



Land & Water Conservation Department

# Boom Lake

## Oneida County, Wisconsin

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Shoreline Surveillance Monitoring Report

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Shoreline Surveillance Monitoring Report





Land & Water Conservation Department

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## Boom Lake AIS Boat Launch and Shoreline Surveillance Monitoring Report

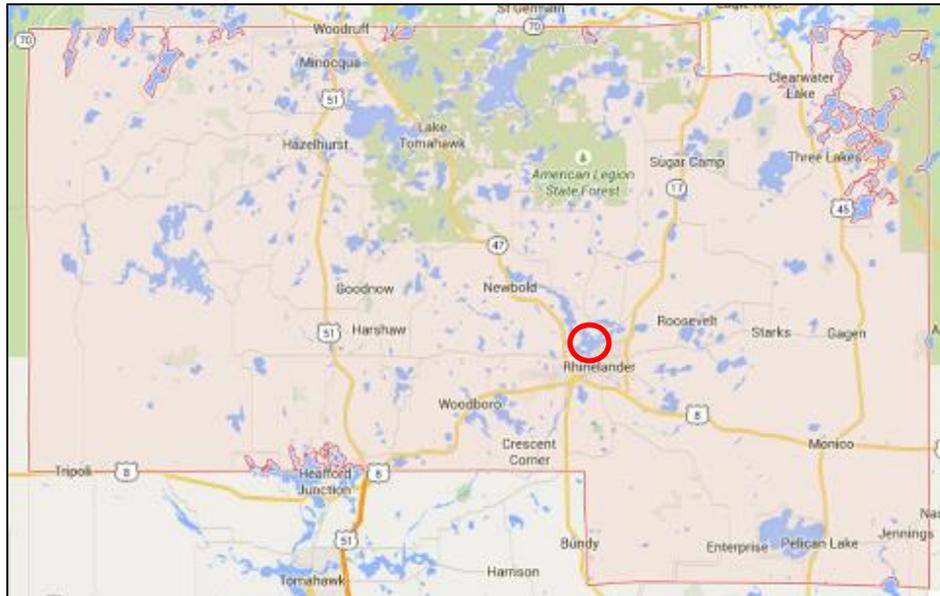
WBIC: 1580200  
Previous AIS Findings: Aquatic Forget-Me-Nots, Chinese Mystery Snails, Curly-Leaf Pondweed  
New AIS Findings: Yellow Iris and Rusty Crayfish  
Field Date: June 5, 2020  
Field Crew: Aubrey Nycz, Lead AIS Project Assistant and Rachel Cook, AIS Project Assistant, Oneida County Land and Water Conservation Department  
Report By: Aubrey Nycz

On June 5, 2020, Aubrey Nycz, AIS Lead Project Assistant, and Rachel Cook, AIS Project Assistant, visited the Boom Lake boat landing located at Hodag Park, in Oneida County, to perform an AIS landing check (Figure 1). The main duties performed at AIS landing checks are to inspect shoreline vegetation, shallow aquatic vegetation, deeper aquatic vegetation (via rake), look for invasive animals, and replace old signs if needed. A GPS unit can be used to mark where the AIS check is performed, and to also mark invasive organisms if found. For today's landing check, I used the GPS on my phone to gather coordinates.

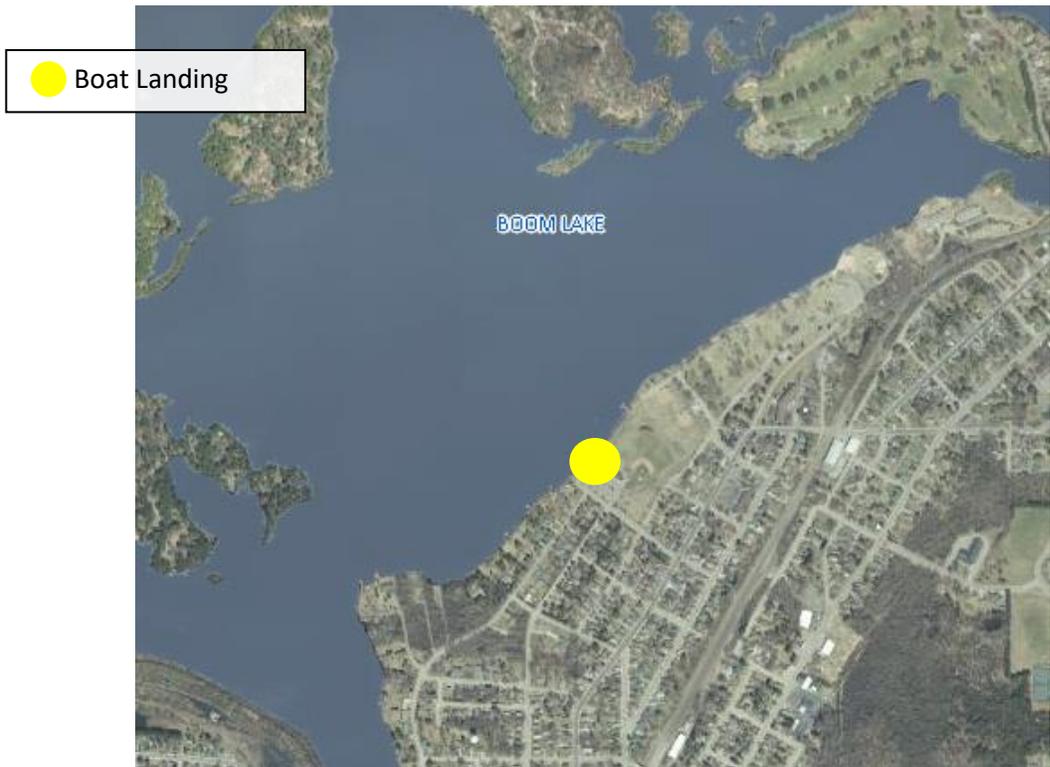
Boom Lake is a 365 acre drainage flowage with one public boat landing. The shoreline at the Boom Lake is mainly rock and sand..

While surveilling the shoreline, we observed Yellow Iris and Rusty Crayfish. Because these are not verified on Boom Lake, we collected samples and filled out a plant and animal incident report so that they can be confirmed by the Department of Natural Resources.

**Figure 1.** Map of Oneida County, WI with Boom Lake circled in red.



**Figure 2.** AIS Boat Launch and Shoreline Surveillance Monitoring Location.



**Resources:** <https://dnr.wi.gov/lakes/lakepages/LakeDetail.aspx?wbic=1580200>

# Boom Lake, Oneida County, Wisconsin

Oneida County, Wisconsin

Page 1: AIS Landing Only Monitoring of  
September 18, 2019





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## Boom Lake AIS Monitoring and Water Clarity Report

WBIC: 1580200  
Previous AIS Findings: Aquatic forget-me-not, Chinese Mystery Snail, Curly-Leaf Pondweed  
New AIS Findings: None  
Field Date: September 18, 2019  
Field Crew: Lauren Radtke, AIS Project Assistant, Oneida County Land and Water Conservation Department  
Report By: Lauren Radtke

On September 18, 2019, I visited the Boom Lake landing at Hodag Park to conduct Aquatic Invasive Species (AIS) monitoring (Figure 2). The main duties performed at AIS landing checks are to inspect shoreline vegetation, shallow aquatic vegetation, deeper aquatic vegetation (via rake), to look for invasive animals. Aqua-scopes were used to look at underwater solid surfaces.

Boom Lake, located in Oneida County, is a 365 acre drainage lake with a maximum depth of 30 feet (Figure 1). The substrate is 50% sand, 10% gravel, 5% rock, and 35% muck. Along with reporting the depth and substrate, the Wisconsin Department of Natural Resources (WDNR) reports that the lake has musky, panfish, largemouth bass, smallmouth bass, northern pike, and walleye. While I was monitoring, I did not observe any fish.

### AIS Monitoring

The rake was tossed off of each of the docks at the landing and at the canoe launch area in multiple directions to collect plant samples. The shoreline that was searched for invasive species can be seen in figure 2.

### Findings

Taken between 11:35am and 12:05pm.

### Aquatic Invasive Species

No new invasive species were discovered on Boom Lake.

Figure 1. Map of Oneida County, WI with Boom Lake circled in red (approximate location)

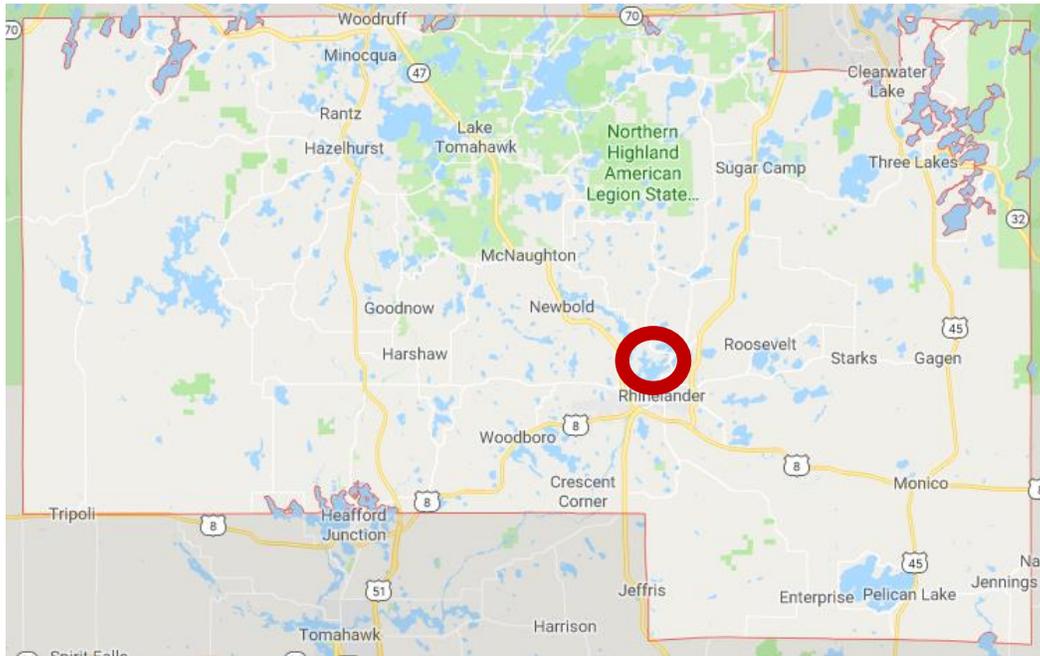


Figure 2. Map of Boom Lake with location of landing labeled



**Figure 3.** Area searched for invasive species.

— Area Searched



**Resources:** <https://dnr.wi.gov/lakes/lakepages/LakeDetail.aspx?wbic=1580200>