

**Onterra LLC**  
 Lake Management Planning  
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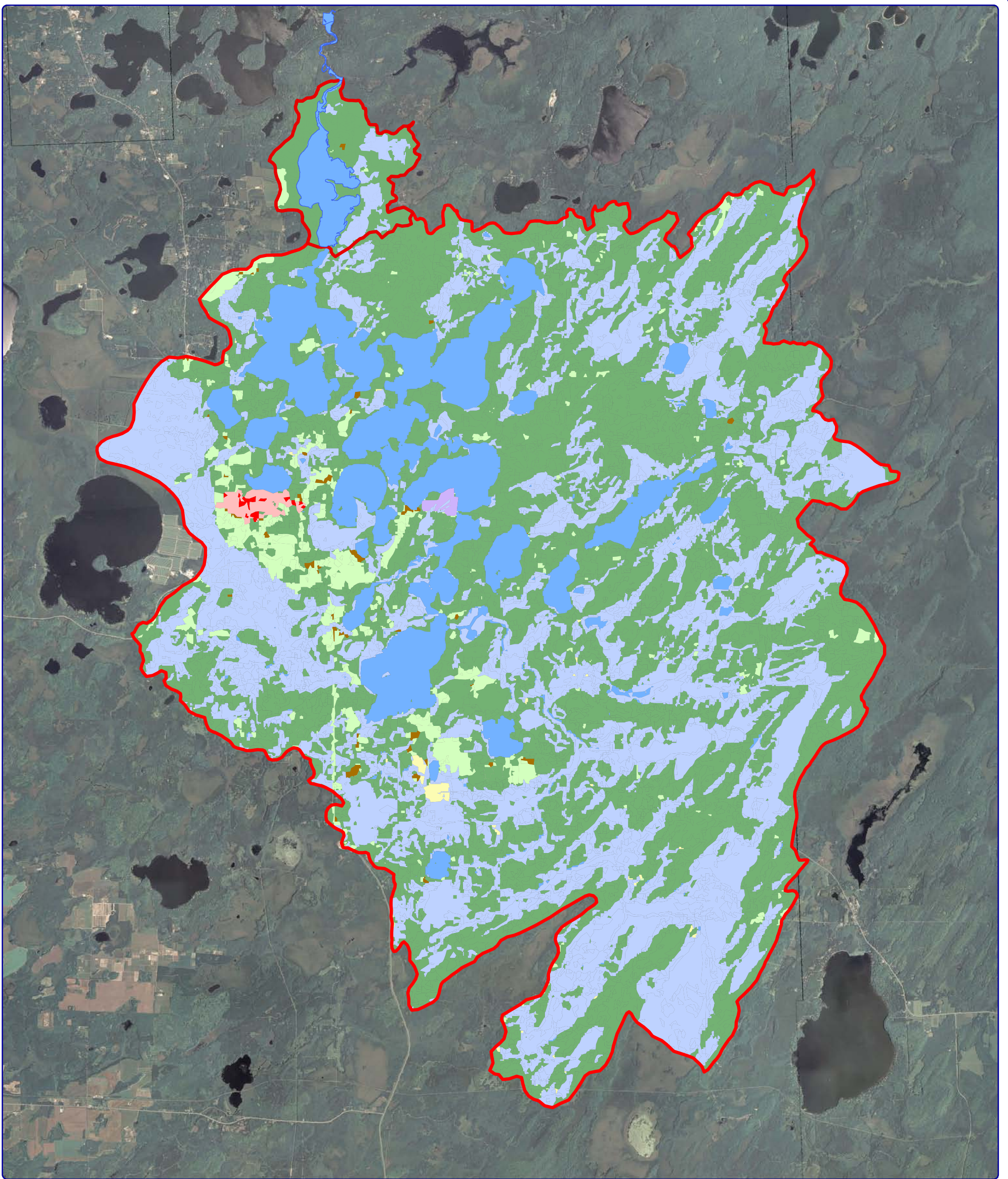
Sources:  
 Hydrology: WDNR  
 Roads: WDNR  
 Map Date: January 28, 2010  
 File Name: Map1\_ThreeLake\_Location\_proposal



- Legend**
- Water Quality Sampling Location
  - Burnt Rollway Dam
  - Boat Landing
  - Project Lake

Map 1  
 Long Lake  
 Oneida County, Wisconsin  
**Project Location & Water  
 Quality Sampling Location**





Project Location in Wisconsin

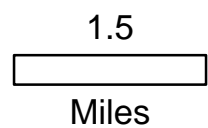
Sources:  
 Watershed: WDNR & Onterra  
 Landcover: WISCLAND  
 Hydro: WDNR  
 Orthophotography: NAIP, 2010  
 Map Date: August 27, 2010  
 Filename: Map2\_Long\_Watershed.mxd



**Legend**

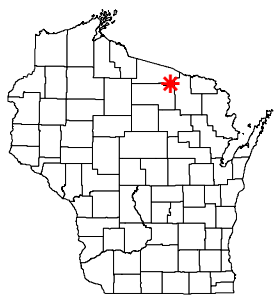
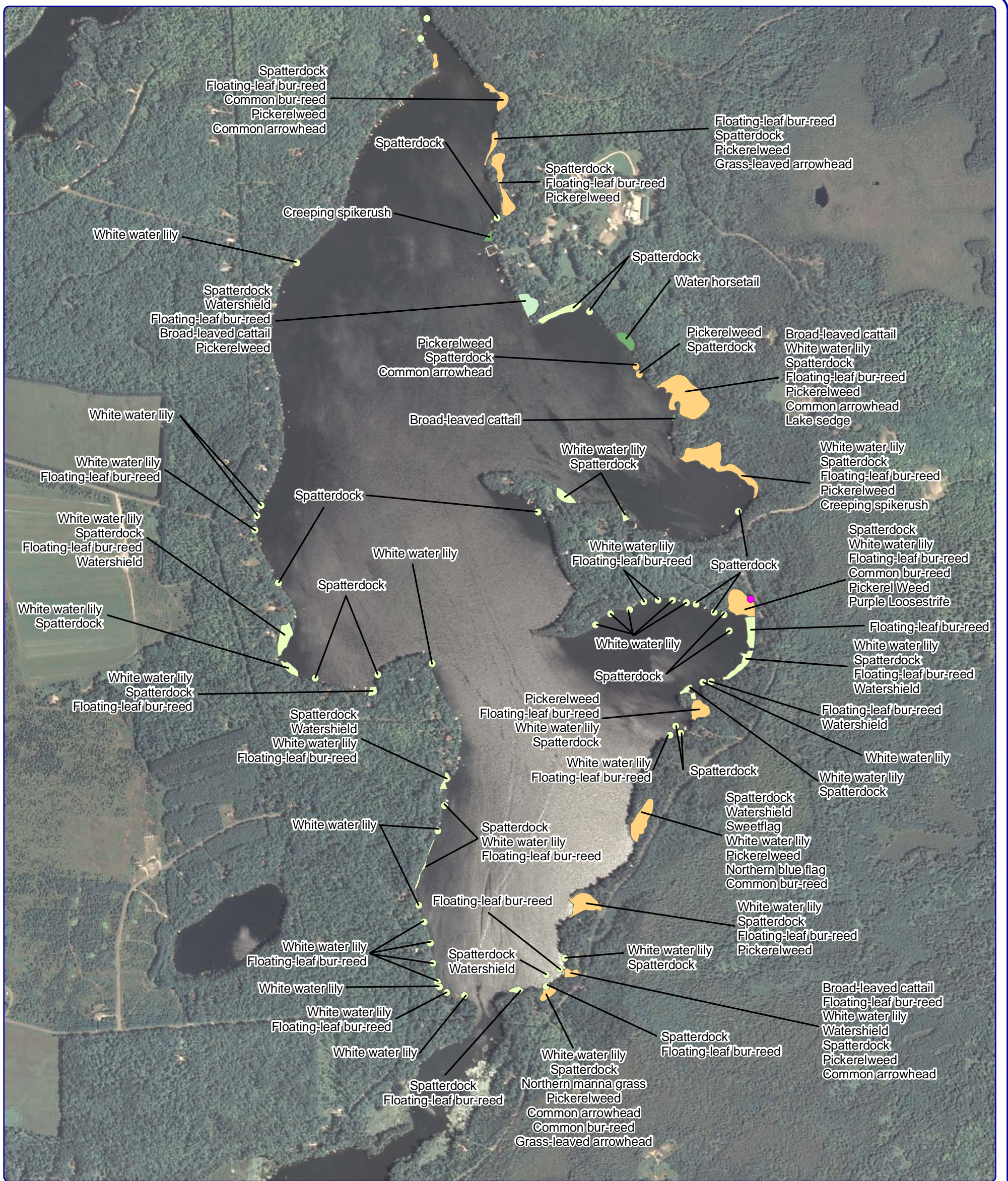
-  Watershed Boundary
- Land Cover Types**
-  Row Crop Agriculture
-  Pasture/Grass
-  Forest
-  Open Water
-  Wetland
-  Medium Density Urban
-  High Density Urban
-  Golf Course

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



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Project Location in Wisconsin

### Legend

#### Small Plant Communities

- Emergent
- Floating-leaf
- Mixed floating-leaf & emergent
- Purple Loosestrife (Exotic)

#### Large Plant Communities

- Emergent
- Floating-leaf
- Mixed floating-leaf & emergent

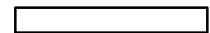
## Map 3

# Long Lake

Oneida County, Wisconsin

## Aquatic Plant Communities

1,000



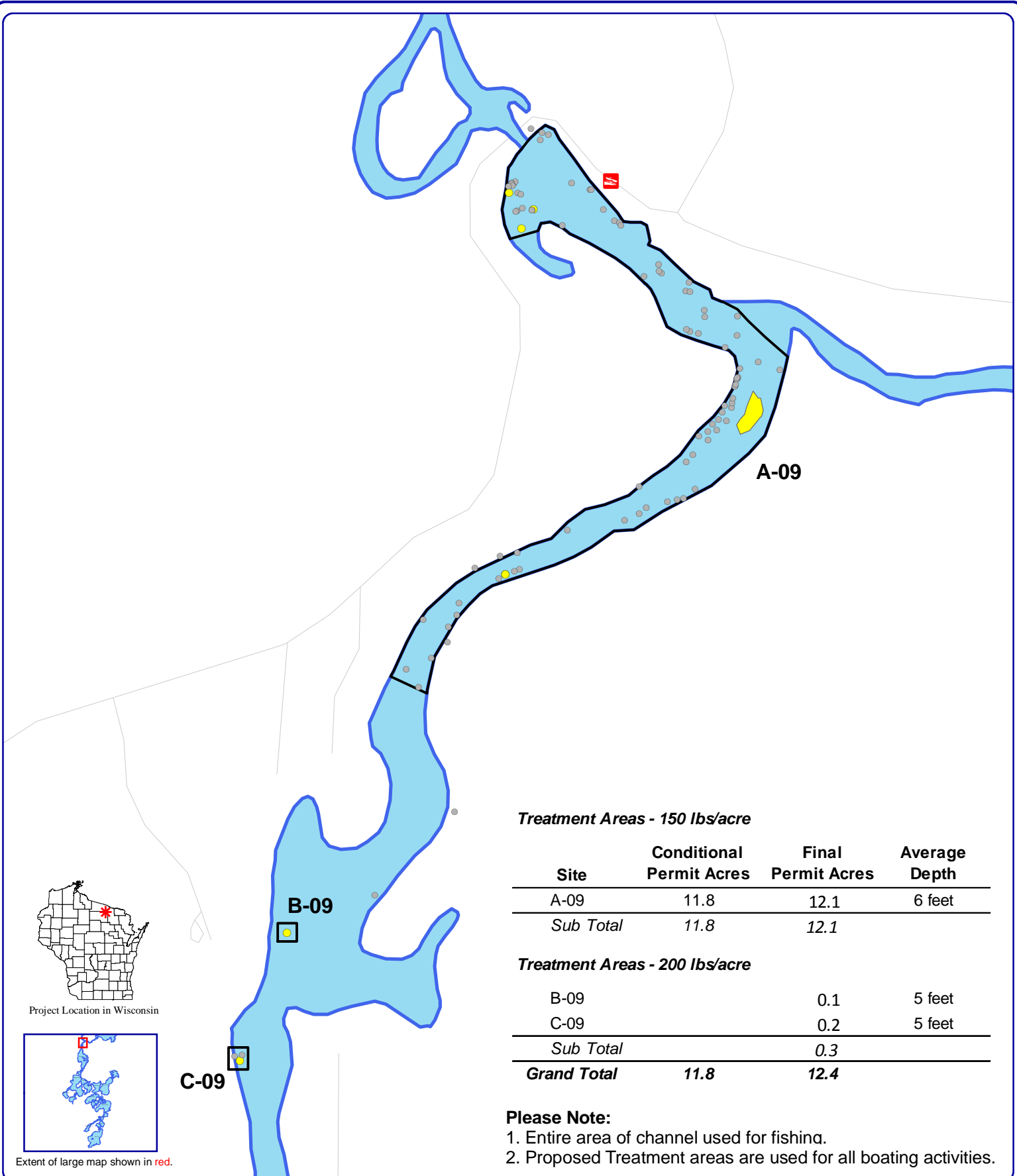
Feet

Sources:  
 Roads & Hydro: WDNR  
 Orthophotography: NAIP, 2010  
 Aquatic Plant Survey: Onterra, 2009  
 Map Date: February 22, 2010  
 Filename: Map3\_Long\_Comm\_Aug09.mxd



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**Treatment Areas - 150 lbs/acre**

Site	Conditional Permit Acres	Final Permit Acres	Average Depth
A-09	11.8	12.1	6 feet
<i>Sub Total</i>	11.8	12.1	

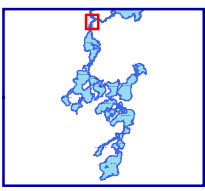
**Treatment Areas - 200 lbs/acre**

B-09		0.1	5 feet
C-09		0.2	5 feet
<i>Sub Total</i>		0.3	
<b>Grand Total</b>	<b>11.8</b>	<b>12.4</b>	

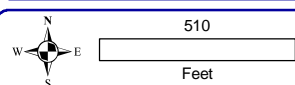
**Please Note:**  
 1. Entire area of channel used for fishing.  
 2. Proposed Treatment areas are used for all boating activities.



Project Location in Wisconsin



Extent of large map shown in red.



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**Sources:**  
 Aquatic Plants: Onterra, 2008 & 2009  
 Roads & Hydro: WDNR  
 Map date: June 2, 2009  
 Filename: Map4\_Long\_T2009.mxd

**Legend**  
 Final 2009 Treatment Area  
**Sept. 2008 EWM Survey Results**  
 Single or Few Plants  
 Many Plants or Clumps of Plants  
 Colony

Map 4  
**Eagle River**  
 Oneida County, Wisconsin  
**2009 Final**  
**EWM Treatment Areas**



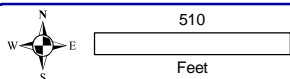




Project Location in Wisconsin



Extent of large map shown in red.



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Sources:  
Aquatic Plants: Onterra 2010  
Roads & Hydro: WDNR  
Map date: March 2, 2011  
Filename: Map5\_Long\_EWM\_Oct2010.mxd

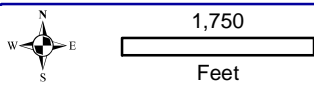
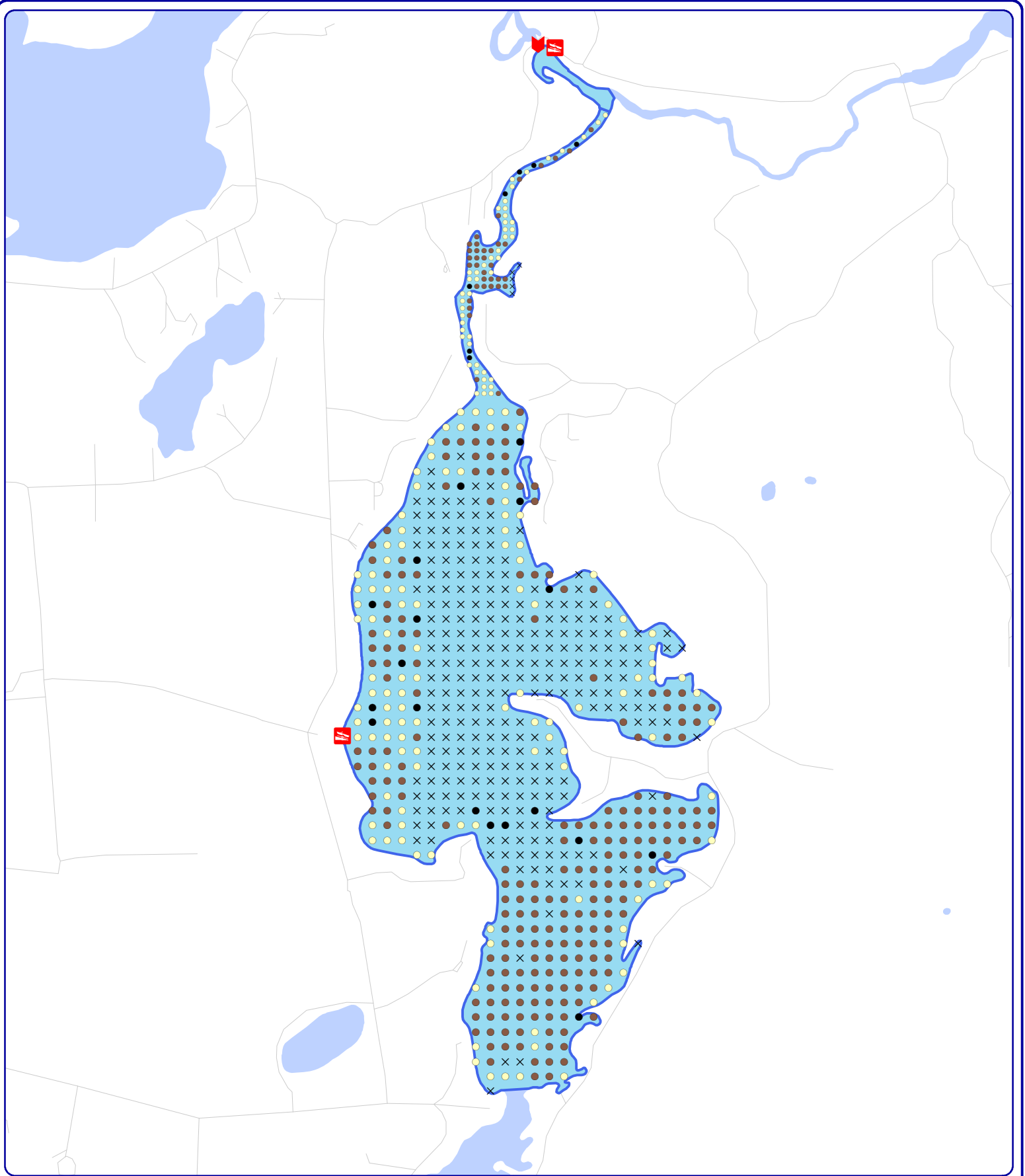
### Legend

Early October 2011 EWM Survey Results  
*(All plants hand pulled with rake)*

- ✕ Single or Few Plants
- ✚ Many Plants or Clumps of Plants

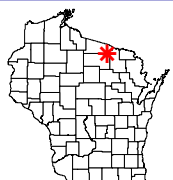
Map 5  
**Eagle River**  
Oneida County, Wisconsin  
**2010 EWM Locations**





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<BOL>Sources:</BOL>  
 Roads & Hydrology: WDNR  
 Sediment Data: Onterra, 2009  
 Map Date: January 28, 2010  
 File Name: Map6\_Long\_Oneida\_sediment.mxd



Project Location in Wisconsin

**Legend**

- Point-intercept Survey Results**
- x Too Deep, Unreachable, or No Data
  - Sand
  - Muck
  - Rock

**Map 6**  
 Long Lake  
 Oneida County, Wisconsin  
**Point-intercept Survey**  
**Sediment Types**

