



Capital Region Partnership for Regional Invasive Species Management Detection & Monitoring Report

Purpose:

The Invasive Species Survey Report will provide an overview and help identify baseline site composition and guide potential invasive species response actions (control/treatment, post-treatment monitoring, adaptive management, restoration, and research) at a specific site over time.

This form can be found online as "Detect & Monitor Survey Report Template" at <https://www.capitalregionprism.org/reports-and-products.html> or with a request. Please consult the Capital Region PRISM if there are any questions at (518)-885-8995. Please capture and collect data using [iMapInvasives](#). The online software platform and associated mobile application are free and open sourced.

Section 1: Survey Summary

This section provides an overview of the site, contact information, etc. Save the report for your records and to guide potential future management decisions.

To determine site value, we recommend using a [Framework of Response](#). Resources the Capital Region PRISM recommends are the New York Natural Heritage Program (NYNHP) [Prioritization Model](#), the [New York Protected Area Database \(NYPAD\)](#) and the [New York State Department of Environmental Conservation Resource Mapper](#). These models and databases will allow you to assess your site's value based on a few factors. Sites should receive a comprehensive evaluation that includes ecological considerations such as ecosystem health and composition, invasive species present on site, and conservation targets. Other factors to consider are the significance of a site's cultural, social, or recreational value to the public. Although the Capital Region PRISM cannot directly assist with all projects, we can provide consultations to determine how to begin assessing ecosystem health and invasive species present on the property as well as provide best management practices regarding invasive species response.

Section 2: Survey Result Summary

The survey summary section will contain the goals, site description, survey methods, and maps generated from your survey efforts. Please fill out the provided table and insert screen shots of iMapInvasives maps and other relevant maps or documents. This form will serve as a record of your efforts and is intended to guide future management decisions.

Section 3: Summary of Recommendations

The recommendation section contains treatment calendars and post-season summaries. Most sites need to be revisited on a regular basis to document successes/failures, identify any changes needed, and update future treatment calendars.





Section 1: Survey Summary

General Information	
Date Survey Conducted: 6/4/2024	Property Owner Name, Title, and Contact: William Schwerd, Executive Director, wms4@cornell.edu Cornell Cooperative Extension of Saratoga County
Site Name: Saratoga County 4-H training center	
Site Address (if different): 556 Middleline Rd, Ballston Spa, NY 12020	Survey Leader Name, and Contact: Riley Willard, rjw278@cornell.edu
Latitude/Longitude: 43.007137, -73.880284	County: Saratoga
Total Parcel Size (acres): 44 acres	Team Member Name(s): Riley Willard
Worksite Size (acres): 0.92 acres	Permit(s)/Permission(s) Acquired? Yes
Report Author: Riley Willard	Data Recorder & iMapInvasives ID: Riley Willard- 29191

***Remember to obtain proper permissions before completing any detection & monitoring project. Please attach any permits/permissions completed for this project as an appendix.

Conservation Goal:

- Delineate & assess a conservation value To prevent and protect a conservation value
 Local Eradication Post-Treatment Monitoring Containment
 Suppression Exclusion Restoration

Survey Type:

- Detection Follow-up Monitoring Detection Training eDNA
 Delineation Highly Probable Areas Volunteer Engagement

Site Description: Provide existing conditions of the site, current land use, landscape elements, historical uses, etc. This section should include information such as habitat composition, dominance of native species, list any known native species on site, any protected properties or larger landscape features that include site, etc.

The 4-H Training Center is a unique educational facility that serves Saratoga County 4-H, Cornell Cooperative Extension, and the greater Saratoga County community. The facility includes a classroom, indoor arena, outdoor arena, nature trails, limited-ability accessible gardens, greenhouse and other teaching facilities. The Center is located on 44 acres on Middle Line Road in the Town of Milton and is used nearly every day of the year. While developed for 4-H and Cornell Cooperative Extension use, the Center is open to community groups.

The Center was built by 4-H members, families, friends, and the community to meet the needs of the 4-H Youth Development Program of Cornell Cooperative Extension. The Center was built and is being maintained by local fund-raising efforts like the 4-H Walkathon, the 4-H Bowl-a-Thon, the annual Sleigh Ride, the Fall Auction and Family Day, along with donations and rentals.





Survey Techniques: Provide a clear and concise description of the work to be conducted, target species, and any survey methods used (i.e. Highly probable area search, rake toss, transect, etc.).

On the training center property there is about 44 acres of forested areas. For this survey TIS technicians will walk the property and map out any invasives present.

Section 2: Survey Result Summary

Common Name	Scientific Name	Tier Rank	Threat Ranking	Growth Form	Phenology/ Life stage	Percent Cover (%)	Distribution/ Abundance	Area Infested (acres/miles if linear)
Garlic Mustard	<i>Alliaria petiolata</i>	4	Very High	Herb	In seed	10%	Sparse	0.025 acres
Multiflora Rose	<i>Rosa multiflora</i>	4	Very High	Shrub	Vegetative	50%	Sparse	0.025 acres
Common Buckthorn	<i>Rhamnus cathartica</i>	4	Very High	Shrub	Vegetative	<5%	Trace	0.025 acres
Oriental Bittersweet	<i>Celastrus orbiculatus</i>	4	Very High	Vine	Vegetative	10%	Sparse	0.025 acres

*If a specific species is surveyed for and not detected please state that clearly in the table above.

Growth Form:

Terrestrial: Ground Cover, Herbaceous, Vine, Shrub, Tree, Insect, Animal

Aquatic: Submerged, Floating, Emergent, Riparian, Animal

Phenology/Life stage:

Plants: Vegetative, Flowering, Fruit/In Seed, Dormant, Dead

Insects: Egg, Larvae, Pupae, Crawler, Sisten, Adult, Dormant, Dead

Animals: Egg/Newborn, Fledging, Molting, Mating, Emerging, Feeding, Swarming, Migrating, Dormant, Dead

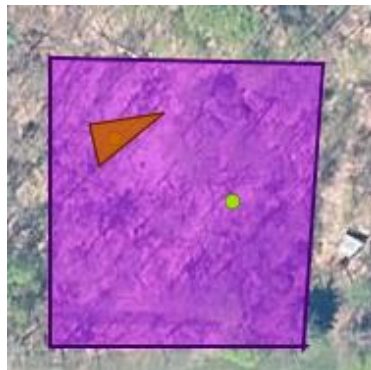
Percent Cover:

iMapInvasives Percent Cover Ranges: <5%, 5%-25%, 26%-50%, 51%-75%, 76%-100% or use a specific percentage

Distribution/Abundance:

Trace (single plant/clump), sparse (scattered plants/clumps), dense plants/clumps, monoculture, linearly scattered

Map:





Section 3: Summary of Recommendations

This section provides recommendations of any response methods, monitoring methods, and restoration efforts based on the survey.

Additional Notes: Provide any additional information that is not included above regarding species surveyed for or about the survey itself. Were there any barriers or issues that arose before or during the survey? Provide any advice that could limit barriers or issues in the future.

On the south side of property there is a large number of Barberry. The main campus is relatively clean due to the caretaker maintaining the forest edge.

Response: Briefly describe any recommendations for future response methods, why they are recommended, and any alternatives to consider. Please use abundance and site-specific factors in your recommendation. If conducting a highly probable area survey, please list any response actions taken while on-site. Optional: Attach or reference BMP guidance document. Consider state and local permitting requirements.

This location is great for integrated pest management trainings for staff, volunteers and partners or projects for rainy days for seasonal staff. This space is an option for these types of events in the future.

Post-Survey Monitoring: Briefly describe the monitoring procedure, when it will occur, and who will complete it. Consider the phenology of species when suggesting timelines. If a response goal such as eradication, suppression, containment and/or exclusion is selected, will a management plan be drafted? If a plan is needed, please contact the CR-RPISM office for a template of our Invasive Species Management Plan.

No monitoring is currently planned for this site, as this property is primarily used for trainings.

