

**Timber Harvest Plan**  
**Lyme Adirondack Forest Company**

Tract: **PERKINS CLEARING**      Ownership: **LAT 2**

Harvest Plan: Mud Lake OSR

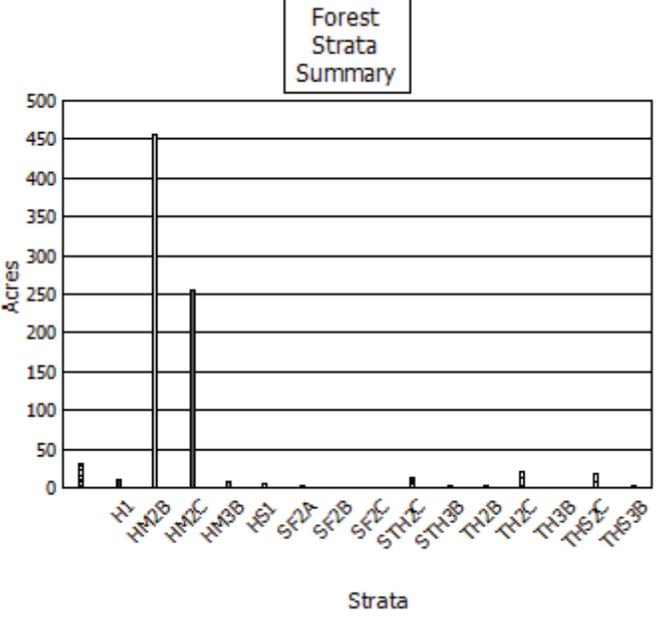
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Forester: Stoddard, Nick

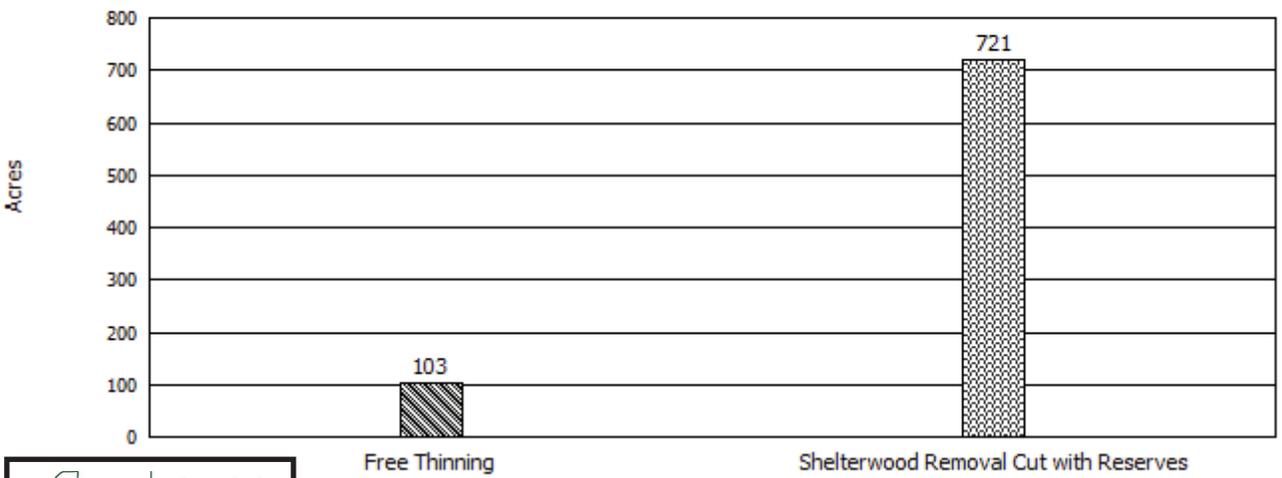
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Harvest Season: Summer

Town	Tax Parcel #	Acres
LAKE PLEASANT	104.000-1-1.100	<b>824.32</b>
	<b>Total</b>	824.32
<b>Total</b>		<b>824.32</b>



**Silviculture Summary**




**Adirondack Park Agency**

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**FINAL**  
**P2022-0163**

Block:

**Free Thinning**

**102.97 Acres**

Pre-Harvest Description:

The overstory basal area on these acres is 110 ft<sup>2</sup>/acre and is made up of sugar maple, white ash, beech, yellow birch, red maple and red spruce.

The terrain is flat to gently sloping hillside.

Harvest Prescription:

With a high percentage of healthy growing stock available, a free thinning will be applied to focus growth on future crop trees. Mature and undesirable stems will be removed leaving 70 ft<sup>2</sup>/acre of vigorously growing crop trees.

Special Management Considerations:

Snag, cavity and den trees will be protected as much as possible.

Stand Type Chart

	Acres
HMIHRM24B	50.6
HMIHSF23C	44.1
HMIHSF24C	1.3
HMYBRM24B	0.0
HMYBRM24C	0.0
HMYBTH24B	0.8
R3	0.3
SFTHBC33B	1.4
TH/BC34B	0.8
TH12C	2.7
THBC24C	0.4
YD	0.5
<b>Total Acres</b>	103.0

Block:

**Shelterwood Removal Cut with Reserves**

**721.35 Acres**

Pre-Harvest Description:

Current overstory basal area is 58 ft<sup>2</sup>/ac (sugar maple 21%, white ash 19%, yellow birch 16%, red maple 16%, beech 14%, red spruce 8%, black cherry 5%, basswood/iron wood 1%). 66% of the overstory is acceptable growing stock while 33% is unacceptable growing stock, displaying poor form, canker, disease, broken tops, etc.

The understory stems 1"-4" dbh consist of 1600 stems/acre (beech 56%, yellow birch 16%, striped maple 9%, sugar maple 7%, white ash 6%, red spruce 6%). Understory seedlings <1" dbh consist of 8000 stems/acre (sugar maple 28%, red maple 22%, beech 15%, 13% yellow birch, striped maple 10%, red spruce 4%, white ash 3%, balsam fir 3%, the remaining 2% is made up of elm, black cherry and ironwood).

Harvest Prescription:

With a mature overstory and well established understory, an overstory removal with reserves will be prescribed to release a young age class of healthy, desirable species. Reserves will be selected from yellow birch, sugar maple, white ash, red spruce, red maple and black cherry stems to provide seed source into the future.

The terrain is flat to a gently sloping hillside.

Special Management Considerations:

Snag, cavity and den trees will be protected as much as possible.

Stand Type Chart

	Acres
AL	0.6
BG	0.1
BP	0.6
CL	0.3
HMAWTH23B	2.1
HMAWYB24B	79.9
HMIHRM24B	173.2
HMIHRM24C	6.5
HMIHS24B	2.3
HMIHSF23C	11.7
HMIHSF24C	127.8
HMTH24C	0.7
HMTH34B	8.2
HMTHS11D	7.5
HMTS24B	0.2
HMYBRM24B	123.1
HMYBRM24C	62.3

	<b>Acres</b>
HMYBTH24B	23.4
R3	19.9
RSBF23B	0.3
SF23C	2.9
SFLC23A	1.7
SFTHYB24C	9.0
TH/BC24C	9.0
TH/BC34B	0.1
TH12A	1.4
TH23A	3.8
TH24C	11.0
THBCYB24B	2.9
THS12A	2.5
THSF23C	18.5
THSF34B	0.1
THSFBC34B	2.6
WA	0.3
YD	4.8
<b>Total Acres</b>	721.3

**Road (s) Used For This Harvest:**

Perkins Clearing Road and Mud Lake Road

**Road Work Needed:**

General Maintenance

**Landing Work Needed:**

Minimal prep work needed

**Stream Crossings:**

There will be no classified crossings requiring a permit. Multiple temporary stream crossings will be installed using steel skid bridges and/or pipes.

**Skidding Distance:**

Up to 3/4 mile

**Trucking Woods Miles:**

7 miles

**Identification of Timber to be Harvested:**

OSR w/reserves written prescription  
Free Thinning blue paint to cut

**Cut Boundaries Identified By:**

Harvest boundaries will be marked with orange flagging

**Volume Determined By:**

BAF 10 factor prism cruise, milacre plots for the regeneration

**Permits Needed:**

APA clearcut permit

**Other:**

Leave as many snag, den and cavity trees as possible.

**NY State Natural Heritage Program**

Presence of NHP Species within 1/4 mile:

**No Mapped NHP Species Present**

NHP Species Name:

Presence of NHP Natural Community within 1/4 mile:

NHP Natural Community Name:

Notes: NHP natural community – Beech\_Maple Mesic Forest

New York Natural Heritage Program, New York State Department of Environmental Conservation. July, 2007. 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.