



Timber Harvest Plan

123 Quaker Rd.; Suite 107 Queensbury, NY 12804 (518) 793-4481

Tract: COLTON_PIERCEFIELD Ownership: LAT I

Taxation	NCC Name	Application #	Acres
480A	Mink Brook Loop Road	40-81	679.92

Harvest Plan:	Mink Brook Loop Road
Contract #:	Unknown
Contractor:	Unknown
Forester:	Schofield, Susan
Start Date:	Fall 2026
End Date:	Winter 2028
Harvest Season:	Fall, Spring, Summer
Total Acres in Harvest Plan	679.92

County	Town	Parcel Name	Tax Parcel	School District	Total
St Lawrence	COLTON	Colton	194.000-1-16	Tupper Lake	679.92

Road (s) Used For This Harvest:

Mink Brook Road

Road Work Needed:

Lyme's road crew shaped the road up in the Summer of 2025. The road may need a touch up here and there, with raking and adding material where needed.

Landing Work Needed:

This harvest is planned for a clean chip operation. Existing flat old landings will be used. Stone may be added to chipper pad area if needed.

Stream Crossings:

The stand has several intermittent streams. Intermittent streams will be crossed at designated locations to accommodate the limited number of landings that can be used by the chipper. Culverts, skid bridges and corduroy will be used appropriately at stream crossings following BMPs. There are no classified stream crossings.

Skidding Distance:

Skidding distance will vary depending on the landing location. Ideally, skidding distance will be roughly 0.5 mile, but some skidding maybe up to 1 mile.

Trucking Woods Miles:

Using the entrance on the south side of Route 3 and West of Seveys Point, across from the DOT lot, the main road system is 6.9 miles. Depending on landing setups, roughly 3.5 miles of the road system will be utilized at a particular time.

Identification of Timber to be Harvested:

Seed Trees will be marked to leave. Desirable pockets of advanced regeneration will be left at the discretion of the buncher operator.

Cut Boundaries Identified By:

All hard stop harvest boundaries will be flagged in pink or orange, leaving the appropriate buffers on wetlands, streams and property lines. Intermittent streams and minor wet runs/ wet areas will be flagged in blue. Old patch cuts, landings, and road edges will not be flagged.

Volume Determined By:

10 BAF prism timber cruise

Permits Needed:

An APA permit is desired to most effectively change the health and vigor of the stand, however, we could do things different and avoid the permit system if we so choose.

Other:

The harvest is not within ¼ mile of a hibernacula and there are no known roost trees. If bats are seen moving from tree to tree, operations will cease, and DEC will be contacted. Snags and cavity trees will be left whenever possible.

Presence of LAFCO Riparian Management Zones

<i>Type of RMZ</i>	<i>Feature</i>	<i>Acres</i>
Managed RMZ	1st and 2nd Order Streams	4.48
Managed RMZ	Wetlands, Ponds, and Vernal Pools Greater than 10 acres	2.09
Managed RMZ	Wetlands, Ponds, and Vernal Pools Less than 10 acres	5.24
n/a	N/A	668.11

NY State Natural Heritage Program

Presence of NHP Species within 1/4 mile:	No NHP species present
NHP Species Name:	n/a

Presence of NHP Natural Community within 1/4 mile:	NHP community present
NHP Natural Community Name:	Sedge Meadow , Unconfined River , Shrub Swamp

Notes: Harvesting will not impact the Natural Communities present. Mink Brook and Jocks Pond Outlet flow into Grass River Flow.

New York Natural Heritage Program, New York State Department of Environmental Conservation. Sept, 2024. Biodiversity Databases, Element Occurrence Record Digital Data Set. Albany, New York.
Warning: The information reported here only contains features present in our Geodatabase and within 1/4 mile from the harvest area. It does not necessarily represent every NHP Occurrence present on the landscape.

Soil Type Chart (where digital soil data available)

<i>Drainage Class</i>	<i>Soil Name</i>	<i>Acres</i>
Unclassified	Unclassified	27.9
Excessively drained	Colton-Duxbury-Adams complex, 15 to 35 percent slopes	10.37
Excessively drained	Colton-Duxbury-Dawson complex, 0 to 15 percent slopes	5.46
Moderately well drained	Crary-Potsdam complex, 3 to 15 percent slopes, very bouldery	51.1
Poorly drained	Naumburg-Croghan complex	15.99
Somewhat poorly drained	Adirondack-Tughill-Lyme complex, 0 to 8 percent slopes, very bouldery	36.32
Well drained	Berkshire-Lyme complex, rolling, very bouldery	53.78
Well drained	Potsdam very fine sandy loam, 3 to 15 percent slopes, very bouldery	181.35
Well drained	Potsdam-Tunbridge complex, 15 to 35 percent slopes, very bouldery	180.4
Well drained	Potsdam-Tunbridge-Crary complex, 3 to 15 percent slopes, very bouldery	117.24

Viewshed Restrictions

n/a	679.92
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Leasing Information

<i>Lease Type</i>	<i>Lease Number</i>	<i>Account Name</i>	<i>Acres</i>
POSTING LEASE	NY-2345-HF	Mink Brook Club	679.92

Block: Clearcutting with Reserves
Acres: 8.11

Preharvest Description:

This stand has no harvest history in the last 20 years. Using a 10 basal area factor prism, a cruise was conducted across the stand. The overstory (6+ inches at DBH) is composed of balsam fir (57%), black cherry (36%) and red maple (7%) The overstory stems average 10 inches at DBH. The cruise did not pick up any understory stems. The overstory is 100% UGS or 140 square feet of basal area. Balsam fir, regardless of the size, is not a desirable species. Balsam fir tends to be rotten and therefore is vulnerable during windstorms. The black cherry and red maple exhibit poor form and health. The terrain is flat.

Harvest Prescription:

Reserve trees will be marked to leave. The harvest will remove all other merchantable and non-merchantable stems. It will be important to get the skidders to scarify the soil during the harvest to create a favorable seed bed for desirable regeneration to occur.

Special Management Considerations:

Special care will be taken during the layout process and harvesting along the APA wetlands and riparian zones.

Block: Seed Tree Establishment Cut

Acres: 671.81

Preharvest Description:

Most of this stand was treated in 2010 with a salvage harvest. The area had been affected by acid rain and the 1998 ice storm, leaving an overstory of damaged crowns and maple dieback. The understory that was released during the salvage operation included a large percentage of beech and ice damaged saplings of various species.

Using a 10 basal area factor prism, a cruise was conducted across the stand.

The overstory (6+ inches at DBH) is composed of beech (37%), yellow birch (32%), hard maple (14%), black cherry (7.5%), red maple (5%), balsam fir (2%), red spruce (1.5%), and white ash (1%). The overstory stems average 9.68 inches at DBH.

The understory (<6 inches at DBH) is composed of beech (38.5%), yellow birch (34%), black cherry (13.5%), red maple (7%), hard maple (3.5%), and balsam fir (3.5%). The advanced understory averages 3.75 inches at DBH.

The overstory and understory exhibit poor health and form including beech bark disease, dieback, butt scar damage, seams, defects, epicormic branching, etc.

Overstory AGS is 20.5% or 14 square feet of basal area.

Overstory UGS is 79.5% or 54 square feet of basal area.

Understory AGS is 23% or 5 square feet of basal area.

Understory UGS is 77% or 17 square feet of basal area.

The terrain is flat to rolling hills with some small areas of ledge rock.

Harvest Prescription:

Seed Trees will be marked to leave. The harvest will focus on leaving 10-15 square feet of basal area of healthy and desirable growing stock in the overstory of mostly yellow birch, but some hard maple, black cherry, red maple, red spruce, and white ash across the treatment area. All other stems over 6" at DBH will be harvested. Desirable pockets of advanced regeneration will be left in the understory. All other pockets of advanced regeneration will be harvested. It will be important to get the skidders to scarify the soil during the harvest to create a favorable seed bed for desirable regeneration to occur.

Special Management Considerations:

Special care will be taken during the layout process and harvesting along the property line, streams, APA wetlands, and riparian zones.

System	Stratum	Acres
Clearcutting with Reserves	LC23D	0.14
Clearcutting with Reserves	RD	0.06
Clearcutting with Reserves	SF/TH13D	0.34
Clearcutting with Reserves	SF/TH24C	0.12
Clearcutting with Reserves	SIH44B	7.46
Seed Tree Establishment Cut	BG	0.0
Seed Tree Establishment Cut	BP	0.39
Seed Tree Establishment Cut	HMRMBE24C	46.51
Seed Tree Establishment Cut	RD	3.16
Seed Tree Establishment Cut	RMBEHM34C	5.68
Seed Tree Establishment Cut	S23D	2.88
Seed Tree Establishment Cut	SF/TH23D	3.14
Seed Tree Establishment Cut	SF/TH24C	12.75
Seed Tree Establishment Cut	SF13D	4.53
Seed Tree Establishment Cut	SFTH24C	17.38
Seed Tree Establishment Cut	SFWP23D	0.66
Seed Tree Establishment Cut	SIH44B	2.38
Seed Tree Establishment Cut	TH/SF24C	2.67
Seed Tree Establishment Cut	TH12D	0.28
Seed Tree Establishment Cut	TH13D	557.64
Seed Tree Establishment Cut	TH34C	4.13
Seed Tree Establishment Cut	TH44B	2.02
Seed Tree Establishment Cut	THSF44B	4.71
Seed Tree Establishment Cut	WP24C	0.4
Seed Tree Establishment Cut	YD	0.5