



## Capital Region PRISM Macrophyte Survey Report

Date(s): August 21<sup>st</sup>, 2022  
Site Name: Fawn Lake  
Site Size: 20.8 acres  
Waterbody Perimeter: .7 miles  
Mean Depth: --  
GPS Location: 42.562381, -74.167665  
Physical Address: Fawn Lake Rd.  
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  
Survey Leader: Pamela Aprilliano – AIS Watercraft Launch Steward Supervisor  
Phone: 518-885-8995  
Email: [pca46@cornell.edu](mailto:pca46@cornell.edu)  
Team Members: Caleb Lines (Watercraft Launch Steward)  
iMapInvasives User ID: 8406

### Section 1: Survey Summary

On August 21<sup>st</sup>, 2022 the Capital Region PRISM conducted an aquatic survey on Fawn Lake in Albany County for Tiers 1-4 aquatic invasive species. Upon completion of the macrophyte survey, it was confirmed that there continues to be a small infestation of water chestnut present in Fawn Lake. No other AIS were identified.

### Site Description

Fawn Lake is 20.8-acre waterbody located within Partridge Run Wildlife Management Area. The lake substrate is comprised of muck, sand, and some rock with bottom cover including macrophytes, and woody debris. The littoral zone of the lake is dominated by elodea, eelgrass and native pondweeds.

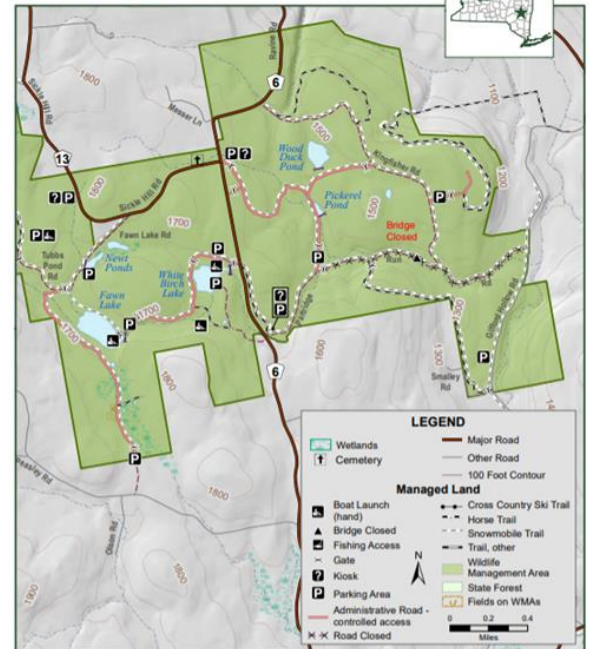
Motorized watercraft are prohibited. A small hand launch and dock is accessible for non-motorized watercraft. A small dam and spillway are located at the east end of the waterbody.

Fawn Lake is located within the Helderberg Bird Conservation Area which provides essential habitat for both resident and migrant birds.

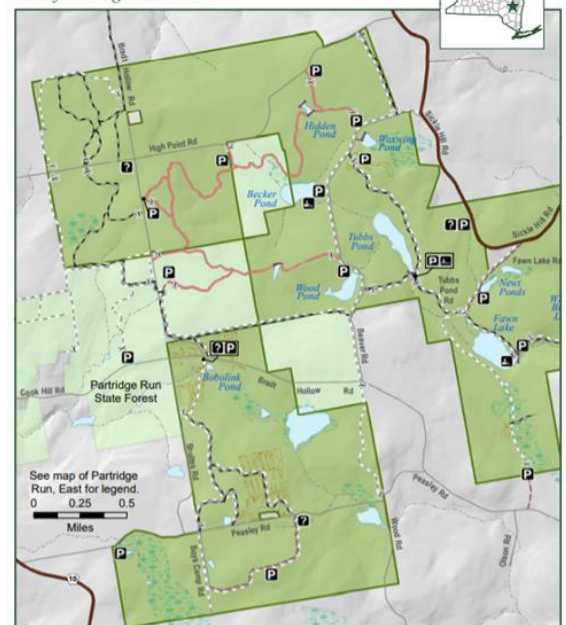
### Survey Techniques

- Entire waterbody, top water
- Top-side (visual)

PARTRIDGE RUN, East  
Wildlife Management Area



PARTRIDGE RUN, West  
Wildlife Management Area





## NYS Invasive Species Prioritization Model

Fawn Lake is located within Partridge Run Wildlife Management Area which has a moderately high comprehensive score on the NYS Invasive Species Prioritization Model. Fawn Lake has been identified by the Capital Region PRISM as a priority waterbody using the comprehensive priority waterbody model.

### [NYS Invasive Species Prioritization Model](#)



Does this site contain previously treated infestations?

Yes

## Section 2: Survey Result Summary

### Aquatic Invasive Species Presence

Common Name	Scientific Name	Location (GPS)	Growth Type	Phenology	Abundance
Water chestnut	<i>Trapa natans</i>	Multiple locations	Floating	Fruit ripening	Dense

**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

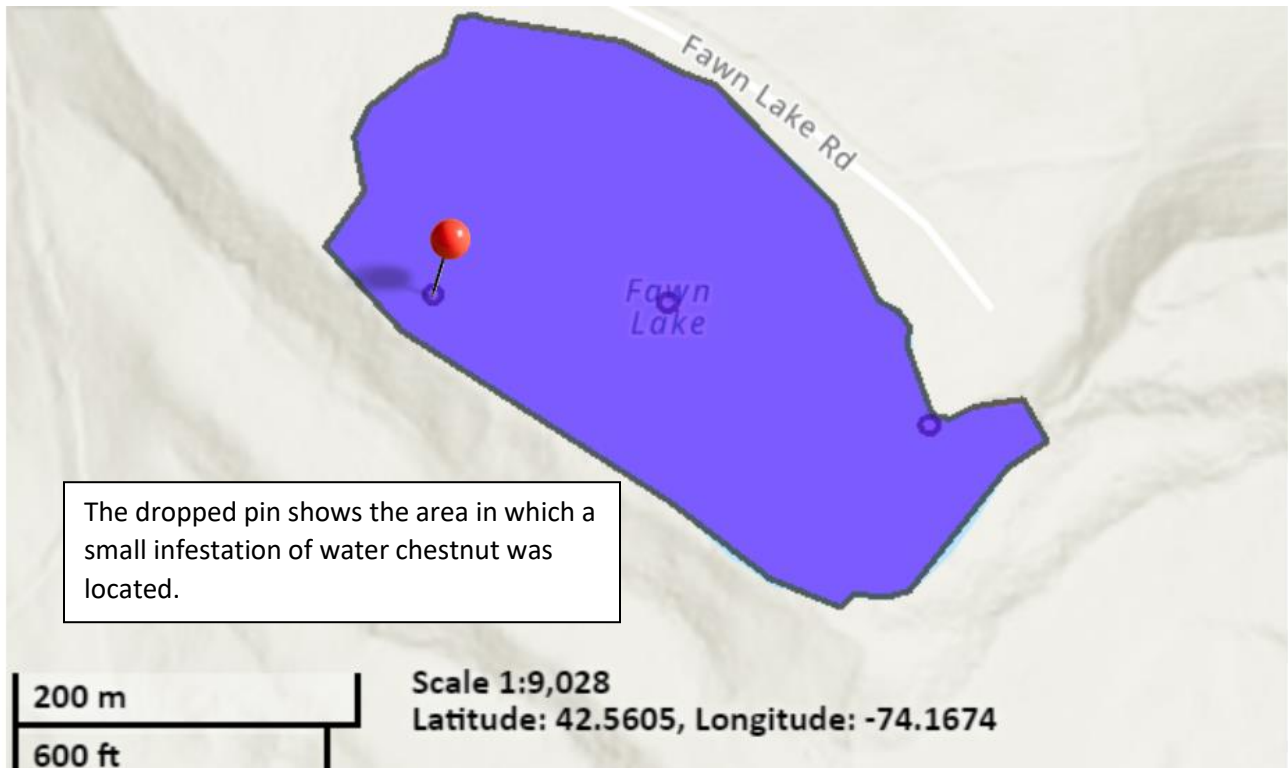
### Native Species Presence

- Eelgrass (*Zostera marina*)
- Robbin's pondweed (*Potamogeton robbinsii*)
- Big-leaved Pondweed (*Potamogeton amplifolius*)
- American Bur-reed (*Sparganium americanum*)
- Spatterdock (*Nuphar variegata*)
- Common waterweed (*Elodea canadensis*)
- Muskgrass (*Chara spp*)



- Common Duckweed (*Lemna minor*)
- Needle Spikesedge (*Eleocharis acicularis*)
- Painted Turtle (*Chrysemys picta*)
- Pickerel frog (*Lithobates palustris*)
- Native crayfish species

## Map



## Section 3: Summary of Recommendations

### Management

A small population of water chestnut >10lbs was removed. Annual surveying of this location is recommended to control the small water chestnut population.

### Post-Survey Monitoring

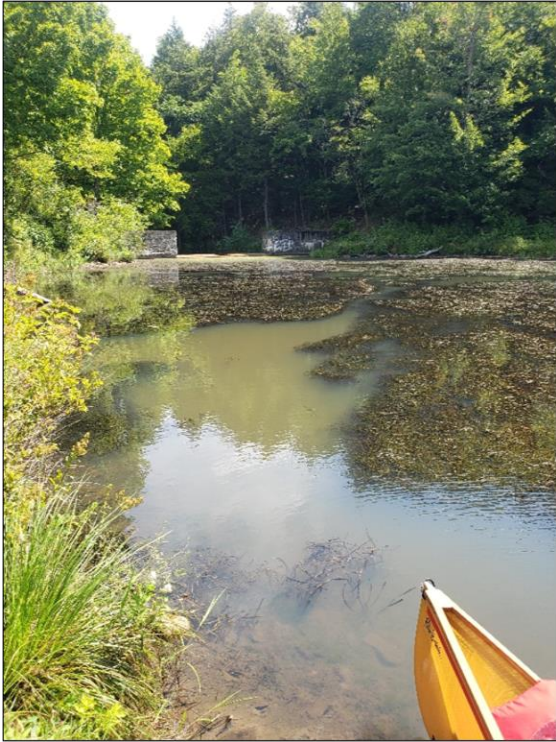
Fawn Lake will be surveyed on an annual cycle for water chestnut and other potential AIS.

*Will an Invasive Species Management Plan be created?*

- Not needed at this time.



[Photos](#)





Capital Region PRISM  
Partnership for Regional  
Invasive Species Management

Cornell Cooperative Extension | Saratoga County  
50 West High St.  
Ballston Spa, NY 12020  
(518) 885-8995

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