



FORESTRY LOTS

6.0 FORESTRY LOTS (Forestry Lots 1-13)

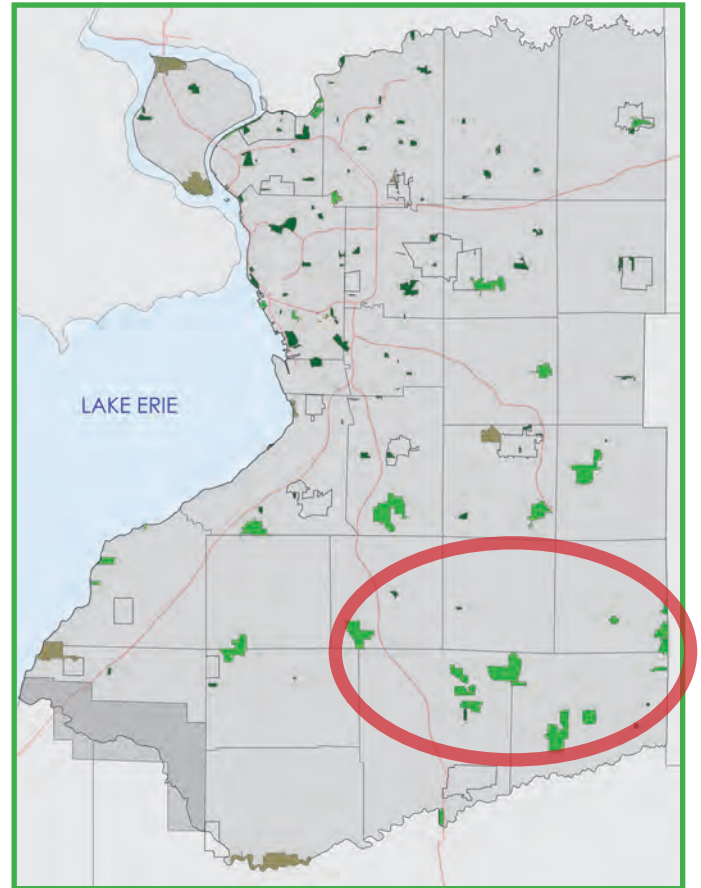
FORESTRY LOTS

INTRODUCTION

This section of the report provides general observations of the Forest Lots and recommendations regarding stewardship, educational and recreational opportunities. This section does not replace the Erie County Forest Management Plan developed November 2003, but does provide updates to some the recommendations made in that document as the timber stands have evolved over the past 15 years. The observations were made by a Forest Technician.

GENERAL RECOMMENDATIONS:

- **Perform a comprehensive update to the 2003 Forest Management Plan.**
 - Conduct an extensive forest inventory of Forest Lots so these habitats can be better understood and better managed for wildlife in the future.
- **Encourage biodiversity of trees, shrubs, and ground cover in all lots.**
 - Provide a variety of species; Create and find select openings to plant trees/shrubs to increase diversity and eventual seed sources for perpetuating plant diversity.
- A recommendation from the 2003 Forest Management Plan was to survey and mark property lines for each lot. It is understood that posting the property has traditionally taken place each fall. During the winter 2016 site observations several of the lots did not have the boundaries marked. It is recommended to annually check and post the property boundaries.



Parks Location Map: The Forestry Lots are located in the southeastern portion of the County.



Visitors Center - Restrooms (Forestry Lot #1)

FORESTRY LOTS SPECIFIC PRIORITIES

- **Perform a comprehensive update to the 2003 Forest Management Plan.**
- **Repair and make improvements to all Forestry Lot structures as many are deteriorating and in rough shape.**
- **Promote and provide walking, horseback riding, hiking and cross country trails where appropriate. Coordinate with usergroups whenever possible to expand and enhance recreational and educational opportunities.**

Invasive Species:

Site visits were conducted during November – December 2016. The following invasive species were identified. This may not be a comprehensive list as the observations were during the dormant season.

- **Multiflora Rose:** Multiflora Rose (*Rosa polyantha*) is native to eastern China, Japan and Korea and is classified as either a noxious weed, prohibited invasive species or banned altogether. It is extremely prolific and can form dense thickets, excluding native plant species. This non-native invasive rose invades open woodlands, forest edges, early succession pastures and fields. Consideration should be given to managing this invasive species either by mechanical, chemical or biological means.
- **Tatarian Honeysuckle:** Honeysuckle (*Lonicera tatarica*) can out compete and suppress the growth of native plant species. Because these plants spread rapidly via birds eating seed, control should be started in late summer or early fall before seeds are ready to be dispersed. Consideration should be given to managing this invasive species by mechanical means. For invasive honeysuckles growing in open habitats prescribed burning may be an effective control alternative.
- **Garlic Mustard (reported by staff):** Garlic mustard (*Alliaria petiolata*) is an invasive herb that has spread throughout much of the United States over the past 150 years, becoming one of the worst invaders of forests in the American Northeast. It is usually found in the undergrowth of disturbed woodlots and forest edges. Its spread has allowed it to become the dominant plant in the undergrowth of some forests, greatly reducing the diversity of all species. Garlic mustard is one of very few non-native plants to be able to successfully invade forest understories. It has the potential to form dense stands that choke out native plants in the understory by controlling light, water, and nutrient resources. The best method for controlling garlic mustard is to prevent its establishment. Disturbances in the forest understory that would allow for rapid invasion should be minimized. This would include limiting foot traffic, grazing, and erosion-causing activities. Monitoring the forest understory and removing any garlic mustard plants as soon as they are introduced will help to prevent the establishment and spread of this invader. Chemical applications can also be effective for controlling garlic mustard, particularly in areas too large for removal by hand.
- **Japanese Knotweed:** Japanese knotweed (*Polygonum cuspidatum*) was introduced into the U.S. from Eastern Asia (Japan, China, Korea) as an ornamental on estates in the late-1800s. It has also been used as an erosion control plant. By the mid-1890s, it was reported near Philadelphia, PA, Schenectady, NY, and in New Jersey. Although once sold through seed and plant catalogs, by the late-1930s knotweed was already being viewed as a problematic pest. The plant, which can grow from 3 to 15 feet tall, has bamboo-like stems and is sometimes called Japanese bamboo. Japanese knotweed spreads rapidly, forming dense thickets that crowd and shade out native vegetation. This reduces species diversity, alters natural ecosystems, and negatively impacts wildlife habitat. The ground under knotweed thickets tends to have very little other growth. This bare soil is very susceptible to erosion, posing a particular threat to riparian areas. Consideration should be given to managing this invasive species by either mechanical or chemical means.



Existing conditions - Forestry Lot #4



Other invasive species of note:

- Hemlock Woolly Adelgid (HWA, *Adelges tsugae*) is an aphid-like, invasive insect that poses a serious threat to forest and ornamental hemlock trees (*Tsuga* spp.) in eastern North America. HWA is native to Japan and possibly China where it is considered a common inhabitant of both forest and ornamental hemlock and spruce trees. HWA was first detected in New York State in the early 1980s (Souto et al. 1995). Outbreaks have expanded from initial infestations on Long Island and in the Hudson Valley to the Rochester area, the Catskill Mountains, Finger Lakes and recently into the Western New York region. Currently, the two approaches for managing HWA infestations are chemical insecticides and the use of natural enemy predator species as biological control. Infested hemlock trees can be protected individually with chemical, systemic insecticides. However, the costs associated with application, environmental safety concerns about applying insecticides near water resources, and the tremendous reproductive potential of HWA makes this approach less feasible on a broad scale in natural areas. Researchers have been investigating the use of biological control agents. Over the last 10 years, scientists have evaluated the effectiveness of several HWA predators from Japan and the Pacific Northwest including the beetles, *Sasajiscymnus tsugae*, *Scymnus* spp., and *Laricobius nigrinus* as well as fungal pathogens. Some promising evidence has emerged, but further study is needed to test the effectiveness of biological control at larger geographical scales and over the long-term (Cheah et al. 2004).
- The Emerald Ash Borer, *Agrilus planipennis* Fairmaire, commonly referred to as “EAB”, is an invasive wood-boring beetle native to Asia. Emerald Ash Borers feed on and eventually kill all native ash trees (*Fraxinus* spp.). Management options include Timber, Firewood and leaving to rot. If marketable Ash trees are present it is recommended to harvest this timber. Ash trees can be harvested for firewood as long as State regulations are adhered to. Ash trees may also be cut and left on the ground. Dried out trees are no longer suitable for egg laying and larval development which helps to slow the spread. This also will open up a stand and allow other more desirable species to establish and grow.

Recreation:

The following recreational activities are presently, or potentially could, be provided in additional Forest Lots depending on the physical characteristics of the lot:

- Hiking
- Orienteering
- Cross Country Skiing
- Snowmobiling
- Horseback Riding
- Picnicking
- Bird Watching

Prohibited activities:

- Hunting and trapping of any kind
- Fishing
- Motorized vehicles
- Alcoholic beverages

FORESTRY LOT #1

DESCRIPTION

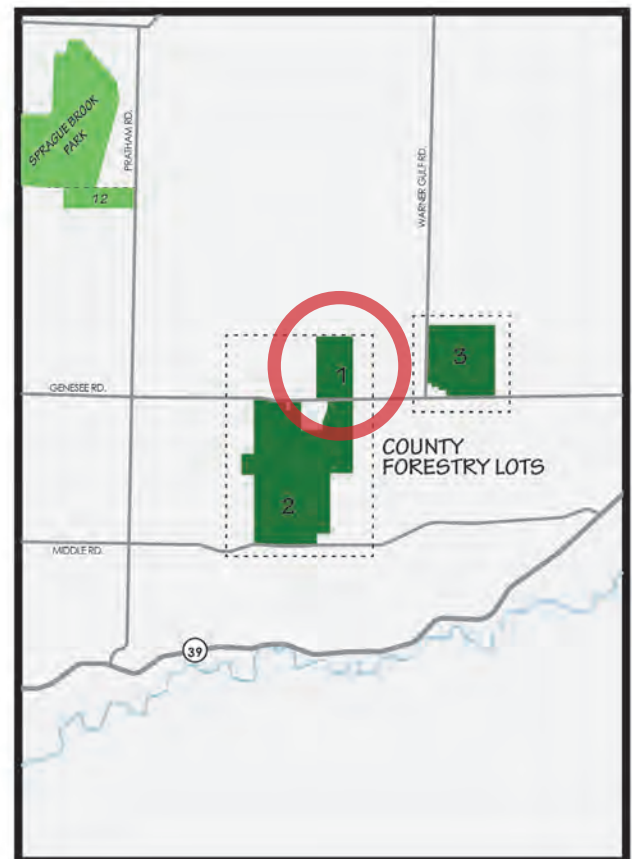
Located in Sardinia, 200-acres of managed hardwood forest, conifer plantations, shrublands and mowed fields.

RECREATIONAL / EDUCATIONAL CONTEXT

The County has been utilizing the resources of Lot #1 to conduct seasonal Maple Sugaring programs for local schools and the general public. Sawmill demonstrations are also provided. Walking, hiking, cross country skiing, snow shoeing, equestrian and snowmobile trails exist through the lot along with several Warm Up Shelters.

CURRENT CONDITIONS/ISSUES

- A detailed architectural assessment of the buildings at the site was not included in the field analysis. The roofs on the Sugar Shanty and Warm Up Shelter have reached their useful life and should be replaced. There may be structural issues with a portion of the roof at the Warm Up Shelter over the outdoor seating area. The concrete pavement adjacent the Warming Hut has also reached its useful life. The roofs on the sawmill structures appear to be in good condition.
- The driveways and parking areas are compacted stone, in serviceable condition and appropriate for the location and level of service.
- The roof on the Dresser Creek Bridge has reached its useful life. Additionally there is a step on each end of the bridge which limits access across the structure.



Parks Location Map: Forestry Lot #1 is located in the town of Sardinia



Warming Shelter

Timber Stands:

Stand A: Uneven aged stand comprised mainly of Sugar Maple and is used as a sugar bush. An understory of American Beech as well as Multiflora Rose are present within the stand.

Stand B: Uneven aged stand comprised of Scotch Pine and small sawtimber sized hardwoods, Red Maple, White Ash, and Black Cherry. The northern portion of Stand B contains a stronger presence of Black Cherry.

Stand C: Comprised of Black Cherry, Norway Spruce and Scotch Pine intermixed together.

MASTER PLAN RECOMMENDATIONS

Key - (Project Type: Project Number)

A - Action Item: Completed at low to no cost by Parks Staff

P - Assistance or completion of project by potential partner/user group

C - Capital project

Maintenance / Safety:

- **(C: 1.0)** Replace the roof on the Warm Up Shelter and the concrete pavement in the seating area. Engage a consultant to review the structural condition on a portion of the roof at the Warm Up Shelter to determine a course of action.
■ Priority: High
- **(C: 2.0)** Replace the roof on the Sugar Shanty.
■ Priority: High
- **(A: 5.0)** Provide an accessible approach to the Dresser Creek Bridge. This may be accomplished with a wood ramp (which may require railings) or compacted asphalt millings or similar durable surface material.
■ Priority: Medium
■ Partner: Parks/Highways



The Sugar Shanty remains a popular destination during the Spring to see the production of maple syrup

Recreation / Education:

- Continue and promote the walking, hiking and cross country trails.
- Continue and promote the educational opportunities that exist through demonstrations and educational classes and/or workshops revolving around the forest products industry.

Signage:

- Use signage that conforms to the Park System.
- **(A: 1.0)** Provide advanced directional signs to the entrances.
 - Priority: Medium
 - Partner: Parks/Highways
- **(A: 2.0)** Provide additional wayfinding signage at intersections directing patrons to the site. Consider adding signage on Route 219 identifying the route to the site.
 - Priority: Low
 - Partner: Parks/Highways

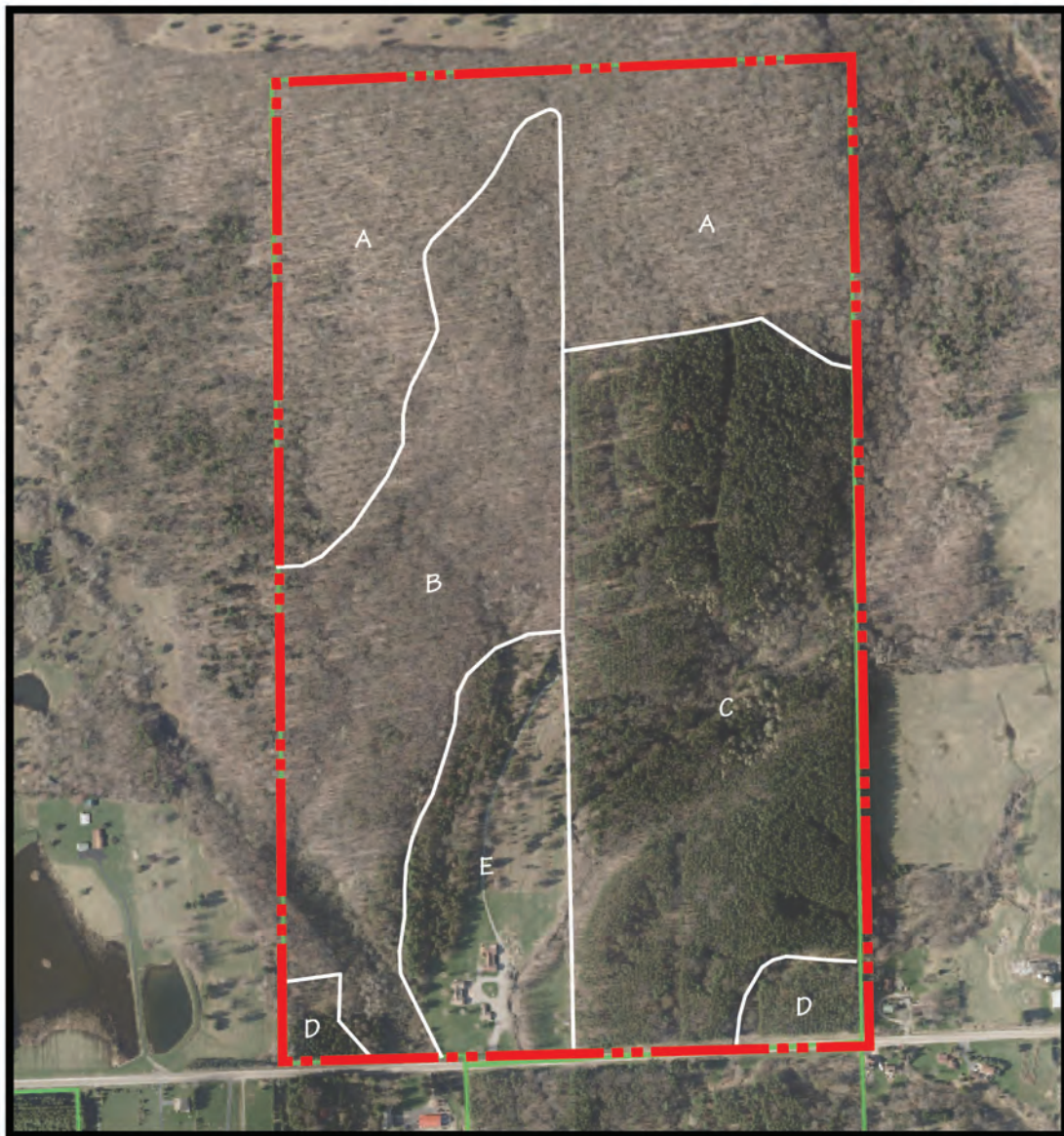


Bridge over the creek

- Property rules posted at access points, provide consistency with language and sign format.

Environment:

- **(P: 4.0) Remove invasive species** - Multiflora Rose is present at the lot.
 - Priority: High
 - Partner: WNY Prism



Erie County Forestry
Lot #1



0 200 400 800

FORESTRY LOT #2

DESCRIPTION

Located in Sardinia, 852 acres of hardwood forests, conifer plantations, Dresser and Hyler Creeks, a two acre pond, beaver meadows, marshlands and old fields.

The north-west portion of the property was the former home of the Woodlands Environmental Education Center established in the spring of 2001. The structures have since been demolished.

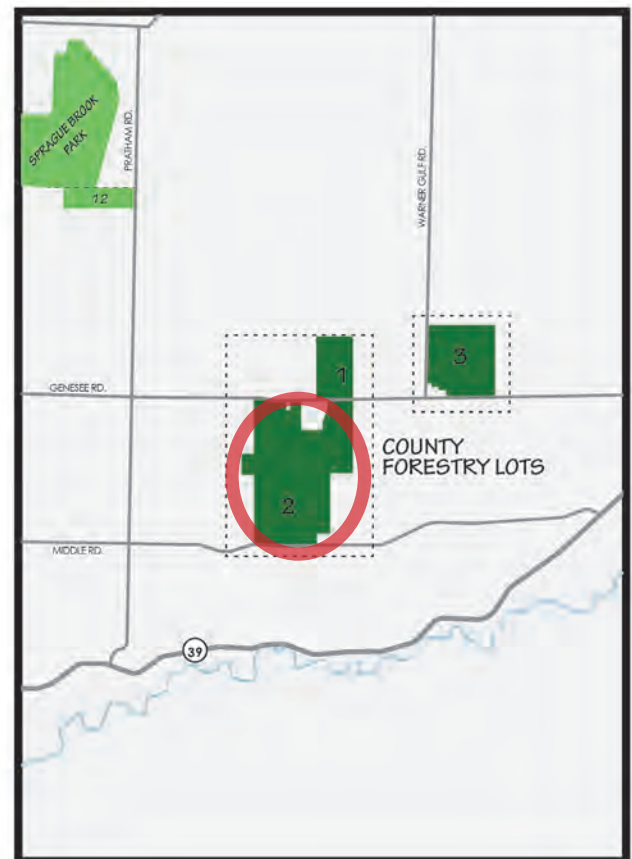
RECREATIONAL / EDUCATIONAL CONTEXT

Walking, hiking, cross country skiing, snow shoeing, equestrian and snowmobile trails exist through the lot along with several Warm Up Shelters. Numerous bridges for foot traffic and snowmobiles cross the streams.

Signs are posted on various trees along the trails indicating the species of tree, promoting species identification for patrons.

CURRENT CONDITIONS/ISSUES

- The trails are well marked and maintained.
- Two structures exist along Dresser Creek, a drying rack and vacant saw mill. The saw mill structure is currently being used for drying lumber. The roofs on these structures have reached their useful life and there may be structural issues with both.
- The Warm Up shelters are in serviceable condition.



Parks Location Map: Forestry Lot #2 is located in the Town of Sardinia just on the other side of the road from Lot #1



Trail



Underutilized shelter in poor shape



Finger Lakes Trail marker



Drainage outflow

- Along the drive off of Genesee Rd, north of the drying racks, a twin culvert exists. The culvert pipe are deteriorated and water is eroding the concrete / wood abutments.

MASTER PLAN RECOMMENDATIONS

Maintenance / Safety:

- (C: 4.0)** Repair the drying rack and former saw mill structures. Though their current uses have limited occupancy, both structures are open and accessible by the public. A structural review is needed to determine a course of action. At a minimum the roofs on the structures should be replaced to continue using the facilities as drying racks.
 - Priority: Medium
- (A: 3.0)** The culverts should be reviewed by DPW to determine their present condition and provide a course of action.
 - Priority: Medium
 - Partner: DPW
- (A: 6.0)** Warm Up shelters need minor repairs and painting.
 - Priority: Medium
 - Partner: In-House

Recreation / Education:

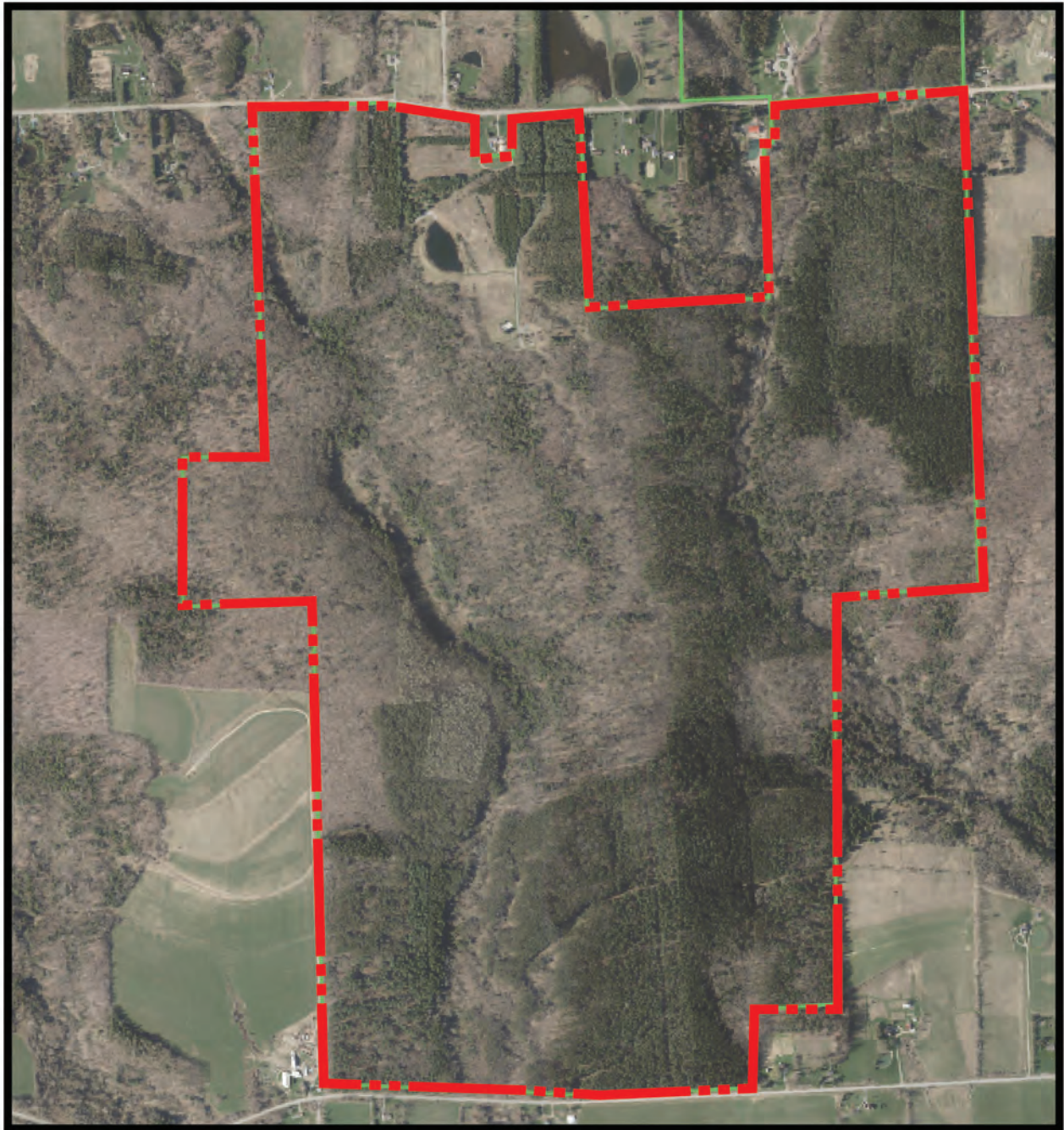
- Continue to maintain and promote the numerous trails within the property.
- Recreational opportunities may include hiking, cross country skiing, snowshoeing, bird watching and wildlife viewing. The property offers opportunities for educational programs focused on topics in the areas of field ecology, environmental analysis and conservation biology.

Signage:

- Property rules posted at access points, provide consistency with language and sign format.

Environment:

- (P: 4.0)** Remove invasive species - Multiflora Rose and Tartarian Honeysuckle are present on the property.
 - Priority: High
 - Partner: WNY Prism



Erie County Forestry Lot #2



0 300 600 1200

A horizontal scale bar with alternating black and white segments, marked with the numbers 0, 300, 600, and 1200, representing distance in feet.

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FORESTRY LOT #3

DESCRIPTION

Located in Sardinia, 329 acres of hardwood forest, conifer plantations and wetlands.

RECREATIONAL / EDUCATIONAL CONTEXT

Hiking, snowshoeing, cross country skiing and snowmobiling trails exist throughout the lot. A Warm Up Shelter is located off of Genesee Road, and includes a trails map. The mapped trails are not well marked or maintained and difficult to follow in some areas.

CURRENT CONDITIONS/ISSUES

- The property has several buildings at the southwest corner including one residential home. The structures were in fair condition and could use some updating/repair including roof replacement.
- A Warm Up shelter and outhouse, along with a parking area off of Genesee Road on the south-east portion of the lot are in good condition.

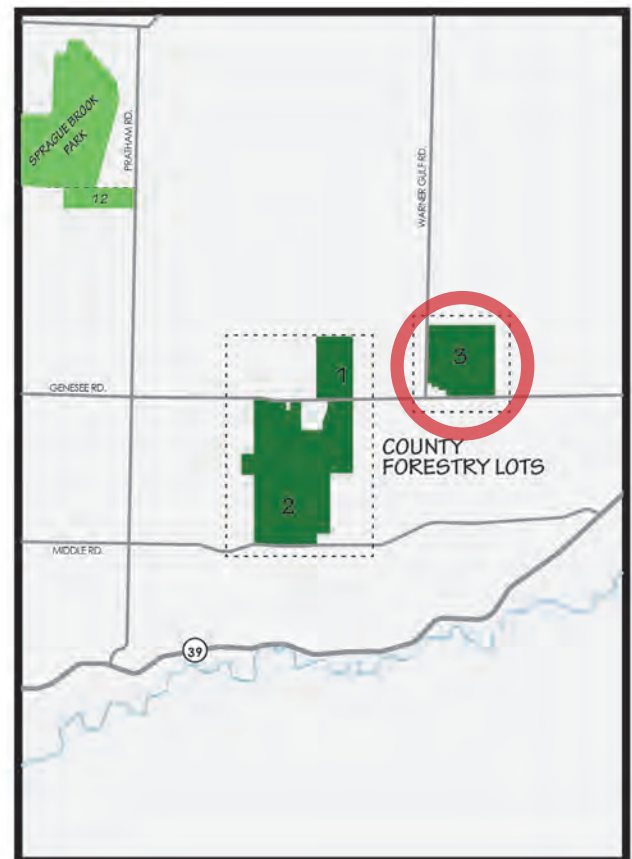
Timber Stands:

Stand A: Uneven aged stand of northern hardwoods comprised of Sugar Maple, Beech, Hemlock, White Ash and Black Cherry.

Stand B: Plantation of White Spruce

Stand C: Uneven aged stand of pole sized hardwoods comprised of Maple, White Ash and Black Cherry.

Stand D: Plantation of White Pine with hardwood understory. The White Pine is poor quality.



Parks Location Map: Forestry Lot #3 is located in the Town of Sardinia



Existing Forestry Building

Stand E: Plantation of mature Red Pine, White Pine, Scotch Pine and Larch with hardwood understory.

MASTER PLAN RECOMMENDATIONS

Maintenance / Safety:

- **(C: 5.0) Replace the roofs on the buildings.**
■ Priority: High
- **(A: 4.0) Fire Breaks in need of general clearing.**
■ Priority: High
■ Partner: In-House

Recreation / Education:

- **(P: 5.0) Clear the trails and provide more permanent trail markers.** The hiking trails are overgrown and lacking markers.
■ Priority: Medium
■ Partner: Usergroups
- **Recreational opportunities may include hiking, cross country skiing, snowshoeing, bird watching and wildlife viewing.** The property offers opportunities for educational programs focused on topics in the areas of field ecology, environmental analysis and conservation biology.

Signage:

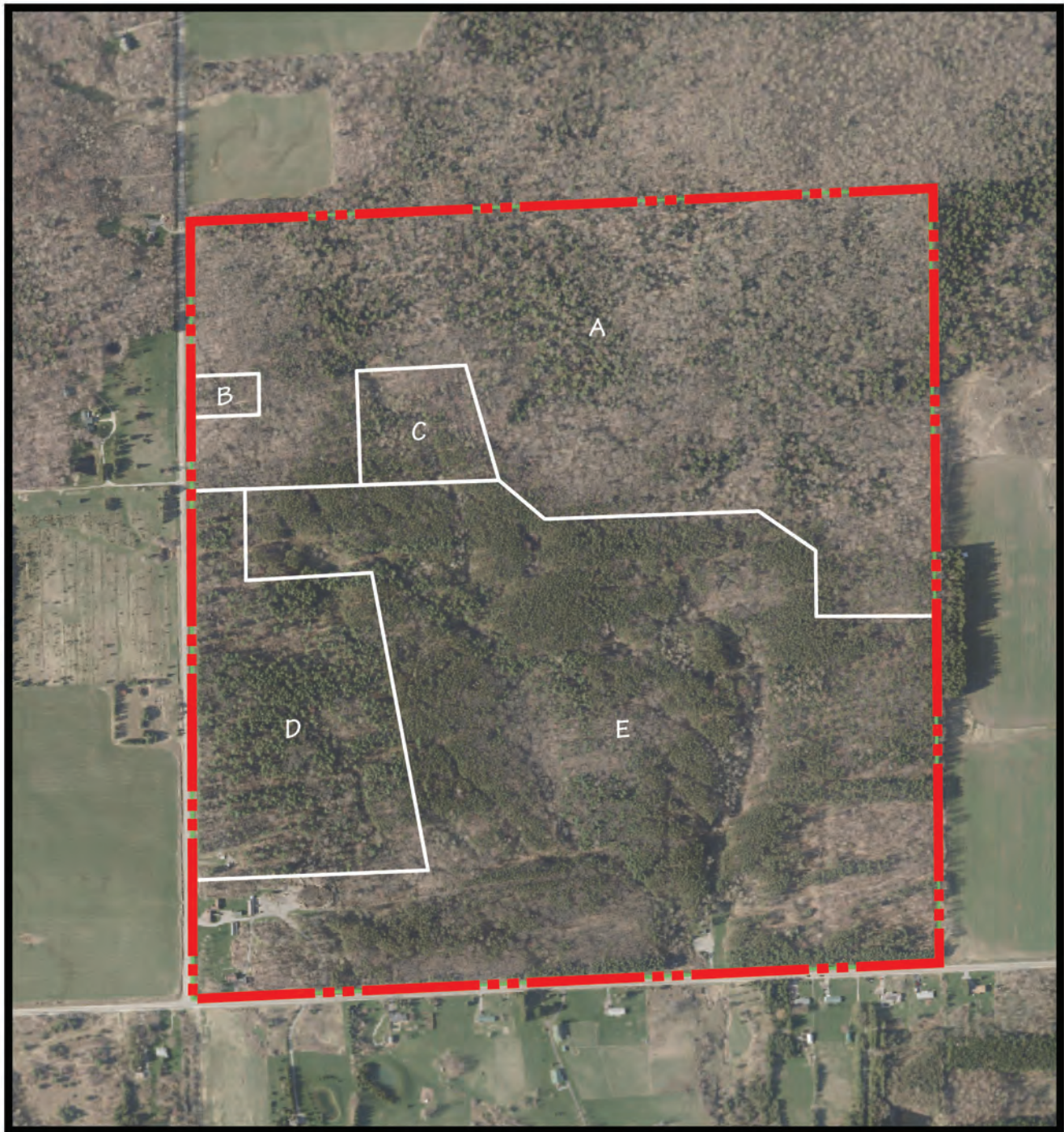
- **(A: 7.0) Use signage that conforms to the Park System at the Warm Up Shelter.**
■ Priority: Medium
■ Partner: In-House

Environment:

- **(P: 4.0) Remove invasive species - Honeysuckle is present on the lot.**
■ Priority: High
■ Partner: WNY Prism



Mowed area



Erie County Forestry Lot #3



0 300 600 900



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FORESTRY LOT #4

DESCRIPTION

Located in Holland, 264-acres of conifer plantations.

RECREATIONAL / EDUCATIONAL CONTEXT

None presently.

Timber Stands:

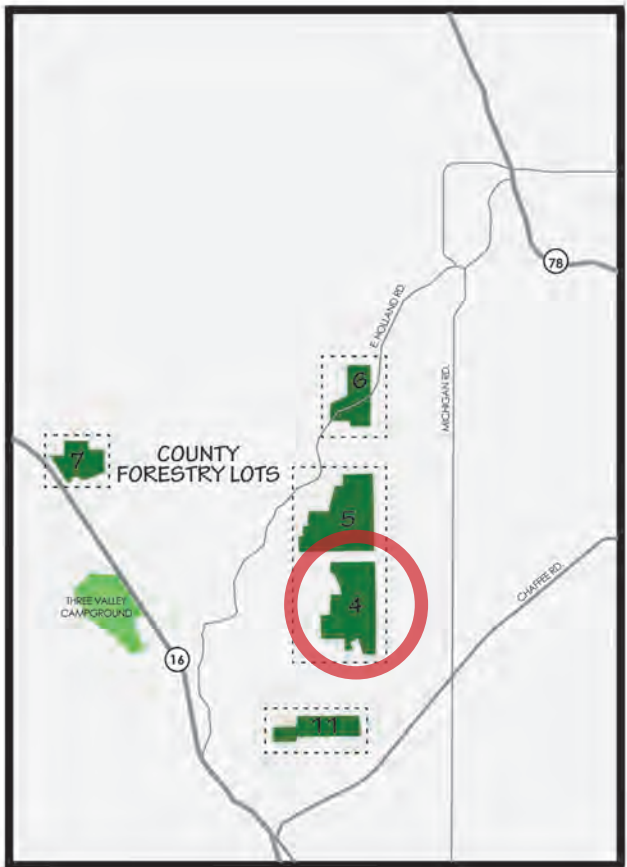
Stand A: Mature conifer plantation of Red Pine and scattering of Black Cherry and Aspen.

Stand B: Contains predominantly Sugar Maple, Hemlock, Beech, Red Maple, White Ash, and lower quantities of Black Cherry, Yellow Birch, Bitternut Hickory, and Basswood (mixed with some Red Pines).

Stand C: Red Pine and Black Cherry

Stand D: Contains Class 1 protected NYS freshwater wetland. Contains scattered large shrubs and herbaceous plants.

Stand E: Contains mature plantations of Red Pine, and scattered Black Cherry and Sugar Maple.



Parks Location Map: The Forestry Lots are located in the southeastern portion of the County.



Trail

Stand F: Most of the area is shrubs. Stand is identified as Class 1, protected NYS freshwater wetland.

Stand G: Mature plantations of Red Pine and Norway Spruce. Stream runs through area, and contains abundance of wildlife.

Stand H: Small area of hardwoods, mostly Hemlock-Sugar Maple, and Yellow Birch/Black Cherry. Stream runs across field to the west and is considered Class A.

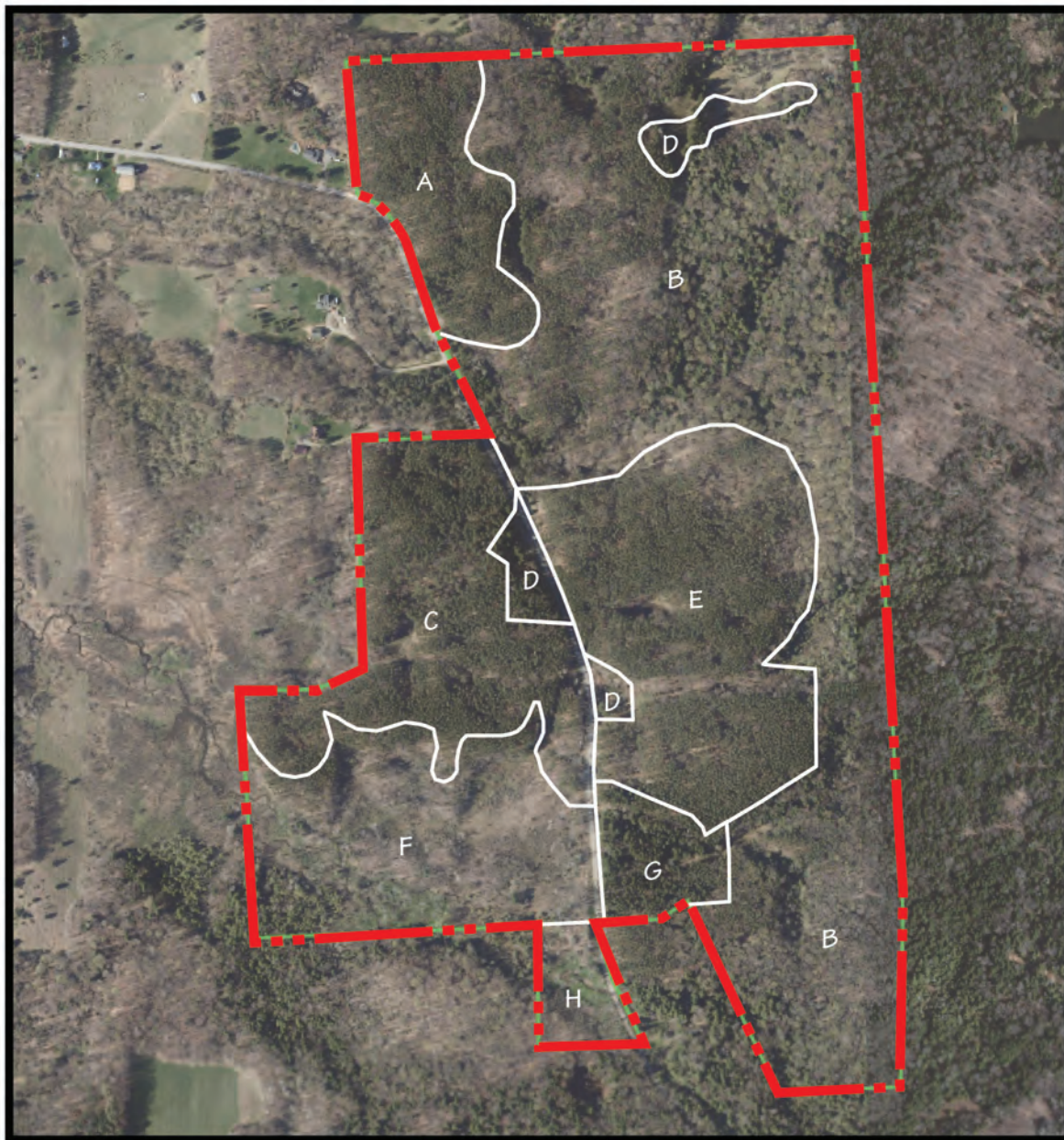
MASTER PLAN RECOMMENDATIONS

Recreation/Education:

- **Recreational opportunities may include hiking, cross country skiing, snowshoeing, bird watching and wildlife viewing.** The property offers opportunities for educational programs focused on topics in the areas of field ecology, environmental analysis and conservation biology.

Environment:

- **(P: 4.0) Remove invasive species**
 - Priority: High
 - Partner: WNY Prism



Erie County Forestry
Lot #4



0 300 600 900

FORESTRY LOT #5

DESCRIPTION

Located in Holland, 264 acres of hardwood forest, conifer plantations and wetlands.

RECREATIONAL / EDUCATIONAL CONTEXT

None presently.

Timber Stands:

Stand A: Plantation of Red Pine with northern hardwood, including mature Black Cherry, interspersed throughout.

Stand B: Uneven aged hardwood stand comprised of Sugar Maple, Beech and a small White Ash component. Stand does contain sawlog sized timber.

Stand C: Plantation of Larch with little understory.

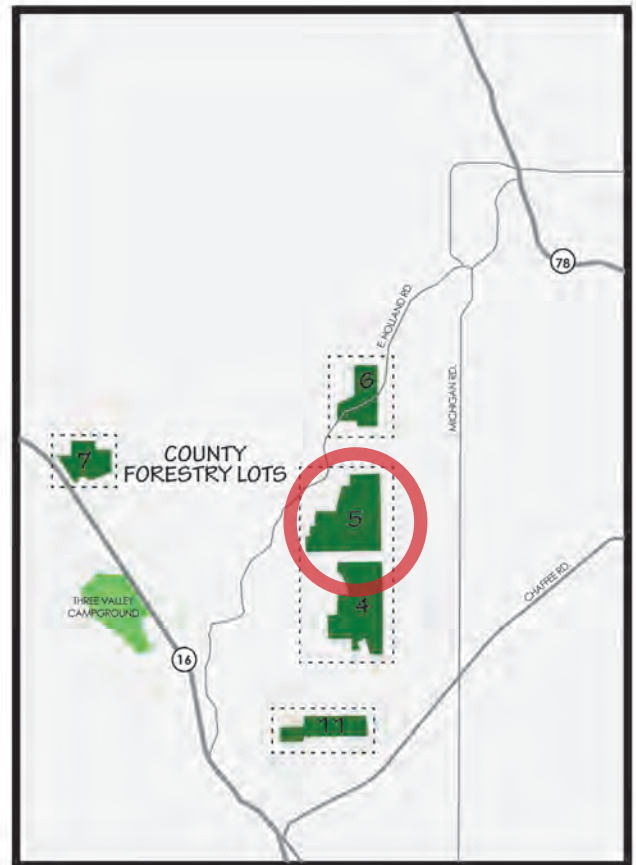
Stand D: Plantation of White Pine, poor stand quality with blowdown.

Stand E: Plantation of White Pine with mixed hardwood understory. Hardwood regeneration is developed.

Stand F: Stand of Red Pine at top of ridge. Little understory present. Not a market value stand.

Stand G: Old field with shrub growth, assumed to be wetlands.

Stand H: Stand is a sphagnum bog and protected wetland.



Parks Location Map: The Forestry Lots are located in the southeastern portion of the County.



Hunting stand

MASTER PLAN RECOMMENDATIONS

Maintenance / Safety:

- **(A: 4.0) Fire Breaks in need of general clearing.**
 - Priority: High
 - Partner: In-House

Recreation / Education:

- **Lot #5 provide excellent opportunities for environmental education focused on Wetland Ecology and Forest Management Practices.** Several old logging roads and fire breaks may be utilized for hiking or snowshoeing.
- **Recreational opportunities may include hiking, cross country skiing, snowshoeing, bird watching and wildlife viewing.** The property offers opportunities for educational programs focused on topics in the areas of field ecology, environmental analysis and conservation biology.

Signage:

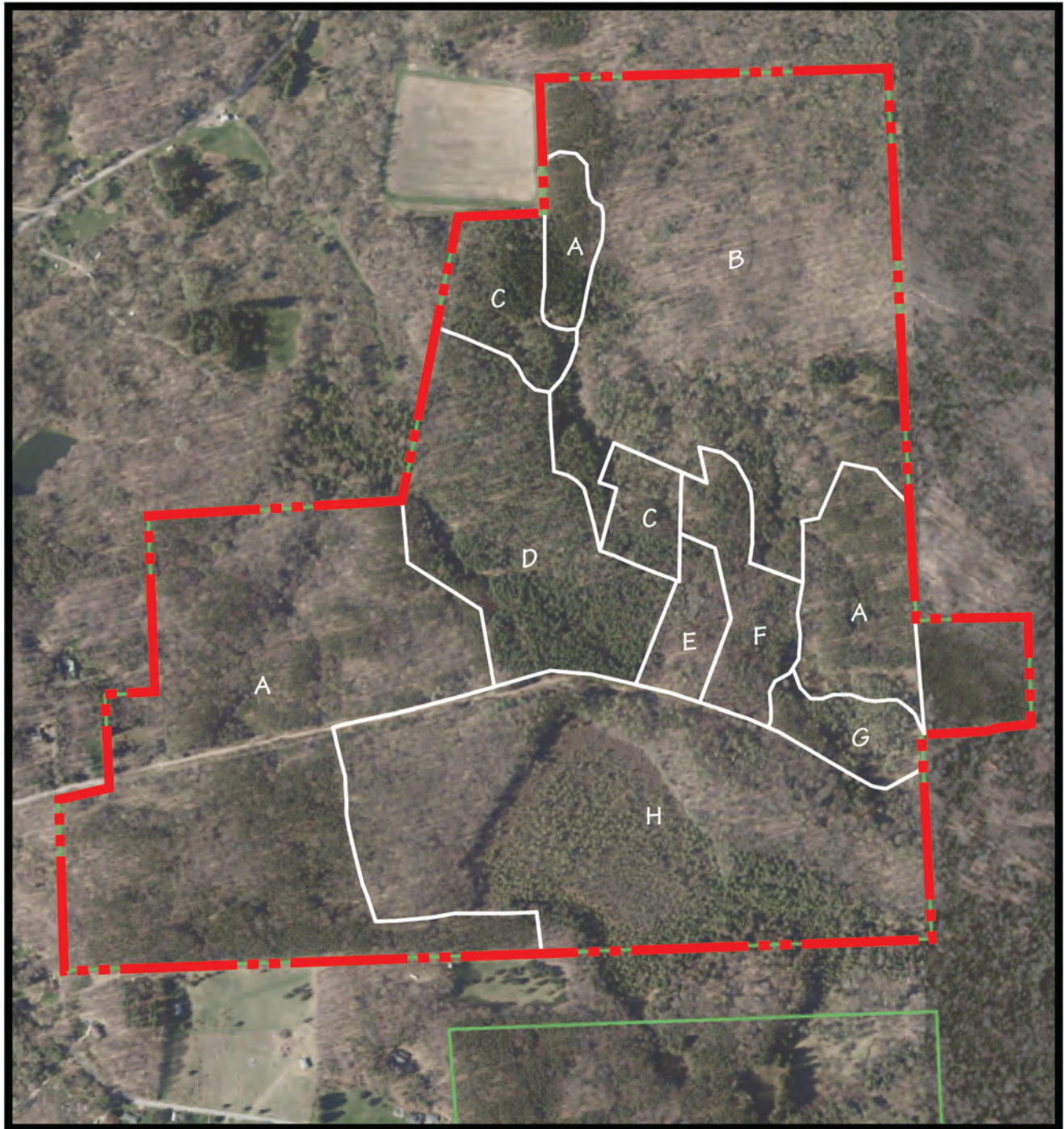
- **Use signage that conforms to the Park System**

Environment:

- **(P: 4.0) Remove invasive species - Garlic mustard reported by staff present on the property.**
 - Priority: High
 - Partner: WNY Prism



Parking surface



Erie County Forestry Lot #5



0 200 400 800 1000

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FORESTRY LOT #6

DESCRIPTION

Located in Holland, 100 acres

RECREATIONAL / EDUCATIONAL CONTEXT

None presently.

CURRENT CONDITIONS/ISSUES

- There was evidence of illegal/unauthorized hunting as several deer hunting stands were observed on the lot. No evidence of property boundary posted signs observed.

Timber Stands:

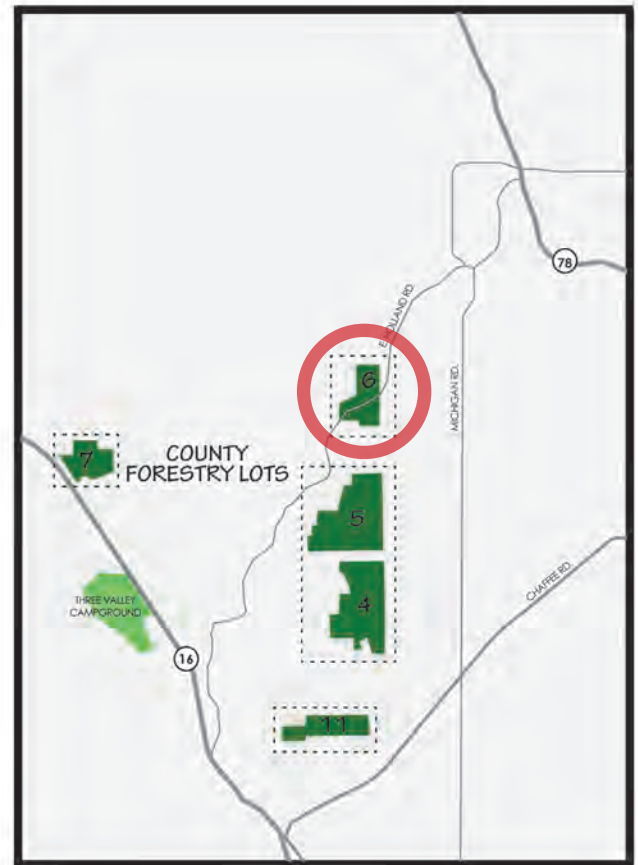
Stand A: Uneven aged stand of northern hardwoods including Sugar Maple, Beech and White Ash.

Stand B: Plantation of mature Red Pine and Norway Spruce.

MASTER PLAN RECOMMENDATIONS

Maintenance / Safety:

- (A: 4.0) Fire Breaks in need of general clearing.
 - Priority: High
 - Partner: In-House



Parks Location Map: The Forestry Lots are located in the southeastern portion of the County



Existing conditions

Recreation / Education:

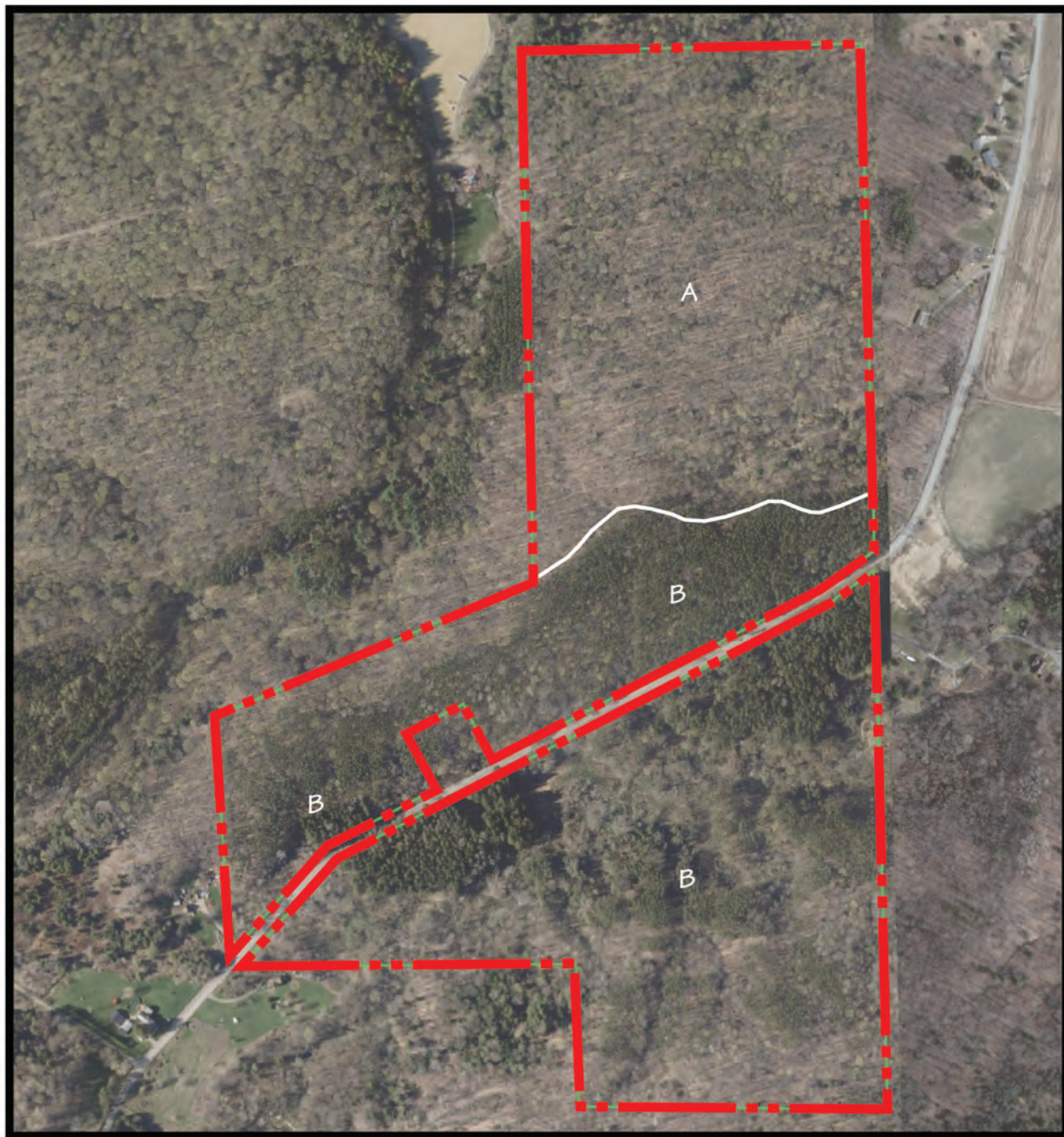
- Recreational opportunities may include hiking, cross country skiing, snowshoeing, bird watching and wildlife viewing. The property offers opportunities for educational programs focused on topics in the areas of field ecology, environmental analysis and conservation biology.

Signage:

- Use signage that conforms to the Park System
- Provide boundary signs - No hunting, etc.

Environment:

- (P: 4.0) Remove invasive species - Multiflora rose is prevalent throughout the lot.
 - Priority: High
 - Partner: WNY Prism



Erie County Forestry Lot #6



200 0 200 400

FORESTRY LOT #7

DESCRIPTION

Located in Holland, 76 acres of northern hardwood forest and conifer plantations.

RECREATIONAL / EDUCATIONAL CONTEXT

None presently.

Timber Stands:

Stand A: Uneven aged stand of northern hardwoods comprised mainly of Sugar Maple. Understory of Beech present.

Stand B: Plantations of Larch, White Pine, Norway Spruce and Scotch Pine with hardwood understory. Wild grape noted throughout the stand.

Stand C: Plantations of Red Pine and Norway Spruce with hardwood understory.

Stand D: Uneven aged stand of northern hardwoods comprised mainly of Beech.

MASTER PLAN RECOMMENDATIONS

Maintenance / Safety:

- (A: 4.0) Fire Breaks in need of general clearing.
 - Priority: High
 - Partner: In-House

Recreation / Education:

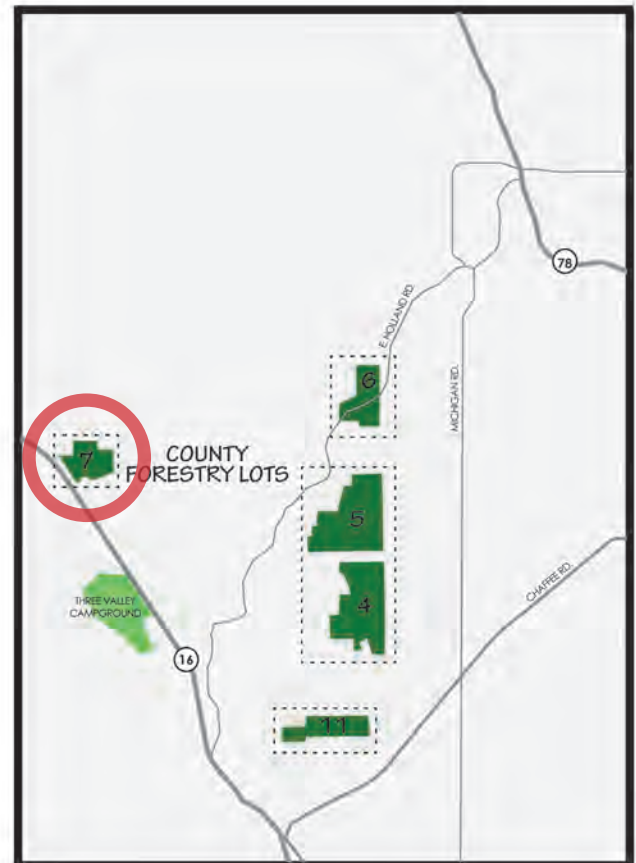
- Recreational opportunities may include hiking, cross country skiing, snowshoeing, bird watching and wildlife viewing. The property offers opportunities for educational programs focused on topics in the areas of field ecology, environmental analysis and conservation biology.

Signage:

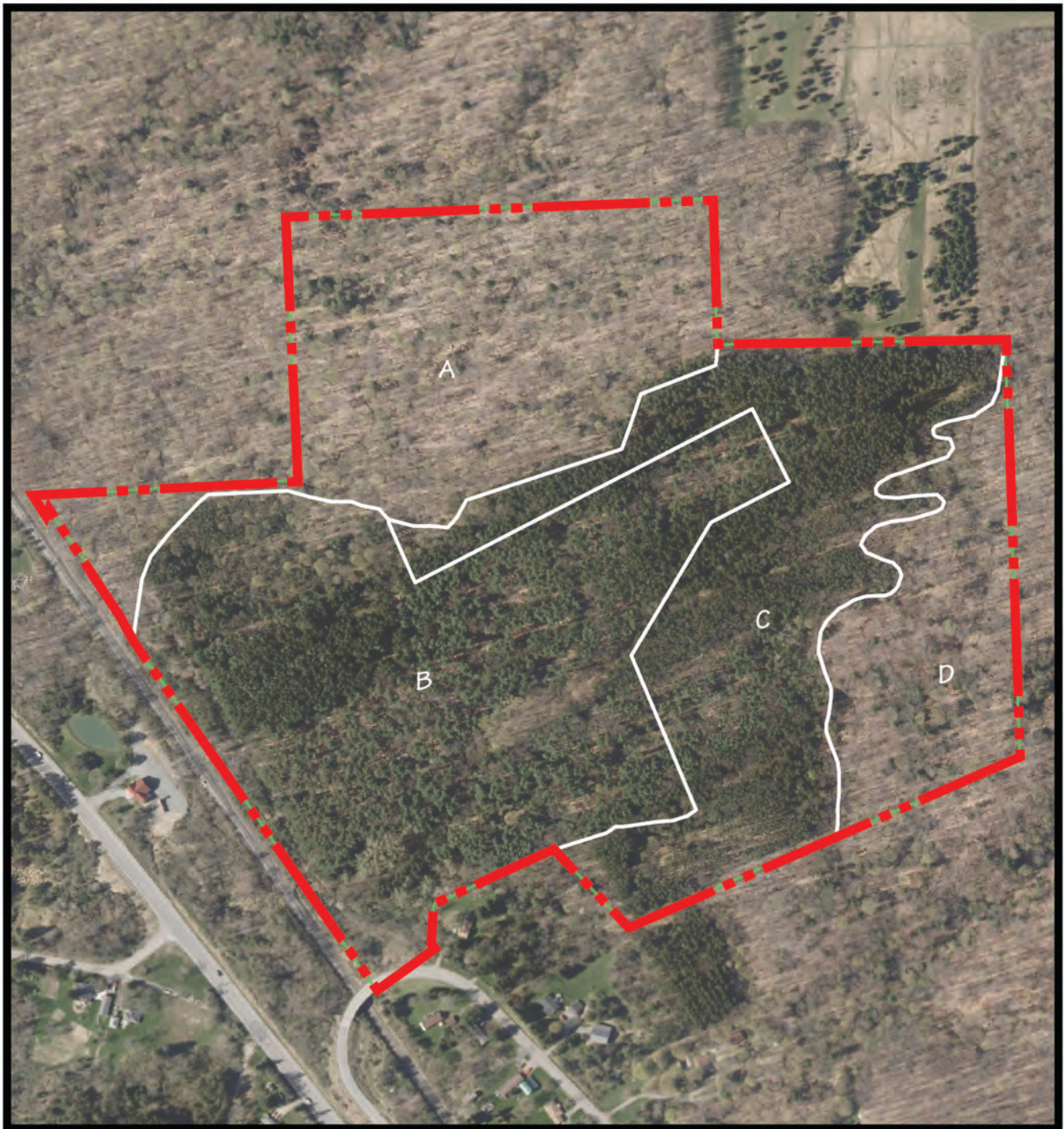
- Use signage that conforms to the Park System.

Environment:

- (P: 4.0) Remove invasive species
 - Priority: High
 - Partner: WNY Prism



Parks Location Map: The Forestry Lots are located in the southeastern portion of the County



Erie County Forestry Lot #7



FORESTRY LOT #8

DESCRIPTION

Located in Concord, 71-acres of conifer plantations.

RECREATIONAL / EDUCATIONAL CONTEXT

None.

Timber Stands:

Stand A: Plantation of mature Norway Spruce with hardwood understory towards the south-west portion of the stand.

Stand B: Uneven aged hardwood stand, mainly Sugar Maple with Hemlock interspersed.

MASTER PLAN RECOMMENDATIONS

Maintenance / Safety:

- (A: 4.0) Fire Breaks in need of general clearing.
 - Priority: High
 - Partner: In-House

Recreation / Education:

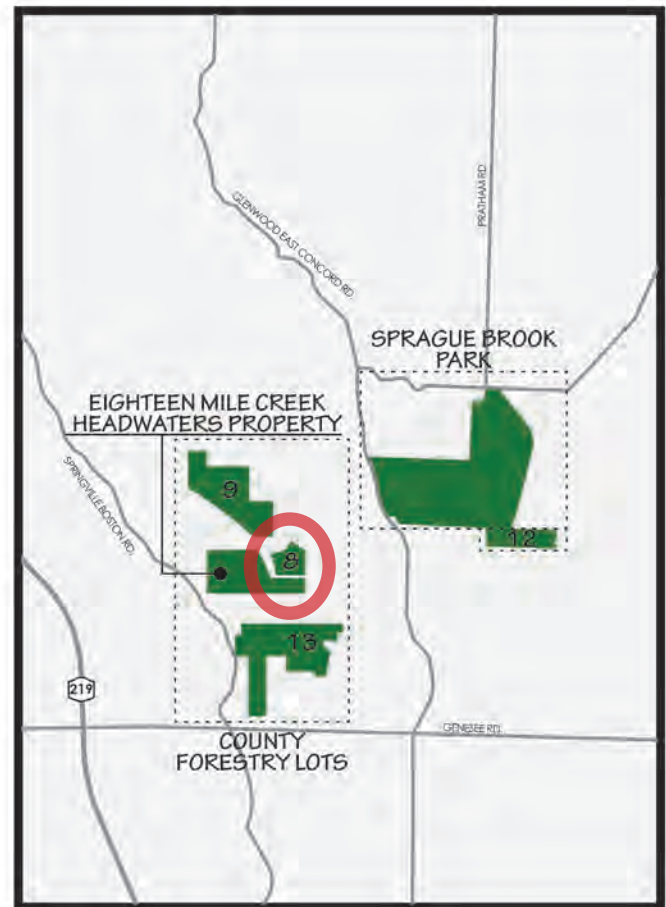
- Recreational opportunities may include hiking, cross country skiing, snowshoeing, bird watching and wildlife viewing. The property offers opportunities for educational programs focused on topics in the areas of field ecology, environmental analysis and conservation biology.

Signage:

- Use signage that conforms to the Park System

Environment:

- (P: 4.0) Remove invasive species
 - Priority: High
 - Partner: WNY Prism



Parks Location Map: The Forestry Lots are located in the southeastern portion of the County



Trail



Erie County Forestry Lot #8



200 0 200

FORESTRY LOT #9

DESCRIPTION

Located in Concord, 278 acres of mixed northern hardwoods and conifer plantations.

RECREATIONAL / EDUCATIONAL CONTEXT

A snowmobile trail is located along the southern property boundary.

Timber Stands:

Stand A: Dense plantation of Scotch Pine along with White Pine and northern hardwoods on the west side of the property including Sugar Maple, Black Cherry and Birch.

Stand B: Plantations of mature Norway Spruce with Hemlock along the ravines. Black Cherry is sparsely populated.

Stand C: Uneven aged northern hardwoods predominantly Sugar Maple, Black Cherry, Beech and Hemlock.

MASTER PLAN RECOMMENDATIONS

Maintenance / Safety:

- **(A: 4.0) Fire Breaks in need of general clearing.**
 - Priority: High
 - Partner: In-House

Recreation / Education:

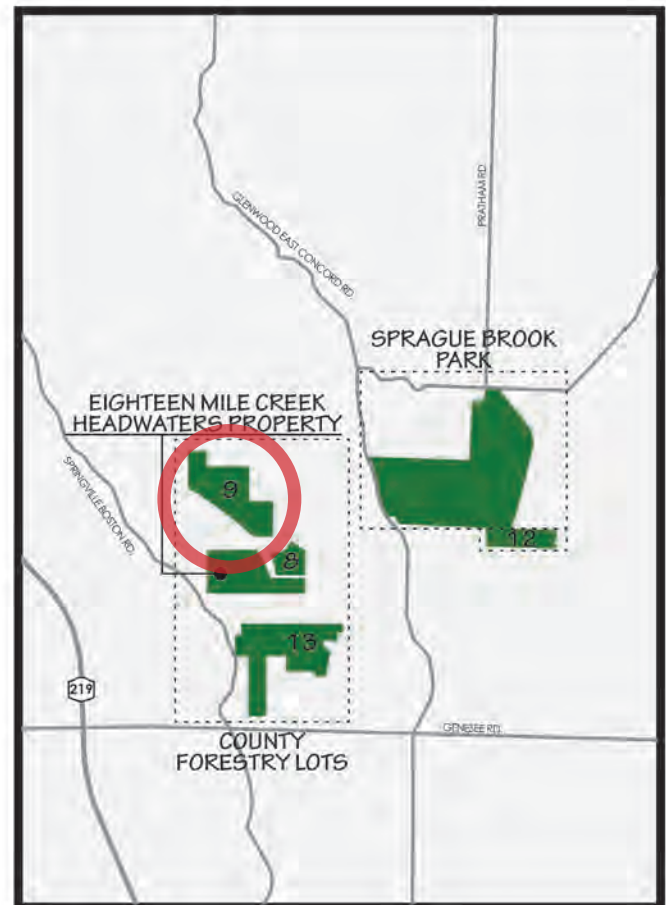
- **(P: 1.0) Partner with usergroups to maintain and enhance snowmobile trail.**
 - Priority: High
 - Partner: Usergroups
- **Recreational opportunities may include hiking, cross country skiing, snowshoeing, bird watching and wildlife viewing.** The property offers opportunities for educational programs focused on topics in the areas of field ecology, environmental analysis and conservation biology.

Signage:

- **Use signage that conforms to the Park System.**

Environment:

- **(P: 4.0) Remove invasive species** - Wild grape is prevalent throughout the property. Tartarian Honeysuckle is also present on the property.
 - Priority: High
 - Partner: WNY Prism



Parks Location Map: The Forestry Lots are located in the southeastern portion of the County.



View of the woods



Erie County Forestry Lot #9



FORESTRY LOT #10 (BOSTON FOREST PARK)

(SEE VOLUME 2 FOR OVERALL PARK RECOMMENDATION SECTION)

DESCRIPTION

Located in Boston, 230 acres of mixed hardwoods and conifer plantations.

RECREATIONAL / EDUCATIONAL CONTEXT

Trails for equestrians, hiking, snowshoeing and snowmobiling are provided.

Timber Stands:

Stand 1: Northern hardwood stand with large White Ash exhibiting symptoms of EAB infestation.

Stand 2: Plantations of Pine and Spruce intermixed with northern hardwoods including Oak, Beech and Maple.

Stand 3: Uneven aged northern hardwood stand, predominantly Black Cherry and Hemlock.

Stand 4: Patches of mature Hemlocks and Black Cherry with some remnant plantations of Spruce.

Stand 5: Uneven aged mixed northern hardwood stand with significant Beech understory.

Stand 6: Old fields transitioning to northern hardwood forest. Comprised of Red Maple and White Ash.

MASTER PLAN RECOMMENDATIONS

Maintenance / Safety:

- (A: 4.0) Fire Breaks in need of general clearing.
 - Priority: High
 - Partner: In-House

Recreation / Education:

- Maintain and enhance trails, provide proper safety improvements

Signage:

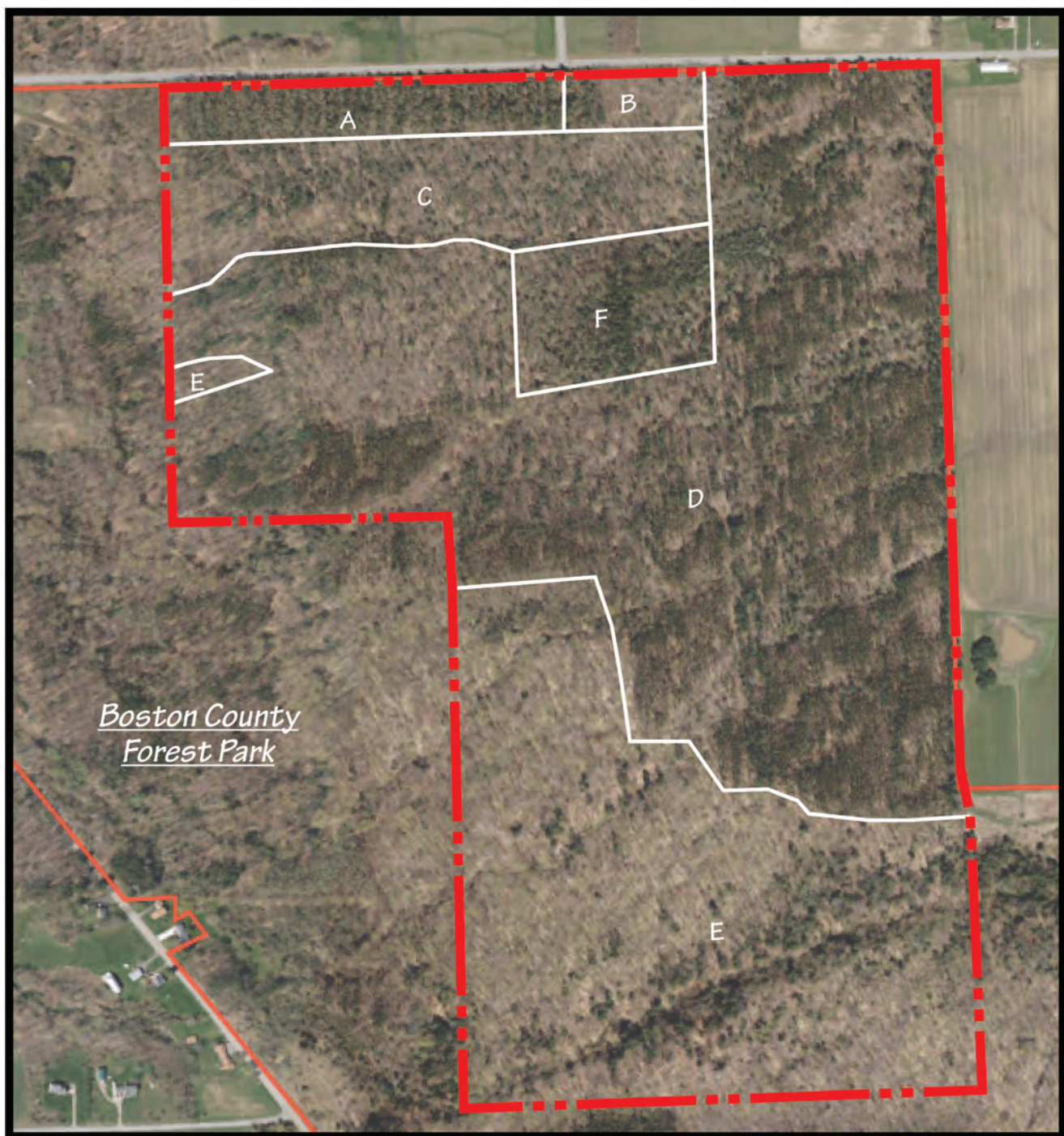
- Consider using signage that conforms to the Park System.



Parks Location Map: The Forestry Lots are located in the southeastern portion of the County.

Environment:

- (P: 4.0) Remove invasive species - Wild grapevines and multiflora rose are present in several of the stands.
 - Priority: High
 - Partner: WNY Prism



Erie County Forestry Lot #10



200 0 200 400

FORESTRY LOT #11

DESCRIPTION

Located in Sardinia, 94 acres of mixed hardwood forest comprised of Sugar Maple, Beech, Black Cherry and Hemlock.

RECREATIONAL / EDUCATIONAL CONTEXT

A snowmobile trail is located along the eastern property border.

Timber Stands:

Stand A: Uneven aged stand of northern hardwoods including Sugar Maple, Beech and mature Black Cherry.

Stand B: Plantation of Red Pine and Scotch Pine with Black Cherry understory.

Stand C: Wetland with large shrubs, seedlings and open water.

MASTER PLAN RECOMMENDATIONS

Maintenance / Safety:

- **(A: 4.0) Fire Breaks in need of general clearing.**
 - Priority: High
 - Partner: In-House

Recreation / Education:

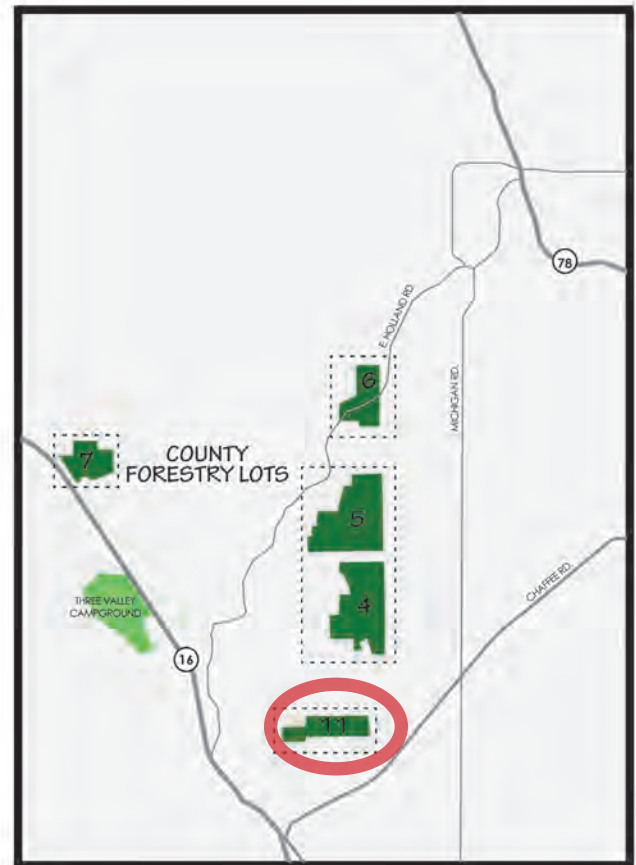
- **(P: 2.0) Maintain and enhance snowmobile trail, partner with usergroups.**
 - Priority: High
 - Partner: Usergroups
- **Recreational opportunities may include hiking, cross country skiing, snowshoeing, bird watching and wildlife viewing.** The property offers opportunities for educational programs focused on topics in the areas of field ecology, environmental analysis and conservation biology.

Signage:

- **Use signage that conforms to the Park System.**

Environment:

- **(P: 4.0) Remove invasive species**
 - Priority: High
 - Partner: WNY Prism



Parks Location Map: The Forestry Lots are located in the southeastern portion of the County.



Pond



Erie County Forestry Lot #11



300 0 300 600

FORESTRY LOT #12

DESCRIPTION

Located in Sardinia, 100 acres of mature conifer plantations.

RECREATIONAL / EDUCATIONAL CONTEXT

The lot is located south of Foote Road, across the street from Sprague Brook Park. Several mountain bike trails occupy the forest lot: the “out & back”, “inner loop,” and “outer loop”.

These mountain bike trails are noted on the WNYMBA maps as “single track” trails.

Timber Stands:

Stand A: Conifer plantation of White Pine, dense in some areas especially along the road.

Stand B: Conifer plantations of Scotch Pine and Norway Spruce with interspaced hardwoods in the understory.

Stand C: Conifer plantation of Red Pine, Scotch Pine, and Larch with hardwood understory.

Stand D: Uneven aged stand of Black Cherry, and Hemlock. Understory comprised of Sugar Maple, Ash, and Beech.

Stand E: Old plantation of Scotch Pine dominated by Black Cherry and Red Maple. Scotch Pine are in decline.

MASTER PLAN RECOMMENDATIONS

Maintenance / Safety:

- **(A: 4.0) Fire Breaks in need of general clearing.**
 - Priority: High
 - Partner: In-House

Recreation / Education:

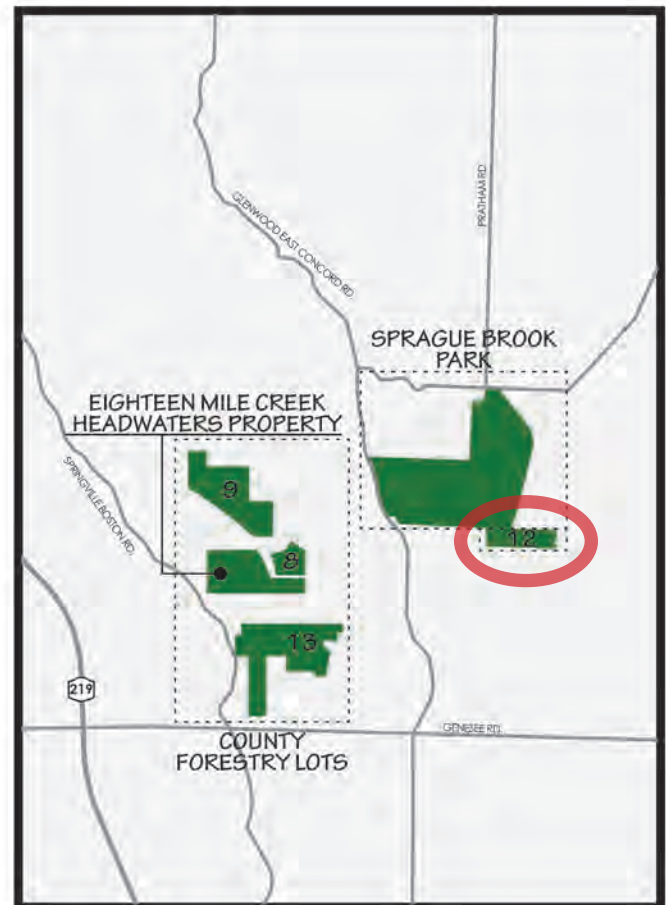
- **(P: 3.0) Continue partnership with WNYMBA to provide and maintain the mountain bike trails.** The trails appear to be well maintained and the users are respecting the property.
 - Priority: High
 - Partner: WNYMBA

Signage:

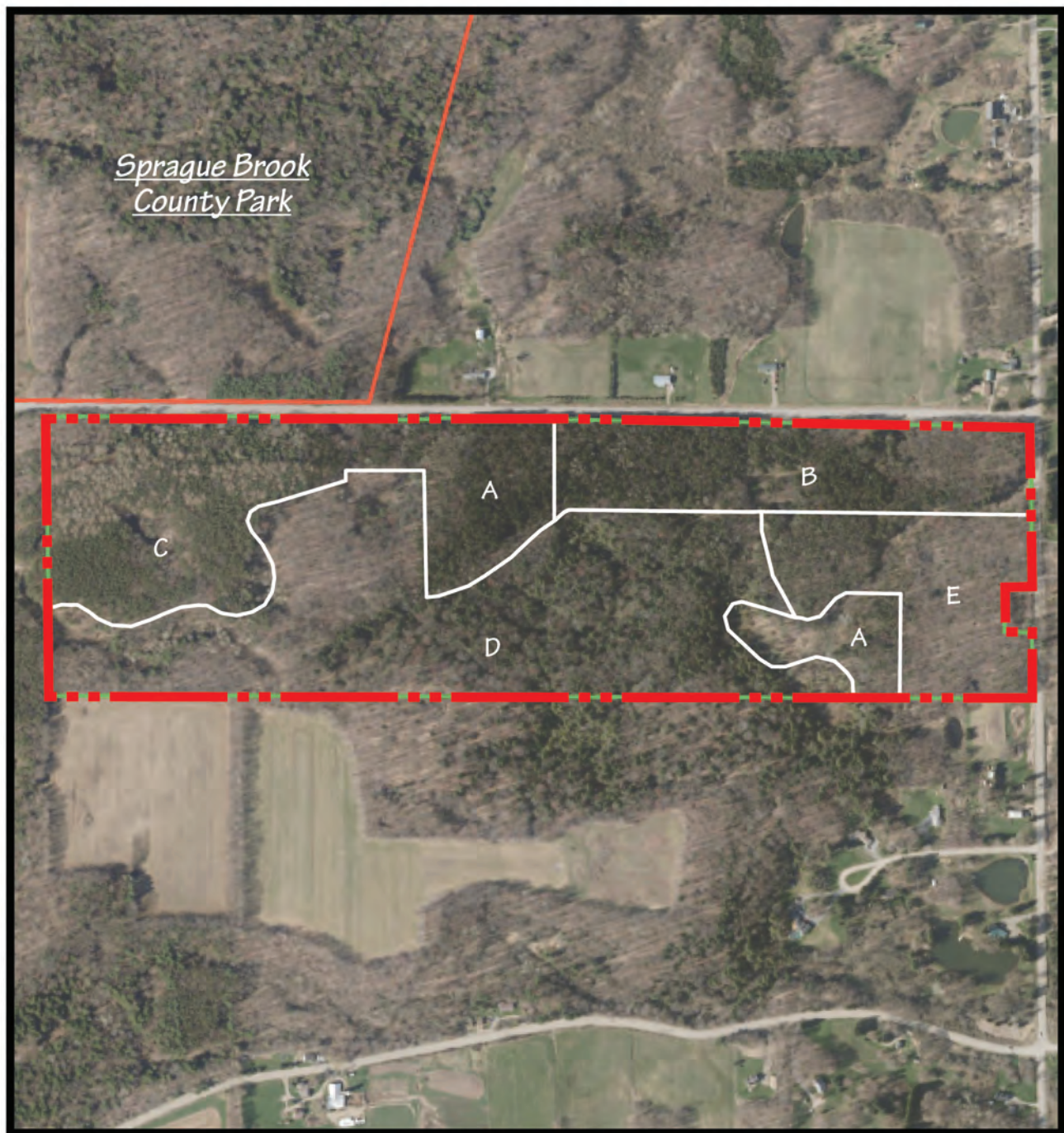
- Use signage that conforms to the Park System.

Environment:

- **(P: 4.0) Remove invasive species**
 - Priority: High
 - Partner: WNY Prism



Parks Location Map: The Forestry Lots are located in the southeastern portion of the County.



Erie County Forestry Lot #12



200 0 200 400

A horizontal scale bar with markings at 200, 0, 200, and 400 feet.

FORESTRY LOT #13

DESCRIPTION

Located in East Concord, 295 acres of mature conifer plantations.

RECREATIONAL / EDUCATIONAL CONTEXT

A snowmobile trail traverses the lot along the electrical transmission easement.

Timber Stands:

Stand A: Plantations mainly comprised of Larch with an understory of northern hardwoods including Black Cherry, Sugar Maple and White Ash.

Stand B: Plantations mainly comprised of Red Pine, White Pine, Scotch Pine, Austrian Pine, and limited Norway Spruce. The understory contains Black Cherry and White Ash.

Stand C: Uneven aged stand of northern hardwoods including Black Cherry, Sugar Maple, Hemlock, Red Maple and White Ash. Stand density is moderately low.

Stand D: Uneven aged stand of northern hardwoods and conifers.

MASTER PLAN RECOMMENDATIONS

Maintenance / Safety:

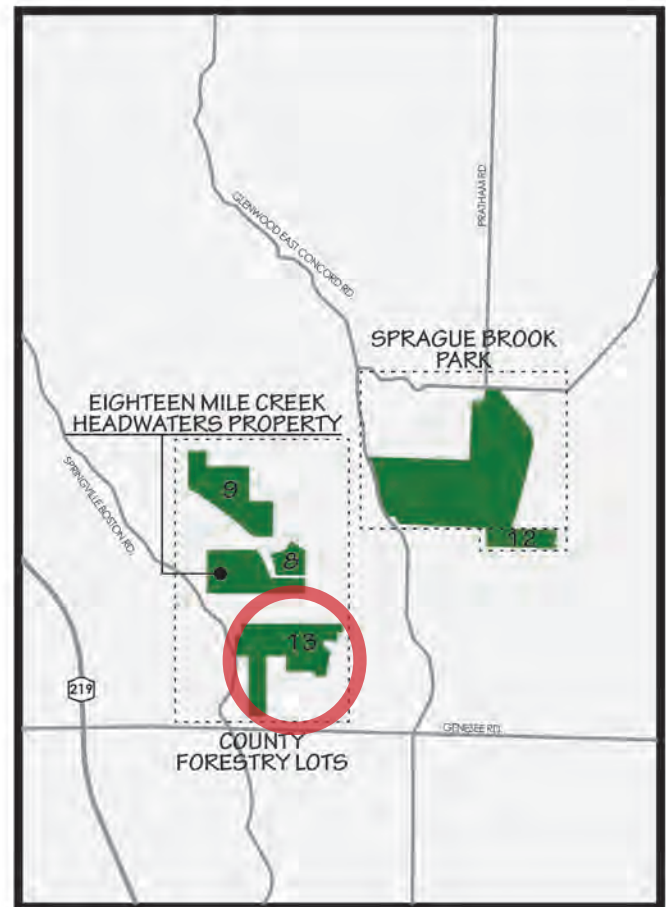
- **(A: 4.0) Fire Breaks in need of general clearing.**
 - Priority: High
 - Partner: In-House
- **(C: 6.0) Repair roof and preserve wood chip storage shed to prevent safety issues.**
 - Priority: Medium

Recreation / Education:

- **Recreational opportunities may include hiking, cross country skiing, snowshoeing, bird watching and wildlife viewing.** The property offers an excellent opportunity for educational programs focused on topics in the areas of field ecology, environmental analysis and conservation biology.

Signage:

- **Ensure that the boundary of the lot is posted adequately** and that at access points along the snowmobile trail the rules of the forestry lot are clearly identified.
- **Use signage that conforms to the Park System.**



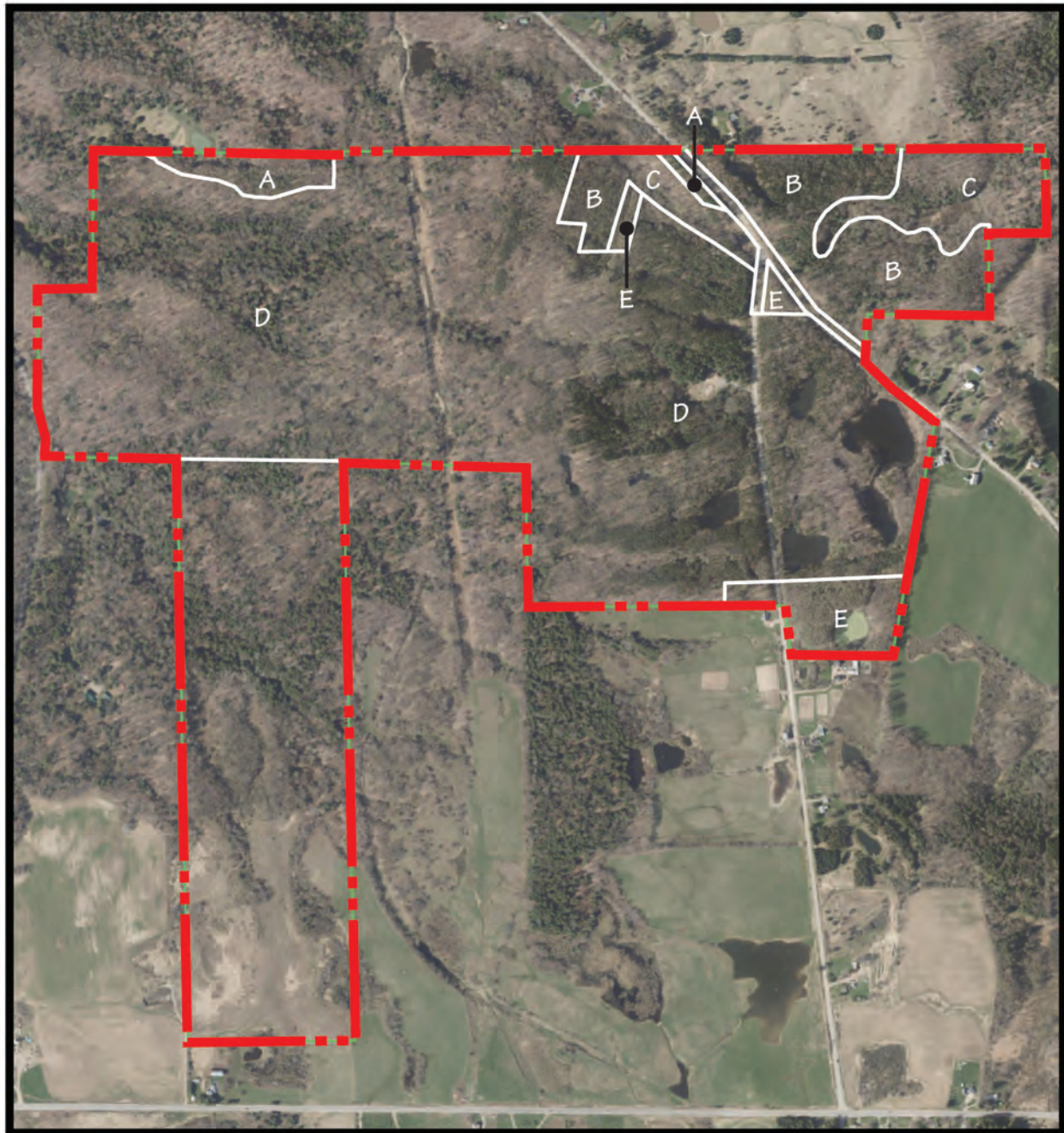
Parks Location Map: Forestry Lot #13 is located in East Concord south of Forestry Lot #8.

Environment:

- **(P: 4.0) Remove invasive species - Multiflora Rose and Tatarian Honeysuckle are present on the lot.**
 - Priority: High
 - Partner: WNY Prism



Wood chip storage shed



Erie County Forestry Lot #13



400 0 400 800

FORESTRY LOTS: ACTION ITEMS

Type	Project #	Recommendation	Implementation Strategies	Priority	Term	Estimated Cost
A	1.0	Perform a comprehensive update to the 2003 Forest Management Plan		High	3-5 Years	Varies dependent on scope of work
A	4.0	(All Lots) Fire Breaks in need of general clearing.		High	Ongoing	In-House
C	1.0	(Forestry Lot #1) Replace the roof on the Warm Up Shelter and the concrete pavement in the seating area.	Engage a consultant to review the structural condition on a portion of the roof at the Warm Up Shelter to determine a course of action.	High	3-5 Years	\$10,000
C	2.0	(Forestry Lot #1) Replace the roof on the Sugar Shanty.	Engage consultant to determine course of action and repairs needed	High	3-5 Years	\$15,000
C	5.0	(Forestry Lot #3) Replace the roofs on the 3 buildings.	Engage consultant to determine course of action and repairs needed	High	3-5 Years	\$25,000
P	1.0	(Forestry Lot #9) Partner with usergroups to maintain and enhance snowmobile trail.		High	Ongoing	Partner
P	2.0	(Forestry Lot #11) Maintain and enhance snowmobile trail, partner with usergroups.		High	Ongoing	Partner
P	3.0	(Forestry Lot #12) Continue partnership with WNYMBA to provide and maintain the mountain bike trails. The trails appear to be well maintained and the users are respecting the property.	Coordinate with WNYMBA	High	Ongoing	Partner
P	4.0	(All Lots) Identify and remove invasive species	Work with WNY Prism	High	Ongoing	Partner/ In-House
A	1.0	(Forestry Lot #1) Provide advanced directional signs to the entrances.	Coordination between Parks and Highways to develop and produce the sign panels.	Medium	1-2 Years	In-House

KEY:

A: Action Item: Completed at low to no cost by Parks staff

P: Assistance or completion of project by potential partner/user group

C: Capital Project

POB: Parks Operating Budget



FORESTRY LOTS: ACTION ITEMS

Type	Project #	Recommendation	Implementation Strategies	Priority	Term	Estimated Cost
A	3.0	(Forestry Lot #2) The culverts should be reviewed by DPW to determine their present condition and provide a course of action.	Coordinate with DPW	Medium	1-2 Years	In-House
A	5.0	(Forestry Lot #1) Provide an accessible approach to the Dresser Creek Bridge. This may be accomplished with a wood ramp (which may require railings) or compacted asphalt millings or similar durable surface material.	Highways could provide millings, Parks crew could grade approach	Medium	3-5 Years	P.O.B.
A	6.0	(Forestry Lot #3) Warm Up shelters need minor repairs and painting.		Medium	1-2 Years	P.O.B.
A	7.0	(Forestry Lot #3) Use signage that conforms to the Park System at the Warm Up Shelter	Coordination between Parks and Highways to develop and produce the sign panels.	Medium	3-5 Years	In-House
C	4.0	(Forestry Lot #2) Repair the drying rack and former saw mill structures. Though their current uses have limited occupancy, both structures are open and accessible by the public. A structural review is needed to determine a course of action. At a minimum the roofs on the structures should be replaced to continue using the facilities as drying racks.	Engage consultant to determine course of action and repairs needed	Medium	3-5 Years	\$15,000
C	6.0	(Forestry Lot #13) Repair roof and preserve wood chip storage shed to prevent safety issues.	Engage consultant to determine course of action and repairs needed	Medium	3-5 Years	\$1,800
P	5.0	(All Lots and Trails) Clear the trails and provide more permanent trail markers. Some hiking trails are overgrown and lacking markers.	Could be partner opportunity with Orienteering groups, scouts, etc. - Parks and Highways produce markers	Medium	Ongoing	In-House
A	2.0	(Forestry Lot #1) Provide additional wayfinding signage at intersections directing patrons to the site. Consider adding signage on Route 219 identifying the route to the site.	Coordination between Parks and Highways to develop and produce the sign panels.	Low	3-5 Years	In-House