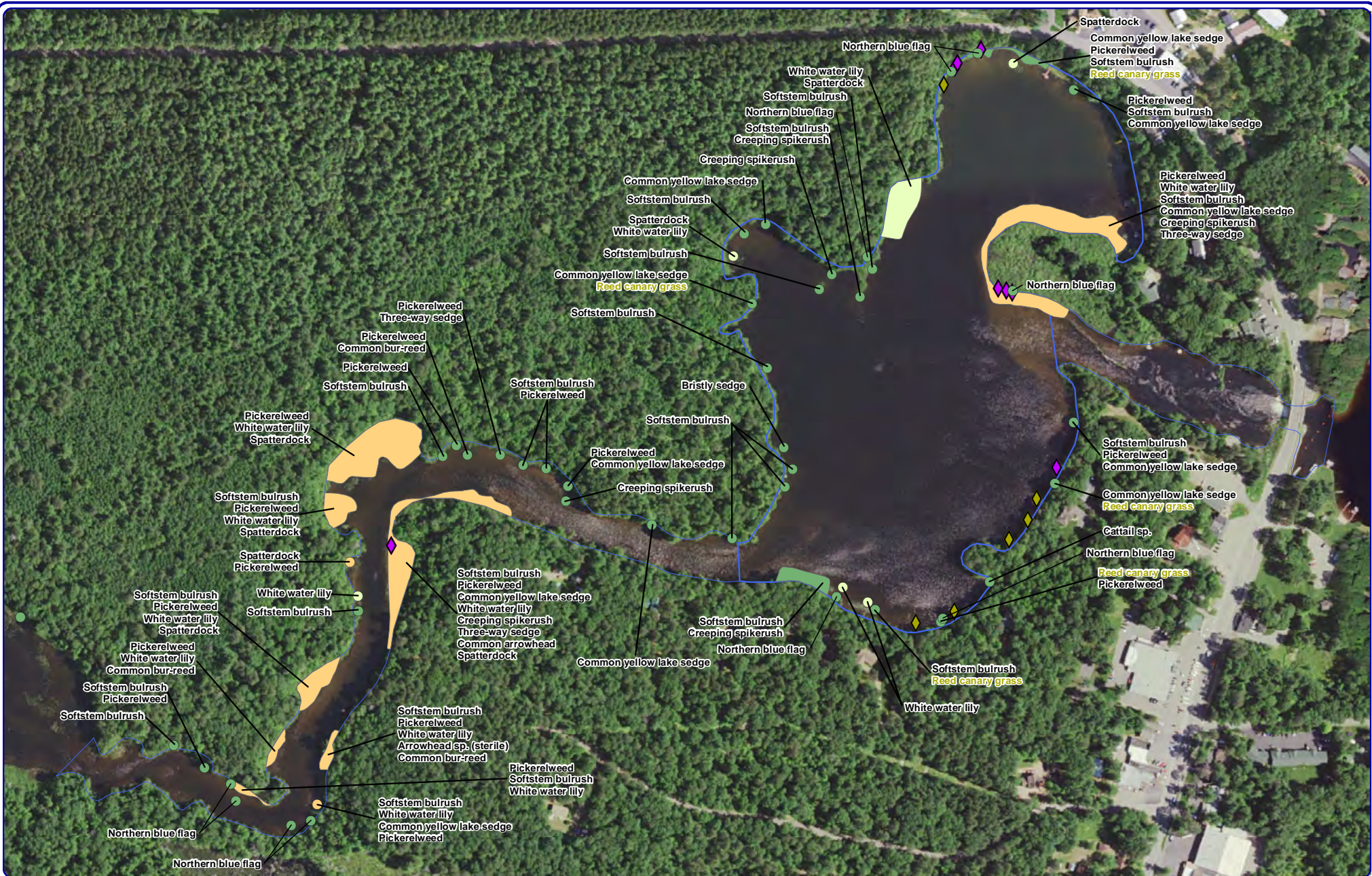
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Sources:
 Roads and Hydro: WDNR
 Plant Survey: Onterra, 2017
 Map Date: November 17, 2017
 Filename: MapX_Vance_TRFPI_2017.mxd

Legend

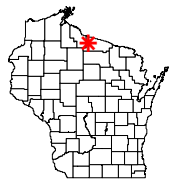
- Total Rake Fullness = 1
- Total Rake Fullness = 2
- Total Rake Fullness = 3
- + No Vegetation
- + Non-Navigable

Map 3
Vance Lake
 Vilas County, Wisconsin
2017 PI Survey:
Aquatic Vegetation
Distribution



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Sources:
 Aquatic Plants: Onterra, 2017
 Orthophotography: NAIP, 2017
 Map date: November 3, 2017
 Filename: Vance_Comm_2017.mxd



Project Location in Wisconsin

Legend

Small Plant Communities

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

Large Plant Communities

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

Map 4

Vance Lake
 Vilas County, Wisconsin

**Emergent & Floating-leaf
 Aquatic Plant Communities**