



**Adirondack  
Park Agency**

**P2022-0163**

**Lyme Timber Company**

**Agency Meeting: September 2022**

**September 14, 2022**

# Overview

- Background
- Jurisdiction
- Proposal
- Project Site
- Silvicultural Treatments
- Review Standards
- Public Comment

# Background

# Agency Timber Harvest Permits

- Historic Avoidance of Agency Jurisdiction
  - Can lead to poor Silviculture
  - Decrease in forest health and value long term
- Beginning in 2013:
  - Industrial Forestland Managers come forward
  - Communication and Efficiencies
    - » Third Party Certification (FSC and SFI)
    - » NYS Working Forest Conservation Easements
  - Applications are well prepared and well positioned for an efficient Agency review process

# Background - Delegated Authority of DDRP

- Forest Stewardship Council (FSC) and/or Sustainable Forestry Initiative (SFI) Certification
- New York State Working Forest Conservation Easement
- Under 500 acre harvest site
- Absence of difficult resource considerations

# Jurisdiction

# Jurisdiction

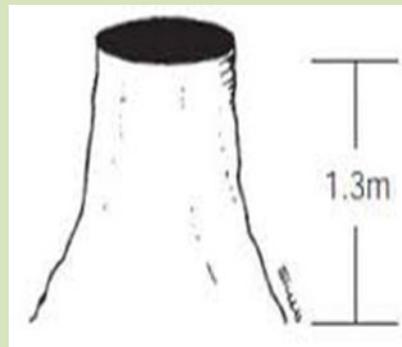
Class A Project in Resource Management  
810(1)(e)(11)

“Timber harvesting that includes a proposed clearcutting of any single unit of land of more than twenty-five acres”

# Jurisdiction

9 NYCRR Part 573.7(a)(1)

cutting of trees over **6” dbh** over any **10-year period**, such that the average residual basal area of such trees after such cutting is less than **30 ft<sup>2</sup> /acre**, measured within the area harvested ...



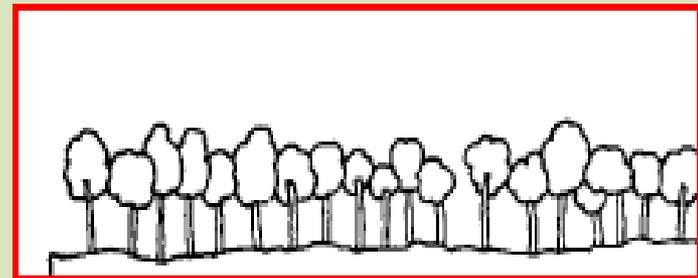
# Proposal

# Proposal

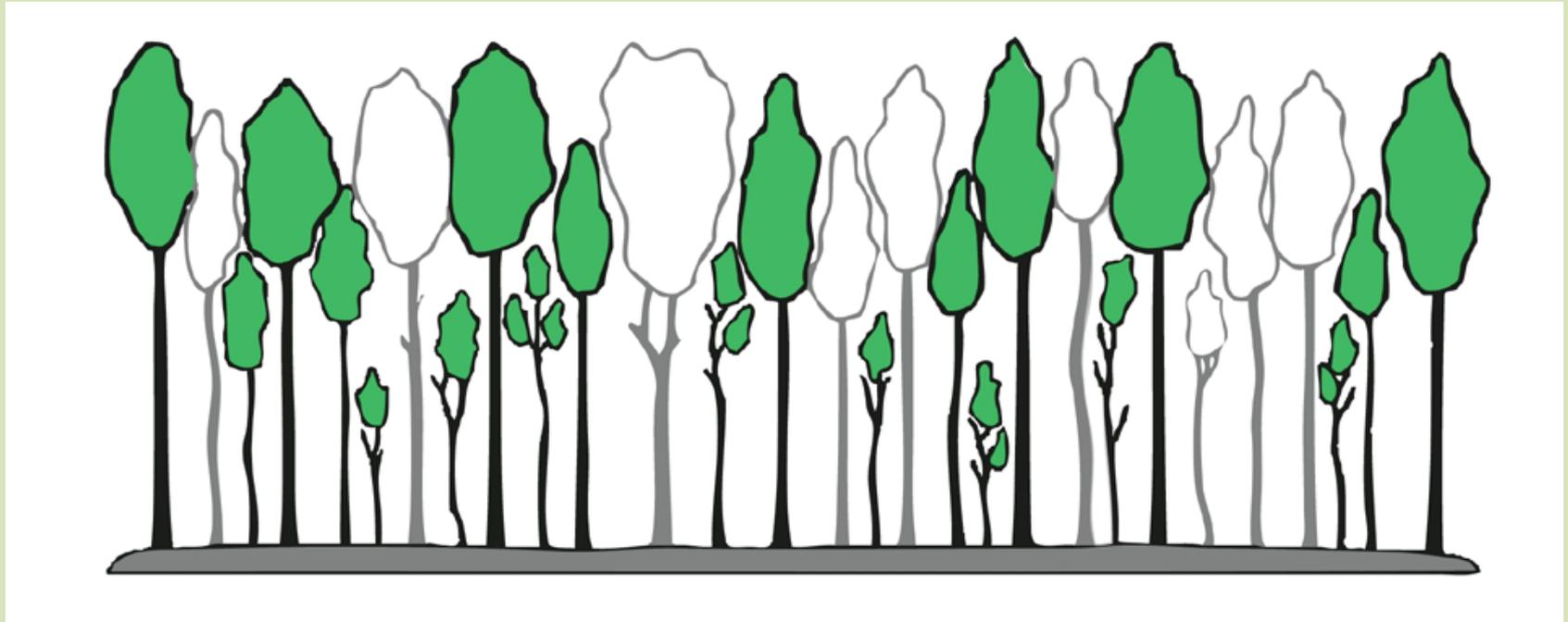
Timber harvest on 643± acre project site, to include two silvicultural treatments:

- 1) Shelterwood removal with reserves (721± acres);
- 2) Free Thinning (102± acres).

# Shelterwood



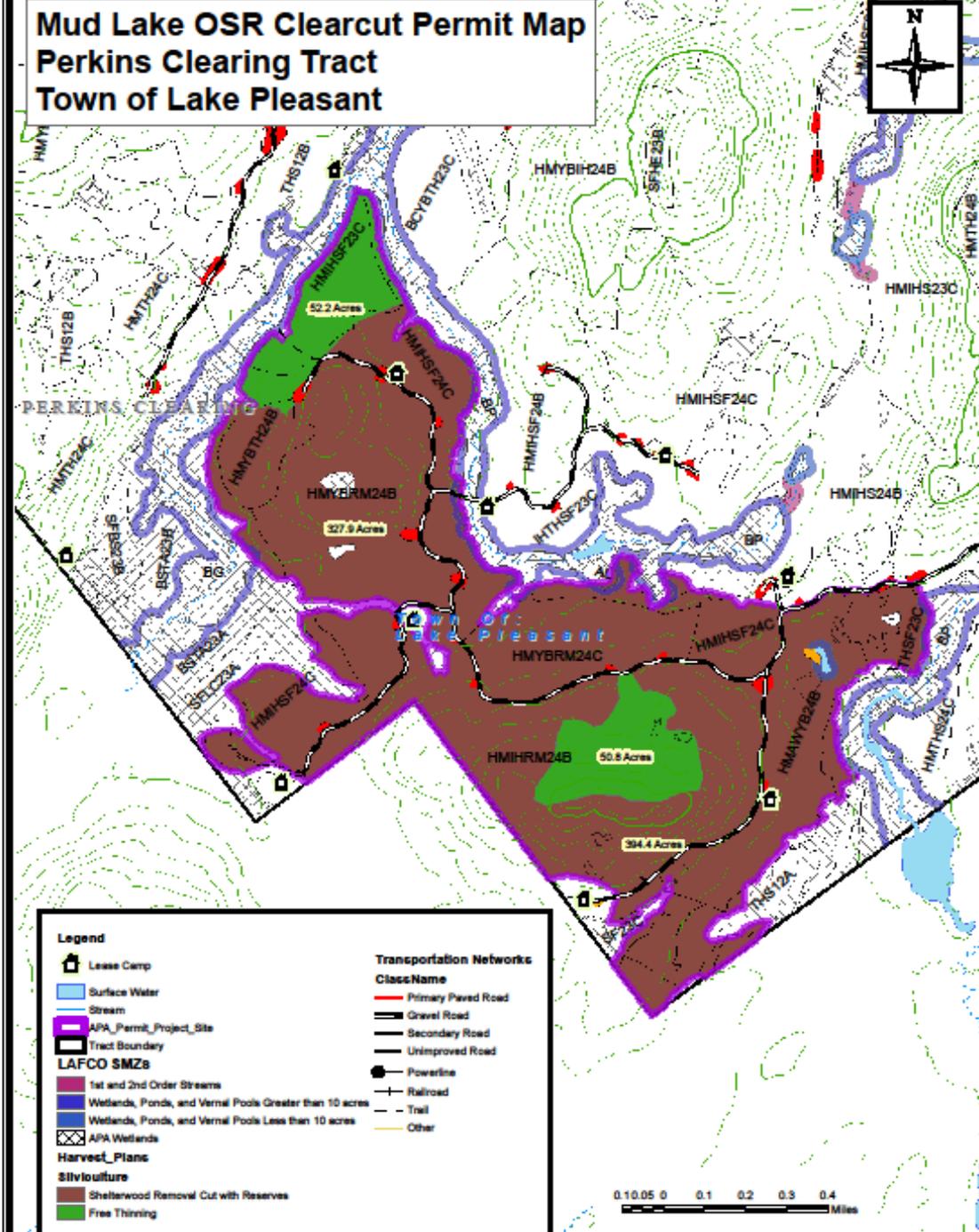
# Thinning



# Mud Lake OSR Clearcut Permit Map

## Perkins Clearing Tract

### Town of Lake Pleasant

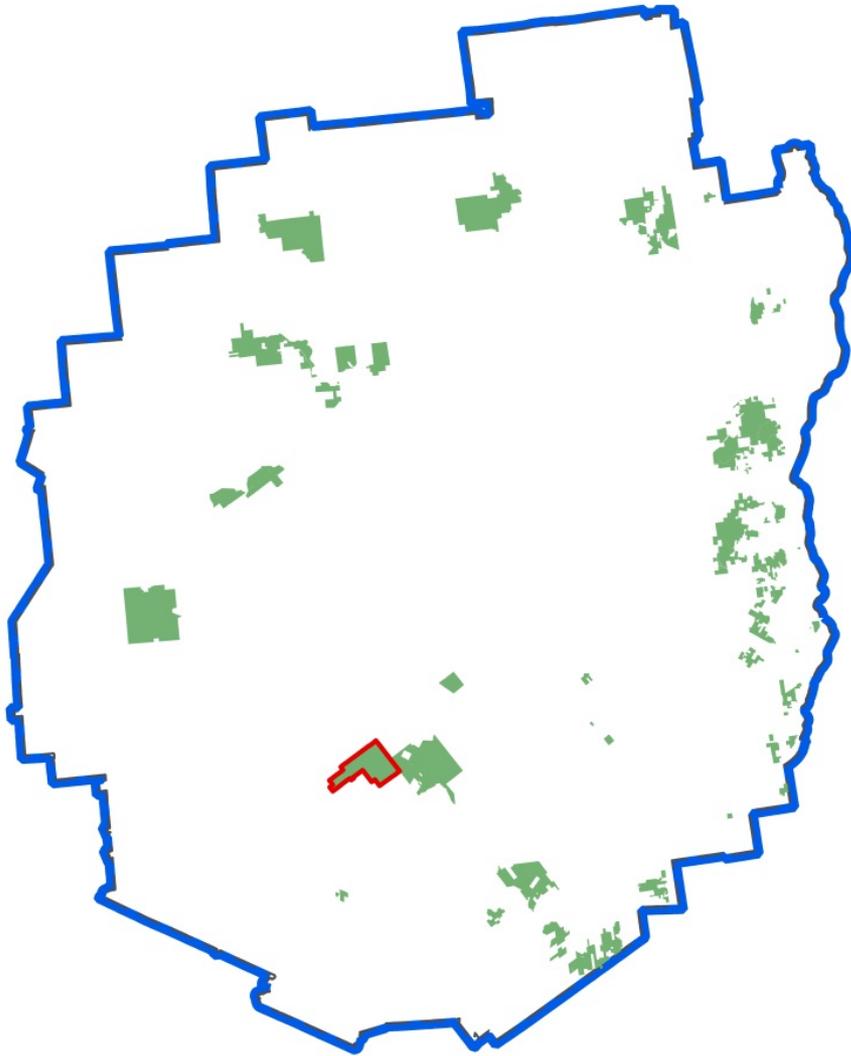


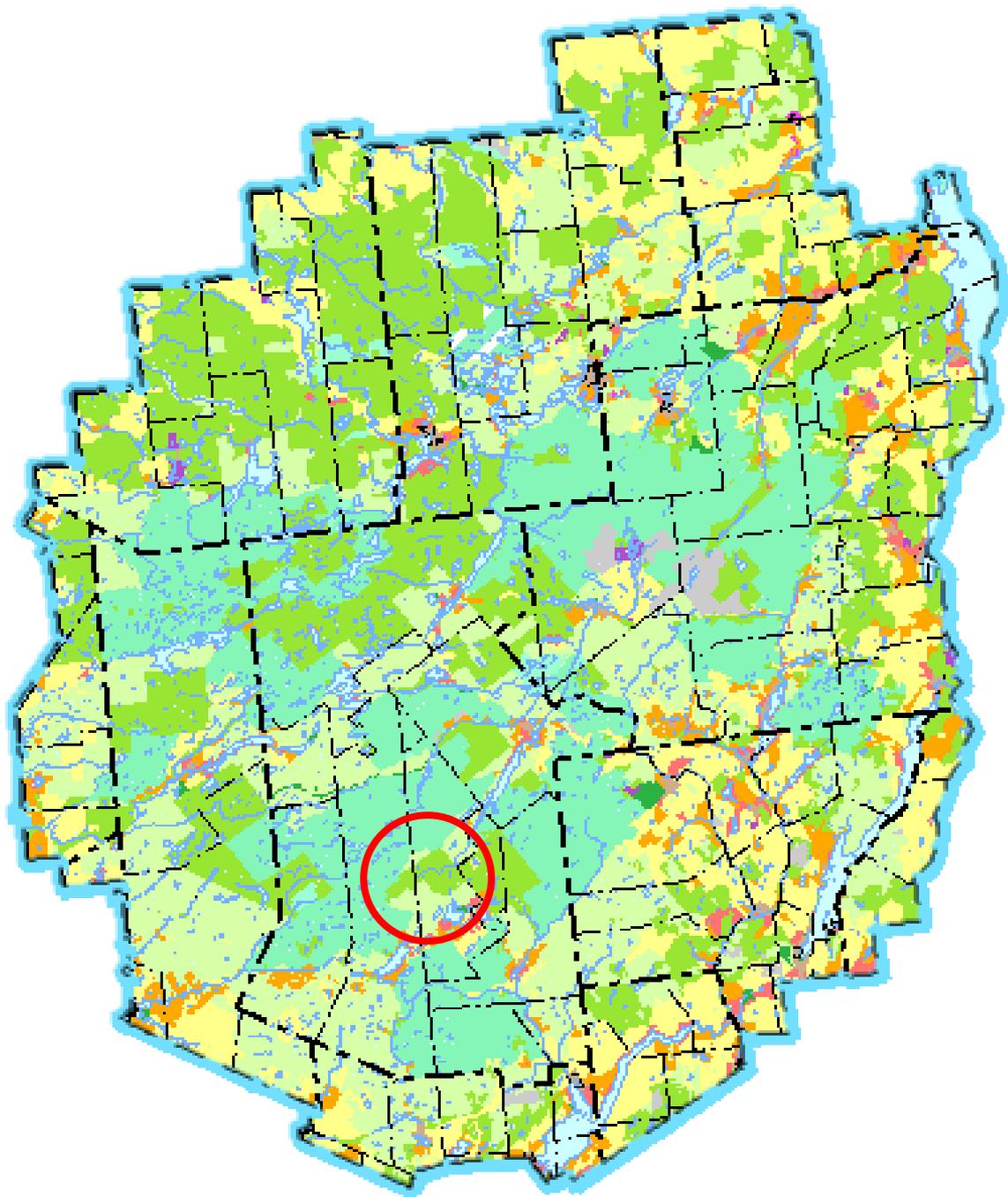
**Legend**

Lease Camp	<b>Transportation Networks</b>
Surface Water	<b>ClassName</b>
Stream	Primary Paved Road
APA_Permit_Project_Site	Gravel Road
Tract Boundary	Secondary Road
1st and 2nd Order Streams	Unimproved Road
Wetlands, Ponds, and Vernal Pools Greater than 10 acres	Powerline
Wetlands, Ponds, and Vernal Pools Less than 10 acres	Railroad
APA Wetlands	Trail
<b>Harvest_Plans</b>	Other
<b>Silviculture</b>	
Shelterwood Removal Cut with Reserves	
Free Thinning	



# Project Site





WEST CANADA  
LAKE  
Wilderness



Jessup  
River  
Wild Forest

Moffit Beach

LAKE PLEASANT

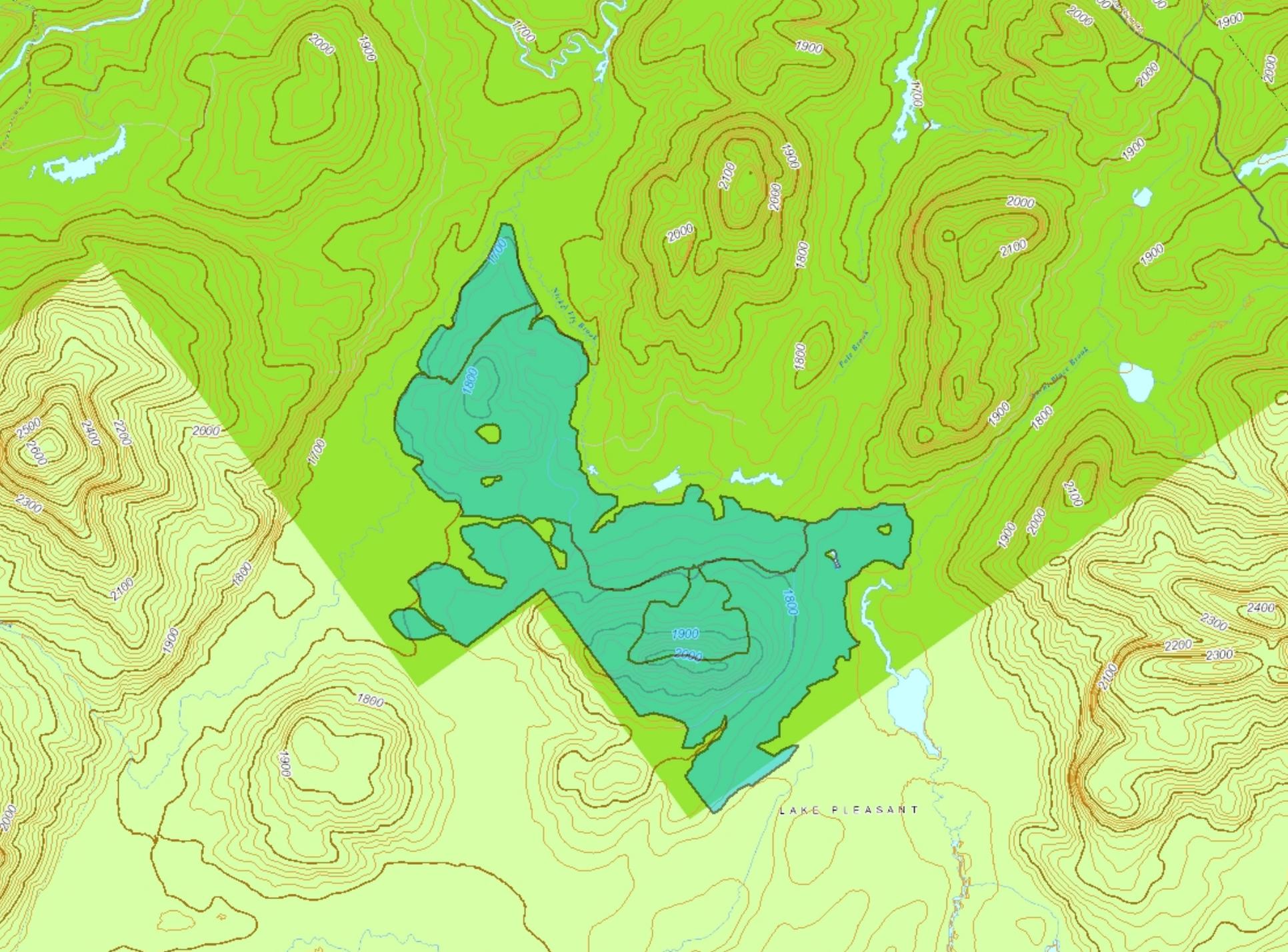
ARIETTA

Poplar Point

NYS ITS GIS Program, Office, Westchester County GIS, NYS AD

WELLS

WELLS



2000

1900

1700

1900

2000

1900

2000

1900

2000

2100

1900

2000

2100

2000

1900

1800

1800

1900

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2000

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1800

1900

LAKE PLEASANT

1900

2000

2100

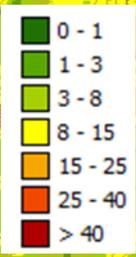
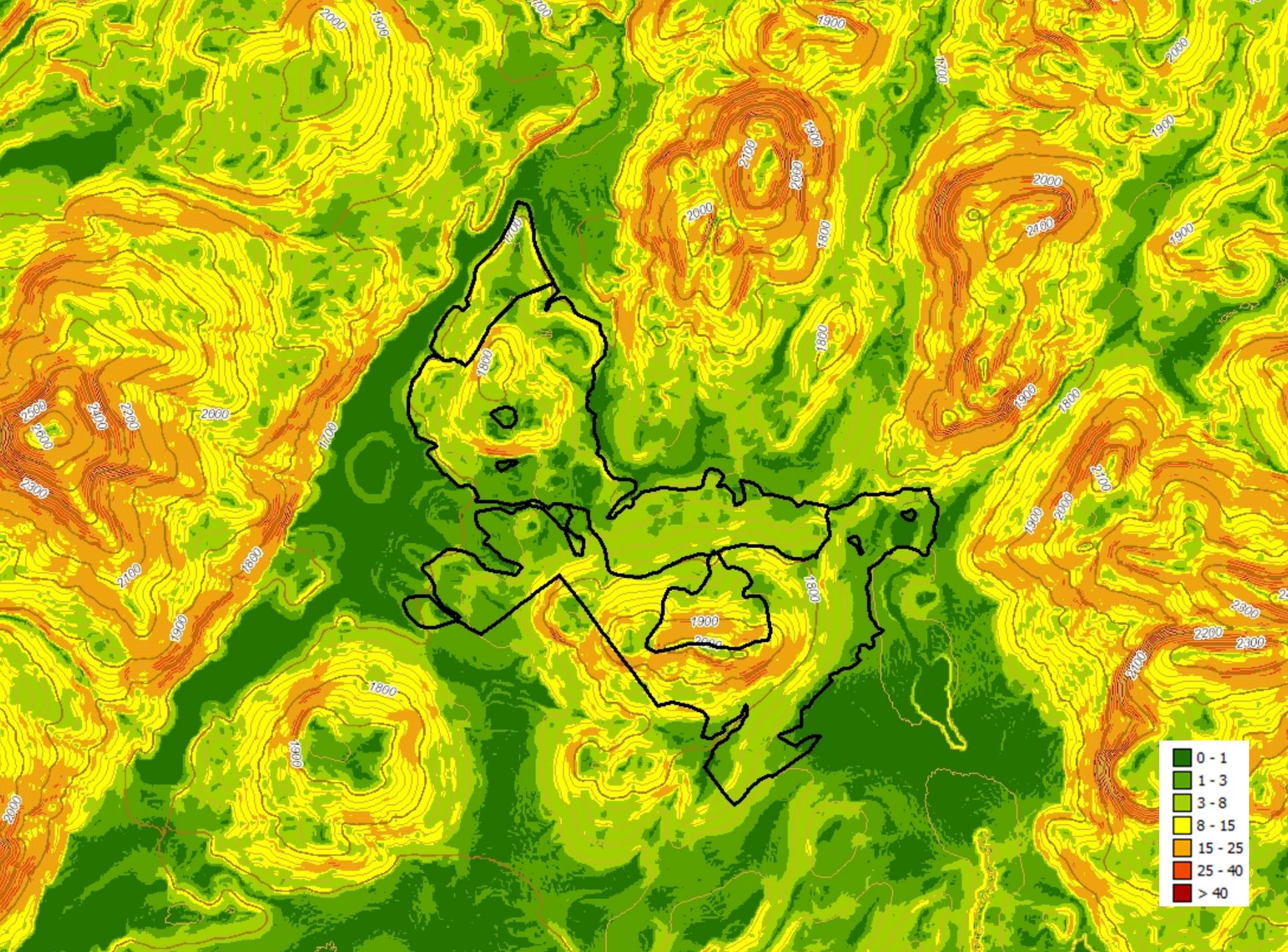
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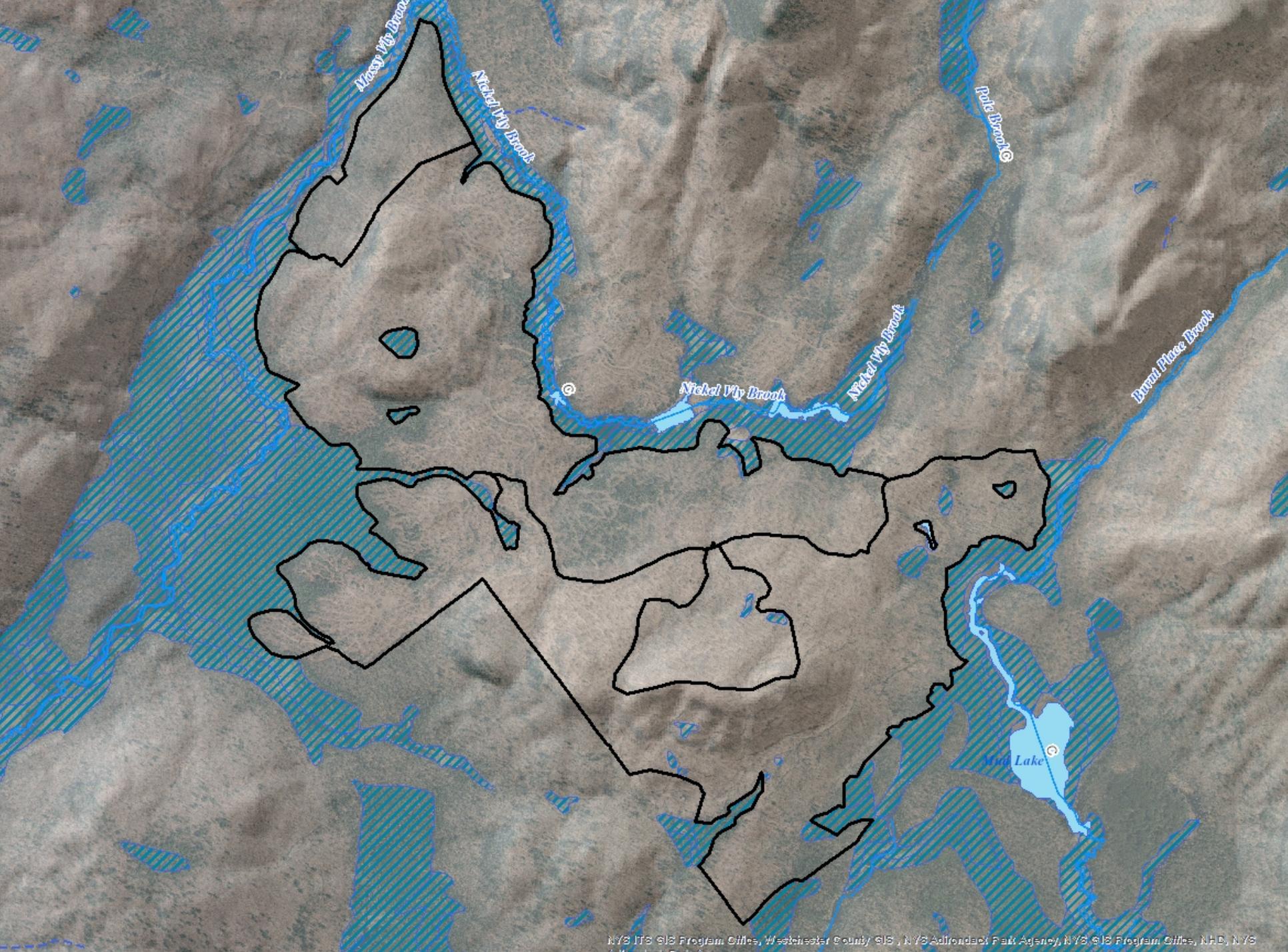
2300

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2100

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Mossy My Brook

Nickel My Brook

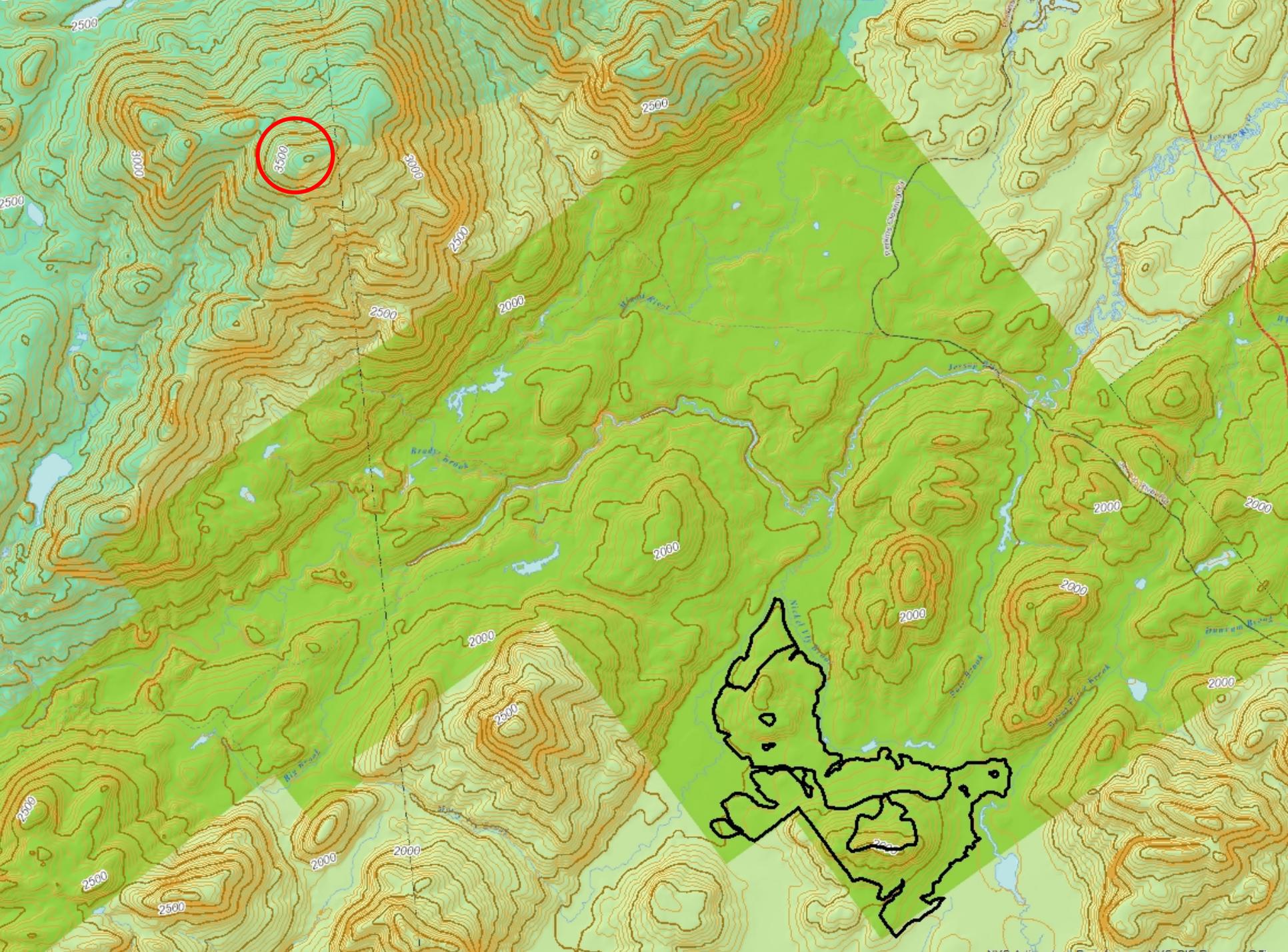
Pale Brook

Nickel My Brook

Nickel My Brook

Burnt Place Brook

Mud Lake



# Silvicultural Treatments

# Silvicultural Treatments : 1

Shelterwood Removal with Reserves (721± acres)

Stand Conditions:

- Overstory → 58 ft<sup>2</sup>/ac.; Mixed Northern Hardwoods (sugar maple, white ash, yellow birch, red maple, beech red spruce, black cherry). 66% is acceptable growing stock. 33% is unacceptable growing stock;
- Advanced regeneration (1-4" dbh): 1600 stems/acre (56% beech, 16% yellow birch)
- Seedlings (<1" dbh): 8000 stems/acre (28% sugar maple, 22% red maple, 15% beech)

# Silvicultural Treatments : 1

Shelterwood Removal with Reserves (721± acres)

Harvest Goals:

- Release a young age class of healthy, desirable species. Remove overstory stems removed to provide sunlight and resources to understory;
- Reserve trees selected from yellow birch, sugar maple, white ash, red spruce, red maple and black cherry stems to provide future seed source.

# Silvicultural Treatments : 2

Free Thinning (102± acres):

Stand Conditions:

- Overstory → 110 ft<sup>2</sup>/ac.; sugar maple, white ash, beech, yellow birch, red maple, and red spruce;
- Understory → Not surveyed –regeneration is not the focus of this treatment.

# Silvicultural Treatments : 2

Selection Thinning (134± acres):

Harvest Goals:

- Provide ideal growing conditions for healthy, vigorous crop trees.
- Remove mature and and unacceptable growing stock displaying poor form, disease, canker and dying tops.
- Target residual basal area is 70 ft<sup>2</sup>/acre



07.14.2022













07.14.2022





# Review Standards

# Review Standards - 573.7(d)

- the clearcutting is for a recognized silvicultural purpose;
- there are adequate buffers on the shorelines of lakes, ponds, rivers or streams; along major travel corridors, and, if necessary, around dwellings on adjacent lands, so as to preserve water quality and visual quality and to control noise;
- habitats of rare and endangered species and other key wildlife habitats will be protected;

# Review Standards

- regeneration of timber is assured;
- if proposed, and if allowed by the agency, any use of pesticides and herbicides will be strictly controlled;
- harvest will be controlled by qualified personnel by contract, marked stand, direct supervision, or other adequate means;

# Review Standards

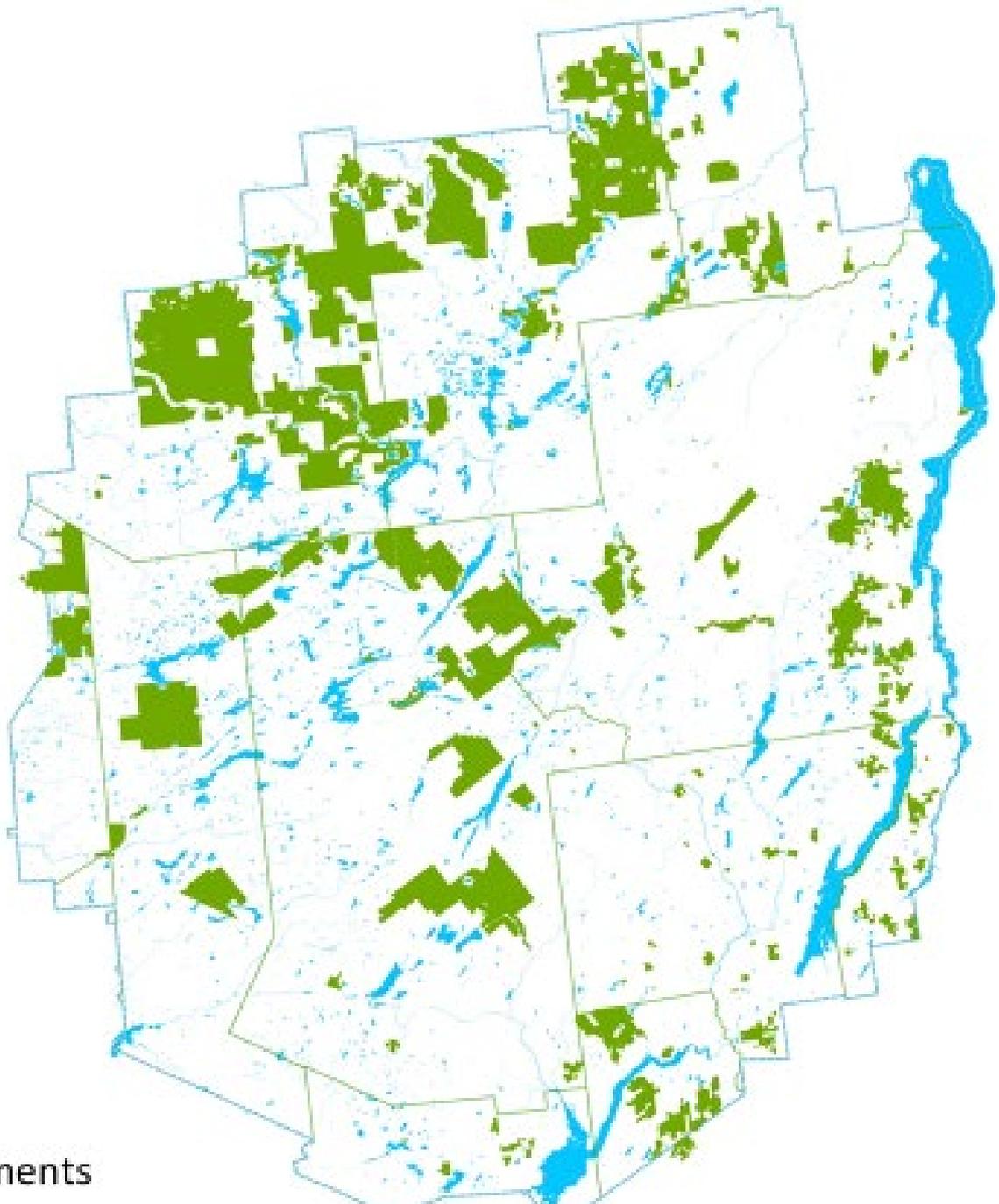
- wood roads and skid trails will be located, and equipment will be operated, so as to minimize erosion on slopes and elsewhere;
- the storage, mixing, or bulk handling of fuel, chemicals, or other hazardous materials will be strictly controlled;
- the latest edition of the New York State Forestry Best Management Practices for Water Quality: BMP Field Guide will be adhered to, at a minimum.

# Public Comment



**P2022-0163**  
**Lyme Timber Company**

**Staff Recommendation**  
**Approve with Conditions**



New York State  
Conservation Easements

# Third Party Certification

Forest Stewardship Council (FSC)  
Sustainable Forestry Initiative (SFI)

- Conservation of biological diversity; protection of species at risk
- Maintenance of soil and water resources
- Ensure sustainable harvest levels
- Reforest harvested areas; and protect from deforestation and land use conversion
- Protect and maintain special sites (biological and cultural)
- Require third party audit
- Require public disclosure