



LOWER HUDSON FORESTRY SERVICES, LLC

P.O. Box 756, Nyack, NY 10960
(845) 270-2071
www.lowerhudsonforestry.com

December 18, 2023

To The Planning Board:

Attached is an application for a timber harvesting permit for 4754 State Route 44. The property is identified as tax parcel 7066-00-345640 and is owned by Turkey Hollow, Inc. The parcel totals 800.94 acres of which 186.0 acres are being considered for timber harvesting.

The trees to be harvested are a mix of hardwood and softwood species ranging in size from 8" to 32" in diameter. The reason these trees are being harvested is due to excessive damage and mortality due to spongy moth (gypsy moths) and hemlock wool adelgid. This harvest is a salvage treatment where value will be salvaged before complete loss. The summers of 2022 and 2023 saw a severe outbreak of spongy moths in this area. These defoliation events, combined with the drought in the summer of 2022 caused significant mortality in portions of Stands #13, #14 and #15 as shown on the 480a Forest Tax Law stand map. These trees were assessed in the summer of 2023 and trees that were dying or dead were marked for removal. Approximately 850 trees were observed to be either dead or dying. In Stands #6 and #9, hemlock comprises a significant percentage of the species composition. Hemlock Woolly Adelgid (HWA), a non-native invasive species, has been causing damage, decreased vigor and occasional mortality in the hemlock component for the last 5-6 years. The drought in the summer of 2022 exacerbated the problem and now there are many hemlock showing signs of rapid decline and mortality.

The harvest will be a heavy cut where trees showing little or no signs of damage will be retained and will serve as "seed" trees. These trees will provide seed to revegetate the area after the harvest. During the summer of 2023, many areas already showed signs of good regeneration where oak seedlings were in excess of 2,000 stems to the acre. This level of regeneration is more than enough to become the next age class in many areas of these stands. Other vegetation is not being removed and all precautions will be taken to minimizing damage to vegetation not marked for harvest. This includes other trees, small saplings, seedlings and ground vegetation. All trees designated for harvest will be utilized down to a 10" top diameter and tops and slash will be lopped to a height no greater than 3 feet off the ground.

The erosion control plan for this property will be the installation of erosion control measures where needed and may include water bars, rolling dips and/or water turnouts. Topography varies from flat to steep slopes, though the majority of the topography is rolling with moderate slopes. Soils are rocky and are well drained to excessively well drained. The property has a very good network of woods roads and old skid trails that are open and being maintained as ATV trails. These trails will all be used as skid trails. All erosion control devices and

implementation will be to current NY Best Management Practices (BMP's) for timber harvesting. All trails and the landing are to be smoothed and left free of debris at the completion of the project.


There is one DEC classified stream on the property, Wassaic Creek. No machinery will be crossing this stream, with the exception of trucks on the pre-existing steel bridge that is in place on the gravel road (see maps). A 50 foot no-cut buffer will be implemented on both sides of this stream. There is one small DEC wetland located in the far northern portion of the property along Route 44. No harvesting or skidding will be taking place within 1/2 of mile of this wetland. This property is not in or adjacent to any Critical Environmental Areas. There are no DEC identified rare, threatened or endangered species on or near the property.

Access to the property will be made via State Route 44, on a pre-existing gravel road that enters the property. Two landings will be located along this gravel road. Both landings will be over a mile off State Route 44. At the completion of the project these landing areas will be smoothed off and all logging debris will be removed.

It is expected that work will begin in the late spring of 2024 and it is expected that that this project will take 3-4 months to complete. Adverse weather such as rain or muddy conditions will increase the project timeframe and may result in the logging having to occur during drier weather or in the winter during frozen ground conditions.

If you have any questions, please let me know. I can be reached via phone at (845) 270-2071 or by email at chris@lowerhudsonforestry.com. Thank you for your time on this matter and I will be speaking to you soon.

Sincerely,



Christopher Prentis, Certified Forester

Town of Amenia Planning Board

Town of Amenia
4988 Route 22
Amenia, NY 12501

(845) 373-8860 / (845) 373-9147 fax

LAND USE APPLICATION

Type of Application: Check all that apply

Site Plan

Special Permit

Zoning Permit

Subdivision

Grid Number(s): 7066-00-375640

Zoning District(s): RA , RR , HM , HR , SR , HC
OC , M

Name of Project: Turkey Hollow Timber Harvest
Property Address: 4754 Route 44
Millbrook NY 12545

Overlay District(s) (if any): Floodplain , Stream Corridor ,
Scenic Protection , Aquifer , Mixed-Use Institutional ,
Soil Mining , Historic Preservation , Mobile Home Park ,
Resort Development

Primary Contact Person: Tim Bontecou

Current Use(s): Hunting/Sheeting Club

Address: 4754 Route 44
Millbrook NY 12545

Proposed Use(s): Same

Parcel Size: 800.94 Acres

Telephone Number: (845) 373-7084
Email: tim@tamaraackprestave.net

Type of Activity: New structure , Alteration of existing structure ,
Expansion of use or structure

Name of Property Owner: Turkey Hollow Inc.

Change of use in existing structure , Subdivision

Address: 4754 Route 44
Millbrook NY 12545

Total Square Footage of Structures:

Current Proposed

Footprint of Structures: _____

Telephone Number: (845) 373-7084

Deed Reference: Liber 22010 Date _____

Address: _____

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Name of Applicant (if different): _____

Filed Map Reference: Lot # _____ Map # _____

Address: _____

Does the property contain a farm operation located within an agricultural district or is the property boundary within 500 feet of a farm operation located in an agricultural district:

Telephone Number: _____

yes no

Email: _____

If yes, submit an Agricultural Date Statement.

Relationship of Applicant to Owner (e.g. contract vendee, option holder, lessee): _____

Will the development be phased? Yes No

Telephone Number: _____

If yes, how many phases? _____

Email: _____

Is there an existing Special Permit, Site Plan and/or Subdivision approval for the property? Yes No

Relationship of Applicant to Owner (e.g. contract vendee, option holder, lessee): _____

Plans Prepared By: _____

Name: Christopher Prentis

If yes, provide certified copies of those existing approvals with this application.

Address: P.O. Box 756

Nyack NY 10960

Telephone Number: (845) 270-2071

E-mail: chris@lanserhudsonforestry.com



TOWN OF AMENIA

4988 Route 22, AMENIA, NY 12501
TEL: 845-373-8860, x106 FAX: 845-373-9147

TOWN OF AMENIA PLANNING BOARD AUTHORIZATION OF AGENT

I, Tim Bontecou, am the owner of the property
located at 4754 Route 44, Amenia, New York, identified as
Grid Number 7066-00-345640.

I hereby authorize Christopher Prentis to act as my agent in an

Application to the Town of Amenia Planning Board for Turkey Hollows Timber Harvest
(Name of Project)

Print Name TIM BONTICOU

Signature Tim Bontecou

Date 11/13/23

TOWN OF AMENIA
ESCROW FOR PROFESSIONAL SERVICES

Date: _____
Applicant: Turkey Hollow Inc
Project Name: Turkey Hollow Timber Harvest
Location: 4754 Route 44
Description of Project: Salvage and selective harvest
of trees killed by spongy moths and Hemlock Woolly Adelgid
Amount Requested: \$ 2,500.00 Minimum Balance: \$ _____

The Town of Amenia Planning Board is currently reviewing your application for Turkey Hollow Timber Harvest. This Board is requesting that you place in escrow sufficient funds to be used to defray reasonable costs incurred by the Town for professional services and inspections required throughout the entire review process, as authorized by the Town Code of the Town of Amenia.

Based on estimated review costs, you are requested to deposit \$ 2,500.00 in the escrow account. Should the balance of this account fall below \$ _____, you will be notified and requested to replenish the account to the requested amount.

This escrow account does not provide for the other development, application and filing fees set forth in the Town of Amenia Town Code and Schedule of Fees. The applicant must make timely, direct payment of those other fees as a prerequisite to continued review of the application.

All parties agree to the terms and conditions stated herein.

Town of Amenia _____ Board
By:

Wm Butera President
Applicant:
By:



TOWN OF AMENIA

4988 Route 22, AMENIA, NY 12501
TEL: 845-373-8860, x106 FAX: 845-373-9147

AGRICULTURAL DATA STATEMENT

Applicant Name: Turkey Hollow Inc.

Address: 4754 Route 44
Millbrook NY 12545

Application Type (check all that apply)
Subdivision
Site Plan
Special Use Permit

Does the application include land that contains a farm operation* within an Agricultural District? Yes No

Does the application include lands within 500 feet of a farm operation* within an Agricultural District? Yes No

If you answered yes to any of the two questions above, provide the name and address of the owners of land containing the farm operation below and attach a tax or other map to this sheet with the farm operation indicated, along with the Section, Block and Lot number for the farm operation.

- 1.) Donald Rosendale 4848 Route 44 Amenia, NY 12501 7067-00-428206
- 2.) Martin's Fox Hollow Farm 111 S. Wacker Dr, Suite 3975 Chicago IL 60606 7067-00-332636
- 3.) Bell-Aire Farm 460 Park Ave, 11th Fl New York, NY 10022 6967-00-983502

Provide a description of your project and attach a separate map showing the entire property that is included in your application.

*Farm operation means the land used in agricultural production, farm buildings, equipment and farm residence buildings.

Short Environmental Assessment Form

Part 1 - Project Information

Instructions for Completing

Part 1 – Project Information. The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information.

Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

Part 1 – Project and Sponsor Information

Name of Action or Project: Turkey Hollow timber harvest		Telephone: (845) 373-7084
Project Location (describe, and attach a location map): Tax map 7066-00-345640 4754 Route 44		E-Mail: tim@tamaraackpreserve.net
Brief Description of Proposed Action: Salvage of hardwood trees killed by drought and spongy moth infestation of 2022 and 2023. Hemlock salvage from hemlock wooly adelgid damage. Property is enrolled in 480a (certificate #13-040).		
Name of Applicant or Sponsor: Turkey Hollow, Inc.		Zip Code: 12545
Address: 4754 State Route 44		State: NY
City/PO: Millbrook		NO YES
1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation? If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.		<input checked="" type="checkbox"/> <input type="checkbox"/>
2. Does the proposed action require a permit, approval or funding from any other government Agency? If Yes, list agency(s) name and permit or approval: Town of Amenia timber harvesting permit		NO YES
3. a. Total acreage of the site of the proposed action? b. Total acreage to be physically disturbed? c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor?		<input type="checkbox"/> <input checked="" type="checkbox"/>
4. Check all land uses that occur on, are adjoining or near the proposed action:		<input type="checkbox"/> <input checked="" type="checkbox"/>
5. <input type="checkbox"/> Urban <input checked="" type="checkbox"/> Rural (non-agriculture) <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input type="checkbox"/> Residential (suburban)		
<input checked="" type="checkbox"/> Forest <input type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input type="checkbox"/> Other(Specify):		
<input type="checkbox"/> Parkland		

	NO	YES	N/A
5. Is the proposed action, a. Permitted use under the zoning regulations? b. Consistent with the adopted comprehensive plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Consistent with the adopted comprehensive plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?	NO	YES	YES
7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area? If Yes, identify: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8. a. Will the proposed action result in a substantial increase in traffic above present levels? b. Are public transportation services available at or near the site of the proposed action? c. Are any pedestrian accommodations or bicycle routes available on or near the site of the proposed action?	NO	YES	YES
a. Will the proposed action result in a substantial increase in traffic above present levels?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Are public transportation services available at or near the site of the proposed action?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Are any pedestrian accommodations or bicycle routes available on or near the site of the proposed action?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Does the proposed action meet or exceed the state energy code requirements? If the proposed action will exceed requirements, describe design features and technologies: _____ _____	NO	YES	YES
Does the proposed action meet or exceed the state energy code requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Will the proposed action connect to an existing public/private water supply? If No, describe method for providing potable water: _____ _____	NO	YES	YES
Will the proposed action connect to an existing public/private water supply?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Will the proposed action connect to existing wastewater utilities? If No, describe method for providing wastewater treatment: _____ _____	NO	YES	YES
Will the proposed action connect to existing wastewater utilities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. a. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? b. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?	NO	YES	YES
Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency? b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody? If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres: _____ _____	NO	YES	YES
Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply:

Shoreline Forest Agricultural/grasslands Early mid-successional
 Wetland Urban Suburban

15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or Federal government as threatened or endangered?

16. Is the project site located in the 100-year flood plan?

17. Will the proposed action create storm water discharge, either from point or non-point sources?
If Yes,

a. Will storm water discharges flow to adjacent properties?

b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)?
If Yes, briefly describe:

18. Does the proposed action include construction or other activities that would result in the impoundment of water or other liquids (e.g., retention pond, waste lagoon, dam)?
If Yes, explain the purpose and size of the impoundment:

19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility?
If Yes, describe:

20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste?
If Yes, describe:

I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Applicant/sponsor/name: Christopher Prentiss, CF Date: 12/18/23
Signature: Clayton Prentiss Title: Forester/Agent

	NO	YES
14.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.	<input type="checkbox"/>	<input type="checkbox"/>
16.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17.	<input type="checkbox"/>	<input type="checkbox"/>
18.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

PRINT FORM



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 Division of Lands and Forests

CERTIFICATE OF APPROVAL

Certificate Number
13-040

Property Owner(s)
TURKEY HOLLOW, INC.
 c/o Tim Bontecou
 4754 Route 44
 MILLBROOK NY 12545
 Telephone #: (845) 373-7084

Original Certification Date **11/25/1981**
 Date of Last Amendment **11/14/2023**
 Last 5-Year Update **1/18/2022**

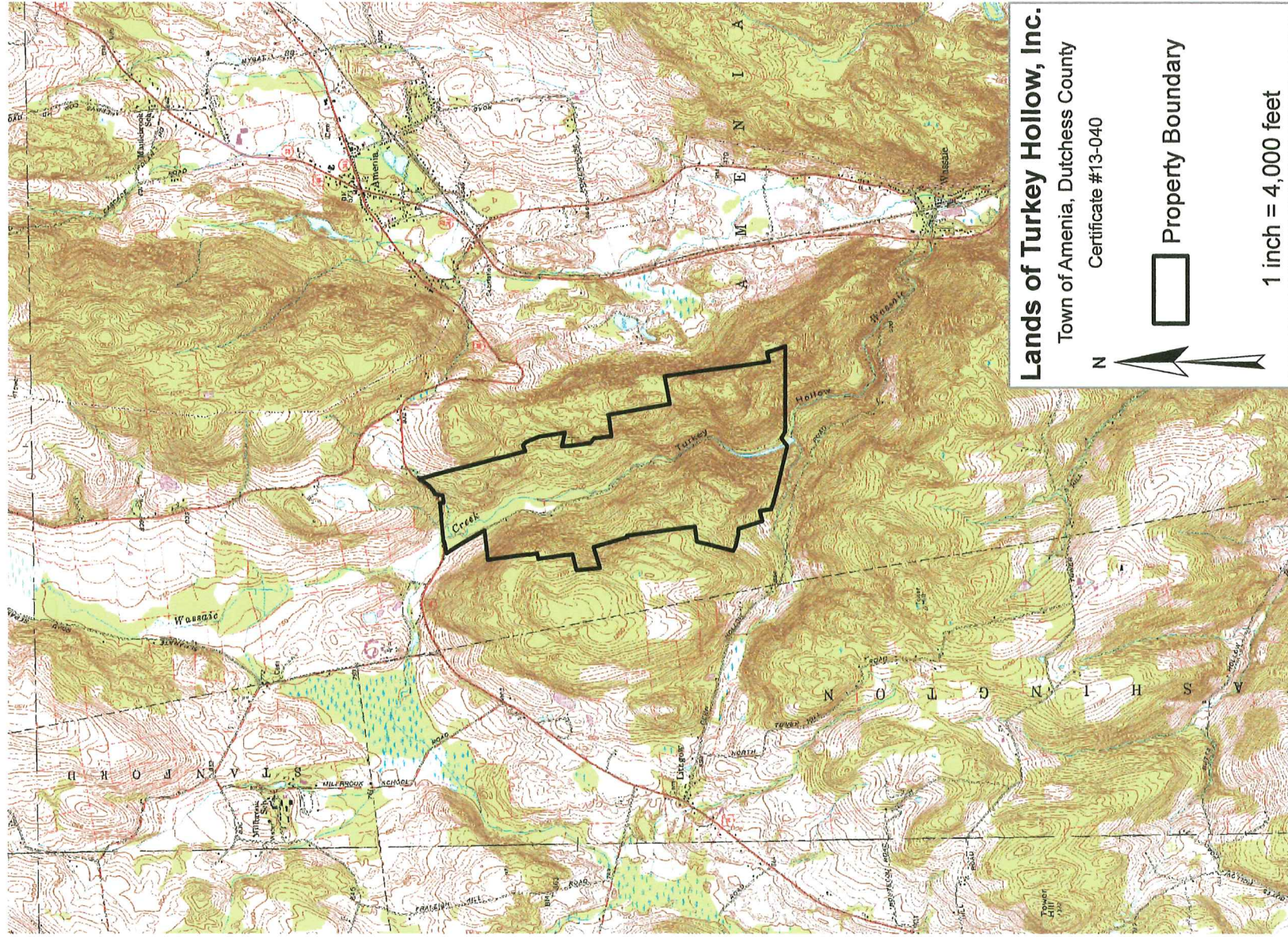
County	Town	Municipal Code	Roll Year	COMMITTED Acres	NON COMMITTED Acres	FULLY ASSESSED COMMITTED Acres	DATE ENDING
DUTCHESS	AMENIA	132000	2011	770.00	30.94	0.00	
Tax Map Number	Roll ID	Deed Liber. Page	Total Acres:	Committed Acres:	F.A.C. Acres	Date Ending F.A.C.	
7066-00-345640	22010	2729	800.94	770	0		
TOTALS	770.00 Committed Acres	30.94 Non-Committed Acres	0.00 F.A.C. Acres	800.94 Total Acres			

This is to certify that pursuant to Section 480-a of the Real Property Tax Law of the State of New York, the eligible tract described above has been accepted for certification by the Department of Environmental Conservation conditioned upon compliance with the work schedule below.


- 2024 To 2025 Commercial Harvest of 186 Acres in Stand(s) 6,9,13,14,15;
- 2025 To 2026 No Treatments Necessary
- 2026 To 2027 Five-Year Update of Management Plan as required Re-mark Property & Committed Acreage Boundary Lines as Necessary.
- 2027 To 2028 No Treatments Necessary
- 2028 To 2029 No Treatments Necessary
- 2029 To 2030 No Treatments Necessary
- 2030 To 2031 No Treatments Necessary
- 2031 To 2032 Five-Year Update of Management Plan as required Re-mark Property & Committed Acreage Boundary Lines as Necessary.
- 2032 To 2033 No Treatments Necessary
- 2033 To 2034 No Treatments Necessary
- 2034 To 2035 No Treatments Necessary
- 2035 To 2036 No Treatments Necessary
- 2036 To 2037 Five-Year Update of Management Plan as required Re-mark Property & Committed Acreage Boundary Lines as Necessary.
- 2037 To 2038 No Treatments Necessary
- 2038 To 2039 No Treatments Necessary


Mark J. Carlin

ACCEPTED BY REGIONAL FORESTER: Mark J. Carlin 14-Nov-23
 REGION 3 21 SOUTH PUTT CORNERS ROAD, NEW PALTZ, NY 12561 DATE



Lands of Turkey Hollow, Inc.
Town of Amenia, Dutchess County
Certificate #13-040

N 

 Property Boundary

1 inch = 4,000 feet

Lands of Turkey Hollow, Inc.

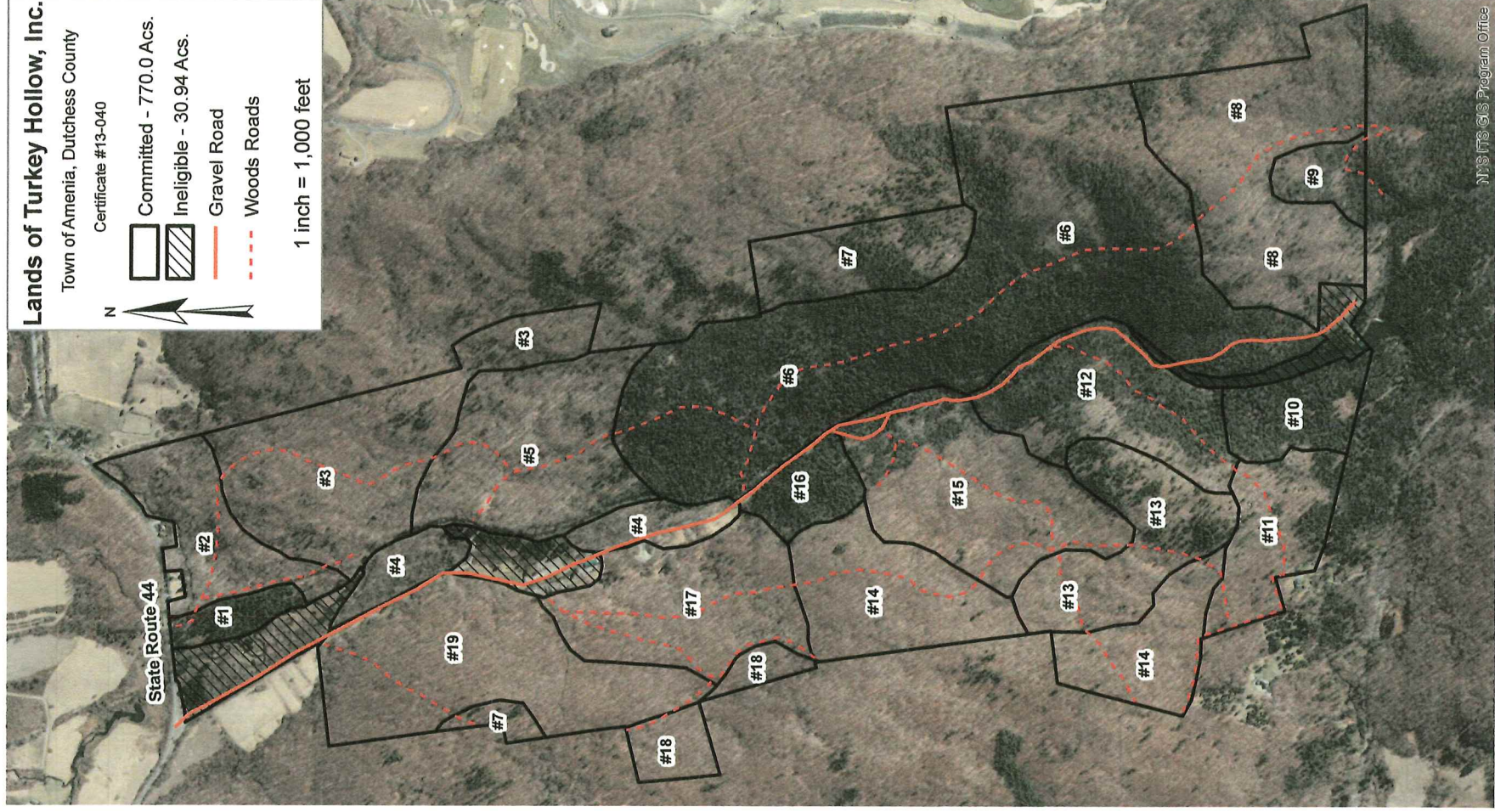
Town of Amenia, Dutchess County

Certificate #13-040



-  Committed - 770.0 Acs.
-  Ineligible - 30.94 Acs.
-  Gravel Road
-  Woods Roads

1 inch = 1,000 feet



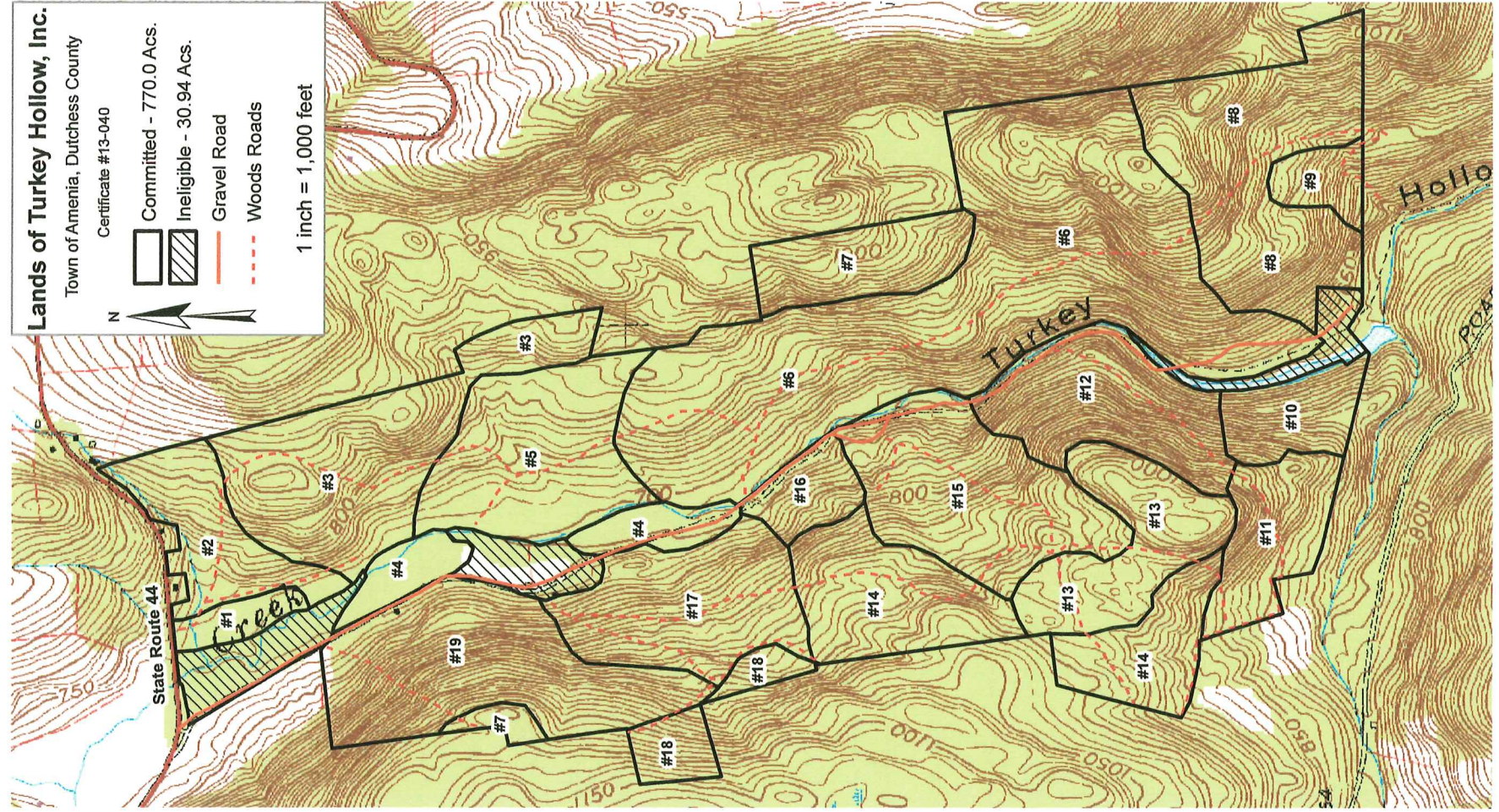
Lands of Turkey Hollow, Inc.

Town of Amenia, Dutchess County

Certificate #13-040

-  Committed - 770.0 Ac.
-  Ineligible - 30.94 Ac.
-  Gravel Road
-  Woods Roads

1 inch = 1,000 feet



STAND 13: Upland oak

Last sampling conducted 2011

General Stand Statistics

*TPA	**QMSD	Average ***BA
162	9.8	93 sqft/ac

*Trees Per Acre

**Quadratic Mean Stand Diameter

***Basal Area (sqft/acre)

Percent Basal Area of Major Species

SPECIES	STAND TOTAL
Chestnut oak	86%

This stand is situated in the southwestern corner of the property on fairly flat terrain with on a large, broad ridgetop. Soils are rocky, shallow and excessively drained. The overstory is dominated by fair quality large poletimber chestnut oak with a minor component of red oak, white oak and black oak. The midstory consists of sapling and poletimber red maple and mixed oak species. The understory consists of a heavy layer of lowbush blueberry. The field visit noted that most of the trees had numerous gypsy moth egg masses on them. This may lead to issues in the spring and summer of 2022 and should be monitored. Past management consisted of a storm salvage 2000 and portions of the stand were commercially harvested in 2003.

The current level of stocking is 80% of what would be considered overstocked for a mixed oak stand. This level of stocking is considered optimal for individual tree growth and development. Due to the current level of stocking, no treatments are recommended.

TREATMENT: No treatment.

STAND 14: Mixed oak

Last sampling conducted 2011

General Stand Statistics

*TPA	**QMSD	Average ***BA
125	10.6	80 sqft/ac

*Trees Per Acre

**Quadratic Mean Stand Diameter

***Basal Area (sqft/acre)

Percent Basal Area of Major Species

SPECIES	STAND TOTAL
Red oak	43%
Red maple	21%
White oak	8%
Black oak	8%

This stand is situated in the southwestern corner of the property on flat terrain with gentle slopes. Soils are rocky and somewhat excessively drained. The overstory is dominated by good quality large poletimber to small sawtimber red oak, red maple, white oak and black oak with a minor component of black birch, aspen and chestnut oak. The midstory consists of sapling and poletimber red maple and mixed oak species. The understorey consists of a heavy layer of lowbush blueberry. As found in the adjacent stands, there was numerous gypsy moth egg masses found on most trees. Past management consisted of a storm salvage in 2000 and a commercial harvest of mature sawtimber in 2003.

The current level of stocking is 69% of what would be considered overstocked for a mixed hardwood stand. This level of stocking is considered optimal for individual tree growth and development. Due to the current level of stocking, no treatments are recommended.

TREATMENT: No treatment.

STAND 15: Mixed hardwoods

Last sampling conducted 2011

General Stand Statistics

*TPA	**QMSD	Average ***BA
136	9.5	75 sqft/ac

*Trees Per Acre

**Quadratic Mean Stand Diameter

***Basal Area (sqft/acre)

Percent Basal Area of Major Species

SPECIES	STAND TOTAL
Red oak	44%
Red maple	19%
Aspen	11%

This stand is situated in the central portion of the property on rolling terrain with gentle to moderate slopes. Soils are rocky and well drained. The overstory is dominated by good quality large poletimber to small sawtimber red oak, red maple and aspen with a minor component of sugar maple, black birch, white oak and black oak. There is nice medium to large sawtimber scattered throughout the stand. The midstory consists of sapling and poletimber red maple, witch hazel and hornbeam (non-commercial species). The understorey consists of lowbush blueberry, hornbeam regeneration and ferns. Past management consisted of a commercial harvest in 1982, timber stand improvement in 1984 and a commercial harvest of mature sawtimber in 2004.

The current level of stocking is 64% of what would be considered overstocked for a mixed hardwood stand. This level of stocking is considered optimal for individual tree growth and development. Due to the current level of stocking, no treatments are recommended.

TREATMENT: No treatment.

STAND 9: Hemlock- hardwoods

Last sampling conducted 2011

General Stand Statistics

*TPA	**QMSD	Average ***BA
262	11.6	187 sqft/ac

*Trees Per Acre

**Quadratic Mean Stand Diameter

***Basal Area (sqft/acre)

Percent Basal Area of Major Species

SPECIES	STAND TOTAL
Hemlock	64%
Chestnut oak	14%

This stand is situated in the far southern portion of the property on undulating terrain with moderate slopes. Soils are well drained and rocky. The overstory is dominated by fair quality small sawtimber hemlock and chestnut oak with a minor component of red oak, white oak, red maple and black birch. The midstory is sparse with only some scattered red maple and sugar maple saplings. The understorey is open with some stiltgrass along the woods road. Past management consisted of a storm salvage in 1997 and 2000 and a commercial harvest of mature sawtimber in 1983.

The current level of stocking is 100% of what would be considered overstocked for a hemlock-hardwood stand. This level of stocking is at a point where growth rates are slowing and mortality rates are increasing. Reducing the overall stocking would promote better growth in the hardwood species and would reduce the amount of hemlock that would be susceptible to HWA.

TREATMENT: Cull removal and commercial harvest 2022-2024

STAND 6: Hemlock-hardwoods (Combined old Stands #6 and #7)

Last sampling conducted 2011

General Stand Statistics

*TPA	**QMSD	Average ***BA
141	13.0	141 sqft/ac

*Trees Per Acre

**Quadratic Mean Stand Diameter

***Basal Area (sqft/acre)

Percent Basal Area of Major Species

SPECIES	STAND TOTAL
Hemlock	55%
Chestnut oak	8%
Red oak	8%
Red maple	8%

This stand is situated in the eastern-central portion of the property on rolling terrain with moderate to steep slopes. Soils are rocky and tend to be excessively drained. The overstory is dominated by good quality small to medium sawtimber hemlock with a minor component of red oak, chestnut oak, red maple and black oak. Hemlock at the time of the field visit were showing some minor to moderate levels of HWA. The midstory consists of sapling and poletimber red maple, sugar maple and hornbeam (non-commercial species). The understory is very open and park-like, likely due to low light levels from overstory shading and high deer pressure. Past management consisted of a timber stand improvement in 1986 and storm salvage in 1997 and 2000.

The current level of stocking is 85% of what would be considered overstocked for a hemlock-hardwood stand. This level of stocking is reaching a point where growth rates are slowing and mortality rates are increasing. Reducing the overall stocking would promote better growth in the hardwood species and would reduce the amount of hemlock that would be susceptible to HWA.






TREATMENT: Commercial harvest, cull removal 2022-2024

Lands of Turkey Hollow, Inc.

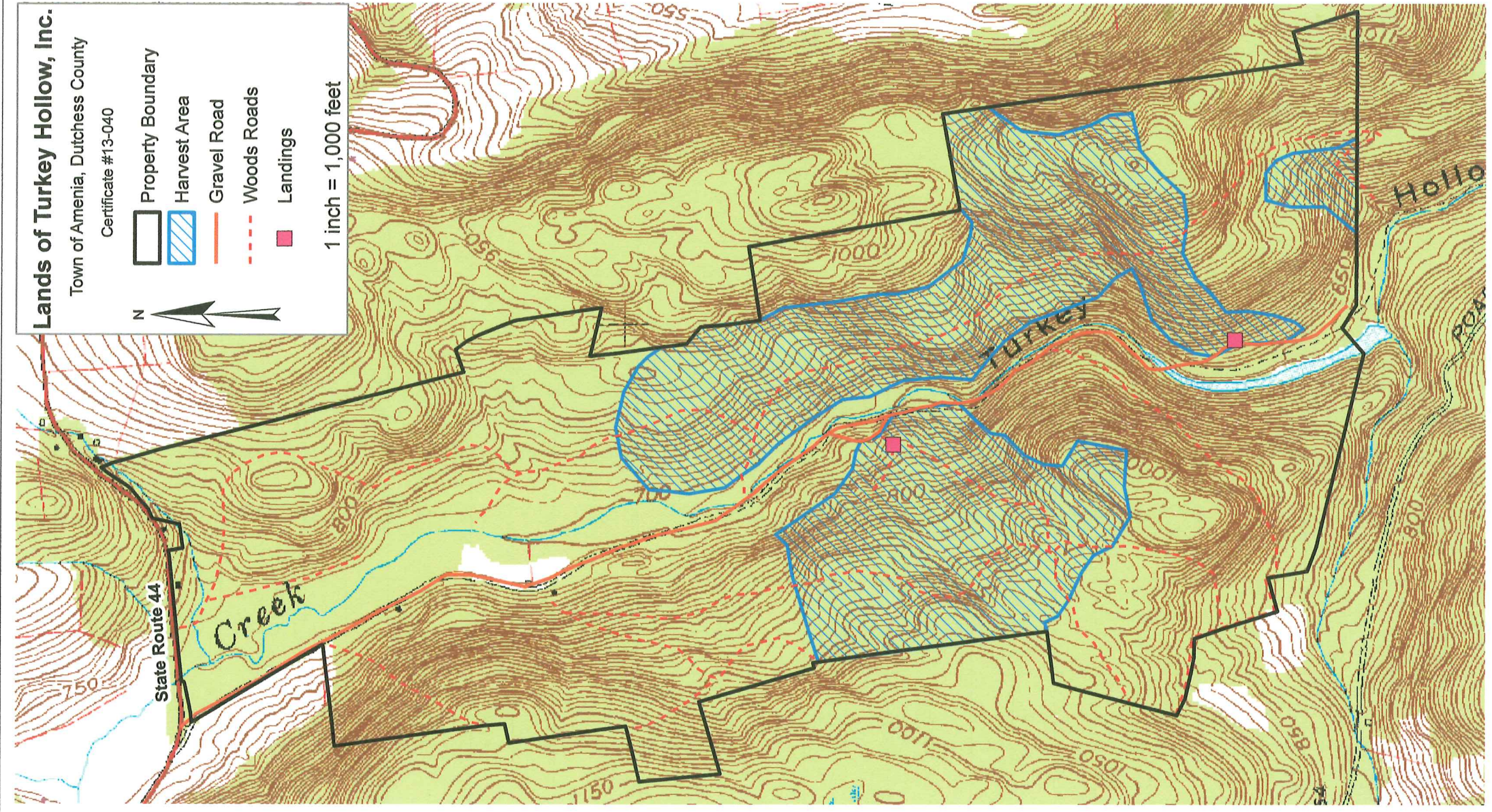
Town of Amenia, Dutchess County

Certificate #13-040



-  Property Boundary
-  Harvest Area
-  Gravel Road
-  Woods Roads
-  Landings

1 inch = 1,000 feet








Lands of Turkey Hollow, Inc.

Town of Amenia, Dutchess County

Certificate #13-040



-  Property Boundary
-  Harvest Area
-  Gravel Road
-  Woods Roads
-  Landings

1 inch = 1,000 feet

