



Capital Region PRISM AIS Survey Report

Date(s): September 21st, 2022

Site Name: White Birch Lake

Site Size: 12 Acres

Waterbody Perimeter: 0.6 miles

Mean Depth: --

GPS Location: 42.565862, -74.156969

Physical Address: Berne, NY 12023

Town: Berne

County: Albany

Property Owner Contact: NYS Department of Environmental
Conservation

Primary Contact: DEC Region 4 Schenectady Office | (518) 357-
2154 | Wildlife.r4@dec.ny.gov

Secondary Contact: Joseph Nelson - Wildlife Technician II
Division of Fish and Wildlife | (518)-357-2149 |
joseph.nelson@dec.ny.gov

Survey Leader: Hannah Coppola

Phone: (518) 885-8995 ext. 2215

Team Members: N/A

iMapInvasives User ID: 21052

Section 1: Survey Summary

On September 21st, 2022 the Capital Region PRISM conducted an aquatic survey on White Birch Lake, located within Partridge Run Wildlife Management Area in Albany County. The survey focused on early detection of Tier 1 and 2 aquatic invasive species. Upon completion of the survey it was determined that banded mysterysnail was observed in White Birch Lake.

Site Description

White Birch Lake is a 12-acre waterbody located in Partridge Run Wildlife Management Area. The lake substrate is comprised of sand, boulders, and muck with a bottom cover of macrophytes and leaf pack.

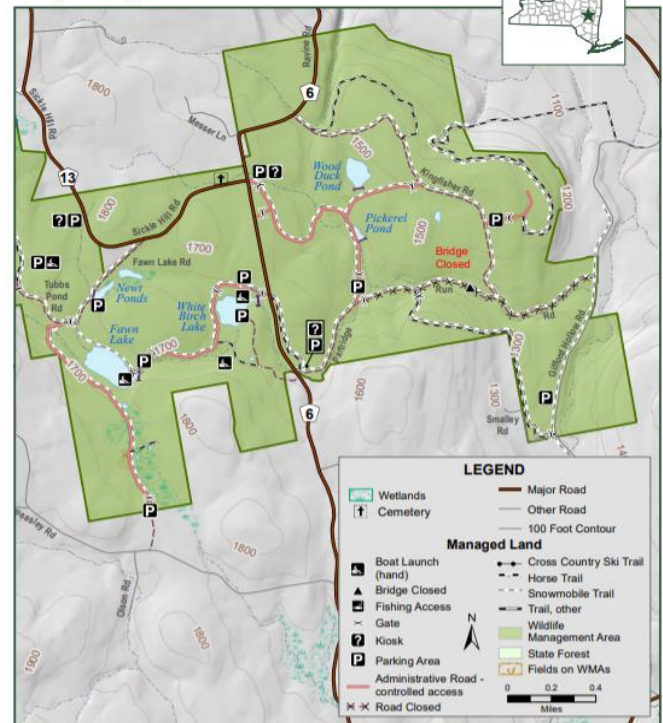
A cartop boat launch is located on the eastern shore of the waterbody. Only non-motorized watercraft are permitted on White Birch Lake. A dam is located on the northeastern shore of the waterbody.

Survey Techniques

Entire waterbody, top water

- Top-side (visual)
- Rake toss

PARTRIDGE RUN, East Wildlife Management Area

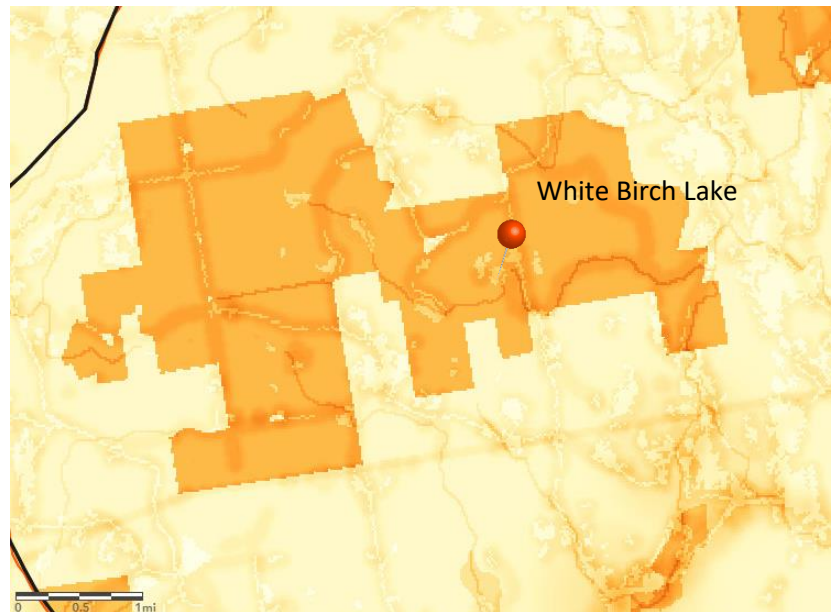




NYS Invasive Species Prioritization Model

White Birch Pond is located within Partridge Run Wildlife Management Area which has a high comprehensive score on the NYS Invasive Species Prioritization Model. Locations with high comprehensive scores have high ecological significance, a high risk of spread of invasives into the area, and high value according to their protected status. Early detection is important in these locations to ensure timely management of new infestations if detected.

[NYS Invasive Species Prioritization Model](#)



Does this site contain previously treated infestations?

No

Section 2: Survey Result Summary

Aquatic Invasive Species Presence

Common Name	Scientific Name	Location (GPS)	Growth Type	Phenology	Abundance
Banded mysterysnail	<i>Viviparus georgianus</i>	Multiple Locations	Animal	--	Densely populated

Growth Type: Tree, Shrub, Vine, Ground Cover, Herbaceous, Riparian, Submerged, Floating, Emergent, Wetland, Pest, Animal

Phenology: Flowering, Leaf unfolding, fruit ripening, leaf color change, dormant, swarming, spawning, emergence (insects), migrating, in seed, senesce

Distribution/Abundance: Trace (single plant/clump), Sparse (scattered plants/clumps), Dense plants/clumps, Linearly scattered, Monoculture

Native Species Presence

- Eelgrass (*Vallisneria americana*)
- Waterweed (*Elodea spp.*)
- Robbin's pondweed (*Potamogeton robbinsii*)
- Large-leaf pondweed (*Potamogeton amplifolius*)
- Coontail (*Ceratophyllum demersum*)



- Chara (*Chara vulgaris*)
- Arrowhead (*Sagittaria sp.*)

[Map](#)



Section 3: Summary of Recommendations

Prevention

Ensure ample AIS signage is present within the park at each waterbody's launch area.

Management

There is currently no recommended control method for banded mysterysnail.

Post-Survey Monitoring

White Birch Lake is considered a Priority Waterbody in the Capital Region PRISM. Early detection surveys will be conducted at Partridge Run Wildlife Management Area on a biannual basis to ensure any infestations are detected early when eradication is still possible.

Will an Invasive Species Management Plan be created?

- Not at this time.

