



## Capital Region PRISM AIS Survey Report

Date(s): July 12<sup>th</sup>, 2022

Site Name: Archer Vly / Archer Valley Lake

Site Size: 22.1 acres

Waterbody Perimeter: 1.1 miles

Mean Depth: --

GPS Location: 43.157629, -73.962208

Physical Address: Plank Rd, Porter Corners, NY 12859

Town: Greenfield

County: Saratoga

Property Owner Contact: NYS Department of Environmental  
Conservation

Primary Contact: DEC Region 5 Warrensburg Office | (518) 623-  
1200 | info.r5@dec.ny.gov

Secondary Contact:

Survey Leader: Kristopher Williams

Phone: (518) 885-8995

Team Members: Hannah Coppola (AIS Program Manager) Ben Caligiuri (IS Technician)

iMapInvasives User ID: 21052



## Section 1: Survey Summary

On July 12th, 2022 the Capital Region PRISM conducted an aquatic survey on Archer Valley Lake, located in Saratoga County. The survey focused on early detection of Tier 1, 2 and 4 aquatic invasive species. Upon completion of the survey it was determined that Chinese mystery snail is present in the waterbody. No other AIS were detected.

### Site Description

Archer Valley Lake is a 22.1-acre waterbody located in Greenfield, NY. The waterbody is part of the NYS DEC Conservation Easement Lands Lake Desolation Road Tract. The waterbody substrate is muck with a bottom cover of macrophytes at the far end of the lake.

Archer Valley Lake is a public waterbody with a small hand launch present. Non-motorized watercraft are permitted.

### Survey Techniques

Entire waterbody, top water

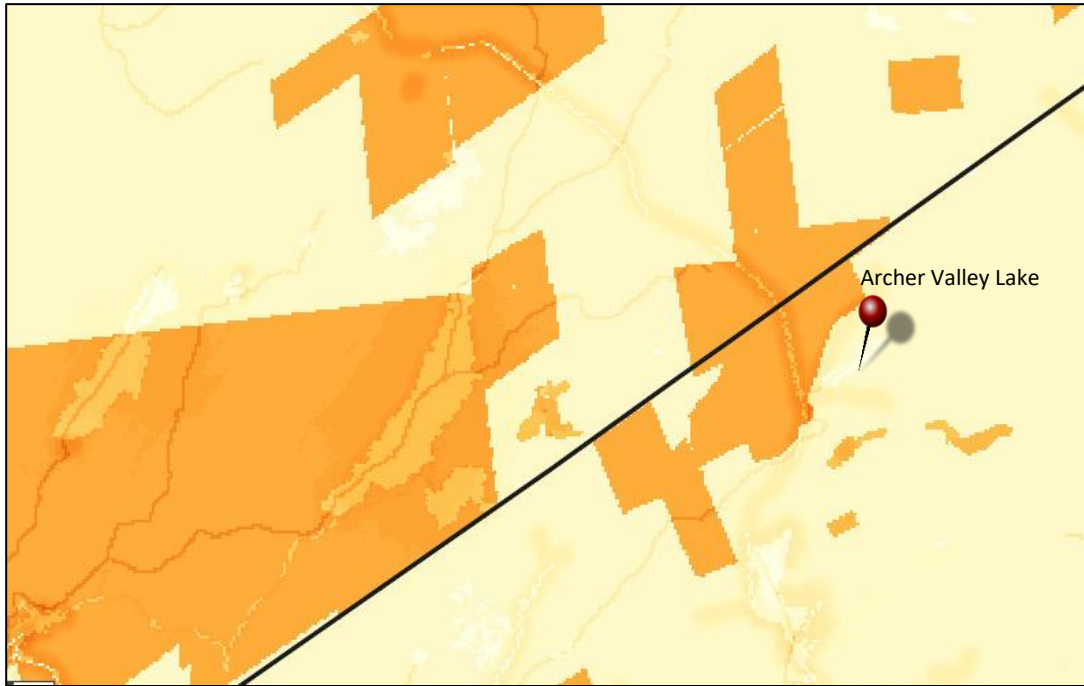
- Top-side (visual)
- Rake toss



## NYS Invasive Species Prioritization Model

Archer Valley Lake is located near an area with a medium-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.

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



Does this site contain previously treated infestations?

No

## Section 2: Survey Result Summary

### Aquatic Invasive Species Presence

- Chinese Mystery Snail (*Cipangopaludina chinensis*)

Common Name	Scientific Name	Location (GPS)	Growth Type	Phenology	Abundance
Chinese Mystery Snail	<i>Cipangopaludina chinensis</i>	43.157629, -73.962208	Animal	Animal	Sparse, throughout waterbody

**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

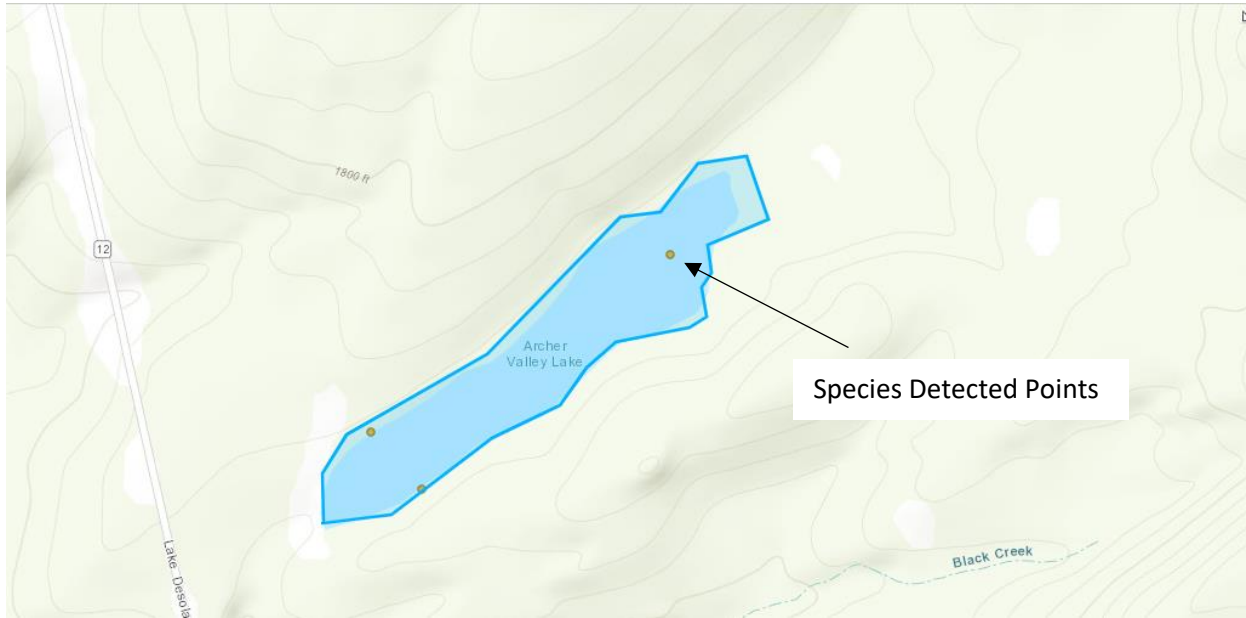
**Distribution/Abundance:** Trace (single plant/clump), Sparse (scattered plants/clumps), Dense plants/clumps, linearly scattered, Monoculture

### Native Species Presence

- Common Bladderwort (*Utricularia vulgaris*)
- Pickerelweed (*Pontederia cordata*)
- Watershield (*Brasenia schreberi*)



## [Map](#)



## Section 3: Summary of Recommendations

### Prevention

Prevention efforts are recommended to reduce the chance of new aquatic invasive species introductions into Archer Valley Lake. The restricted access to the lake with only non-motorized watercraft helps prevent unwanted species being introduced through reduction of visitors.

- Identifying and reporting any suspected aquatic invasive species is encouraged to ensure early detection.

### Management

- N/A

### Post-Survey Monitoring

Archer Valley Lake is not considered a Priority Waterbody in the Capital Region PRISM and will not be surveyed on a regular schedule. The Capital Region PRISM will conduct triannual surveys for early detection of aquatic invasive species.

*Will an Invasive Species Management Plan be created?*

- N/A



[Photos](#)

