



Capital Region PRISM AIS Detect and Monitor Report

Black River Pond, Rensselaer County

About This Priority Waterbody

Black River Pond embodies 1.2 miles of shoreline and a maximum depth of 26 feet. Located within Cherry Plain State Park, the waterbody outflows into Kinderhook Creek.

The lake is regularly utilized for fishing and boating activities, although no motors are permitted. The shoreline is comprised primarily of forest, a public beach, and Park roadway. Additionally, a dam is located at the south end of the waterbody. The bottom cover of the lake is primarily comprised of cobble/gravel/muck. Public access to Black River Pond is provided at a small hand launch on the Northern end. Golden Shiner, Brown Bullhead, Pumpkinseed and Yellow Perch are documented to inhabit this waterbody.



Invasive Species Previously Recorded at Black River Pond

Common Name	Scientific Name	Location (GPS)	Growth Type	Phenology	Abundance
No AIS have been detected within this 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

Capital Region PRISM AIS Early Detection Survey

On July 17th, 2023 the Capital Region PRISM conducted an aquatic survey on Black River Pond located in Rensselaer County. The survey focused on early detection of Tier 1 and 2 aquatic invasive species, as well as commonly found Tier 3 & 4 AIS. Upon completion of the survey it was determined that no aquatic invasive species were detected during this survey. Native milfoil is the most abundant species in this waterbody, in addition to other native species and dragon/damselflies. Due to native milfoil presence, caution should be exercised if management takes place. Contact the Capital Region PRISM for questions.

General Information	
Waterbody Name: Black River Pond	Date of Survey: July 17 th , 2023
Survey Lead: Hannah Coppola	Time to Conduct Survey:
Team Members: Hannah Coppola	Address: Cherry Plain State Park 10 State Park Rd, Petersburg, NY 12138
iMapInvasives User ID: 12052	County: Rensselaer
Property Owner Contact: OPRHP	Coordinates: 42.617651, -73.409583
Date of Last Survey: 9/28/2021	Waterbody Acreage: 34.6acres
Recommended Date of Next Survey: 2026	Average Depth: N/A. Maximum depth of 26 feet
Has This Site Received Previous Management? N/A <i>If so by who, when, what?</i>	

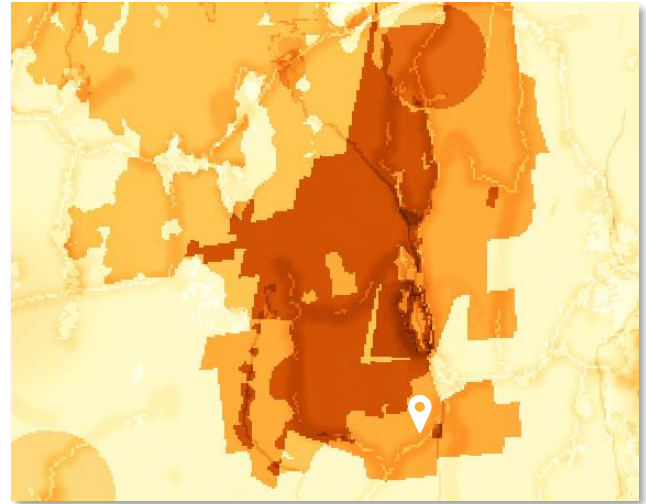


Survey Techniques

This survey was conducted using top side visual and meandering rake toss methodology.

New York State Invasive Species Prioritization Model

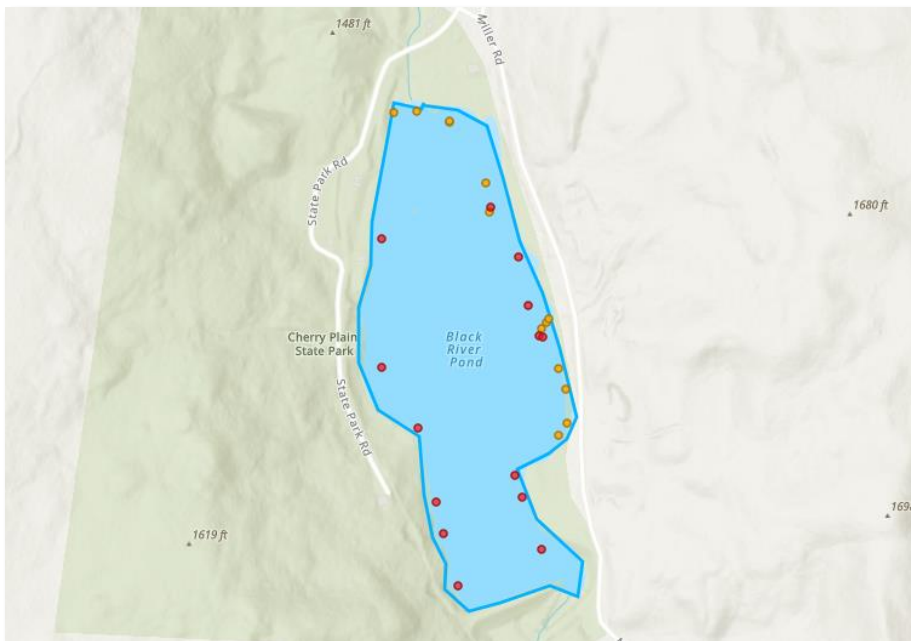
Black River Pond has a **high to very high comprehensive score** on the NYS Invasive Species Prioritization Model. Locations with high comprehensive scores have high ecological significance, a high risk of spread of invasives into the area, and high value according to their protected status. Early detection is important in these locations to ensure timely management of new infestations if detected. [NYS Invasive Species Prioritization Model](#)



Native Species Presence

Common Name	Scientific Name	Estimated Abundance
Native water milfoil	N/A	Widespread, dense/sparse areas
Spatterdock	<i>Nuphar variegata</i>	Sparse, multiple locations
Ribbon leaf pondweed	<i>Potamogeton epihydrus</i>	Sparse
Watershield	<i>Brasenia schreberi</i>	Sparse, multiple locations

- **Native Vegetation Distribution: Dominant** (Natives are the most common plants and widespread)





Summary of Recommendations

Prevention

Prevention efforts are recommended to reduce the chance of new aquatic invasive species introductions into Black River Pond. The restricted public access and use of non-motorized watercraft on the lake helps prevent unwanted species being introduced through reduction of visitors and motors.

Ensuring clean, drain, dry practices are being followed when transporting watercraft from one waterbody to another is also recommended. Signage is recommended to educate boaters on clean, dry, dry practices. Identifying and reporting any suspected aquatic invasive species is encouraged to ensure early detection.

Survey Photos

