











**Good Neighbor Authority**  
**Wisconsin Department of Natural Resources**

Eagle River-Florence Ranger District  
 Chequamegon-Nicolet National Forest  
 Section 12, T38N R13E  
 Forest County, WI

**Lantern Timber Sale**  
**Tract Number: 8002-02-19**

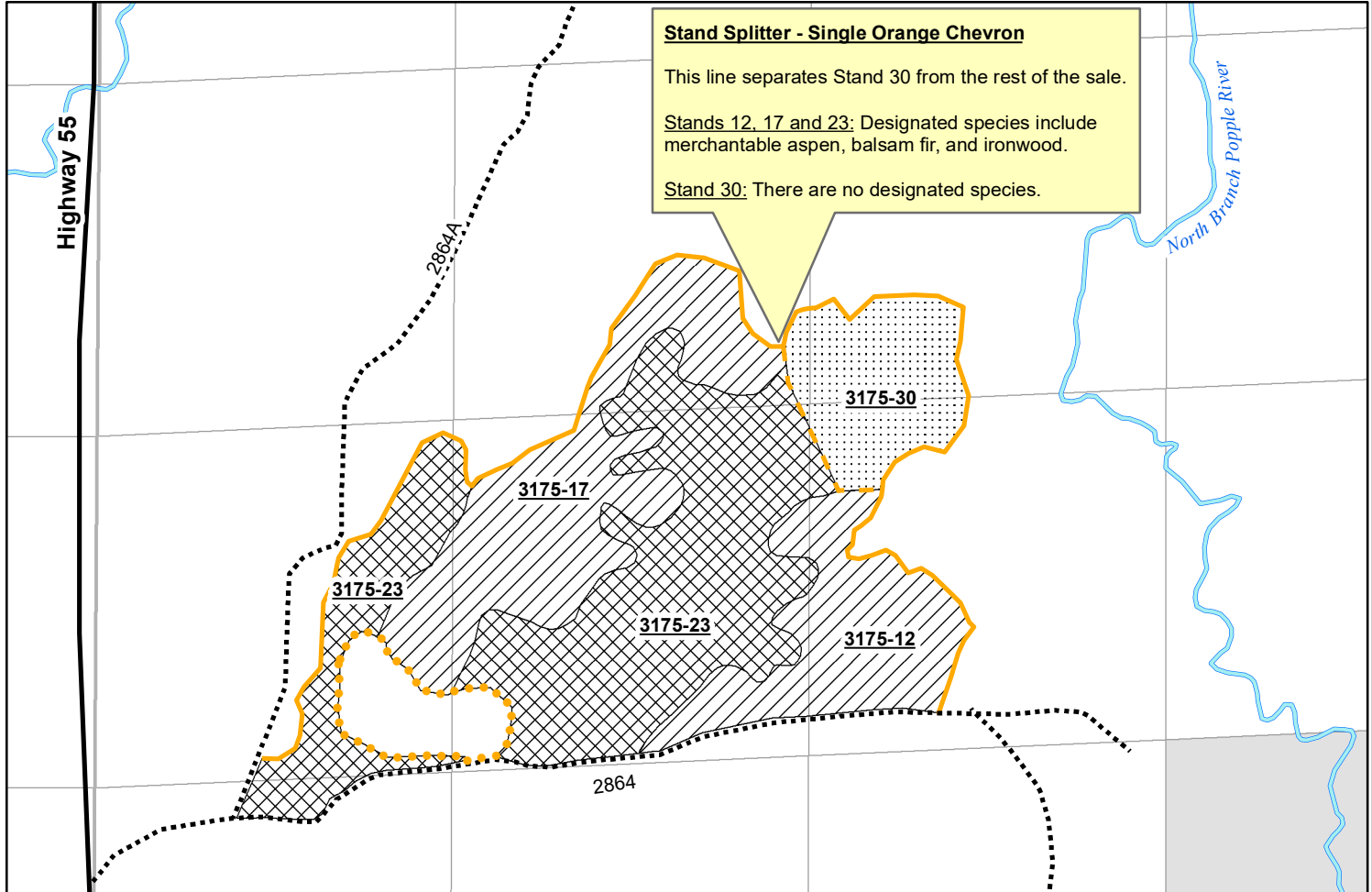
**71 Total Acres**

**Legend**

-  Northern Hardwood Selection/Improvement
-  Spruce-Fir Thinning
-  Sale Boundary - Double Orange Chevron
-  Stand Splitter - Single Orange Chevron
-  Equipment Exclusion - Triple Orange Dot
-  Other Ownership
-  Woods Road
-  Highway
-  River
-  Section Line
-  Section Corner

**DNR Contacts:**




Jason Headson – (715) 478-4574  
 Tyler Wood – (715) 889-3234  
 Mapped by: Hillary Keller 05/21/19



**Stand Splitter - Single Orange Chevron**  
 This line separates Stand 30 from the rest of the sale.  
 Stands 12, 17 and 23: Designated species include merchantable aspen, balsam fir, and ironwood.  
 Stand 30: There are no designated species.



**Cutting Prescription:**

-  **N. Hardwood Selection and Improvement (29 Acres):** Stands 3175-12, 3175-17
  - Designated: cut all merchantable aspen, balsam fir, and ironwood unless marked with a ring of ORANGE PAINT
  - Scattered gaps were created by marking all trees and stems >1" in diameter with BLUE PAINT within a determined area (approx. 25-60 feet across). All stems >1" in diameter marked with BLUE PAINT should be cut to create the gap.
-  **Spruce-Fir Thinning (32 Acres):** Stand 3175-23
  - Designated: cut all merchantable aspen, balsam fir, and ironwood unless marked with a ring of ORANGE PAINT
-  **Spruce-Fir Thinning (9 Acres):** Stand 3175-30
  - There are **NO** designated species in this stand.
  - Stand 30 is separated from other stands with splitter line (single orange chevron).

**General Sale Conditions:**

- All stands: harvest all trees marked with **Blue Paint**.
- Leave all standing snag and den trees that do not pose a safety hazard uncut.
- Damage to any residual trees will not be tolerated. Utilization will be to at least a 4 inch top.
- **Seasonal Restrictions: harvesting and site-disturbing activities may not occur from April 1 through October 1.**
- Harvesting will only occur during frozen ground conditions in Stands 17, 23, and 30. Harvesting may occur during either frozen ground OR dry fall conditions in Stand 12 at the discretion of the National Forest Liaison.
- Sale boundaries, reserve areas, and leave trees are marked with **Orange Paint**.
- Equipment must be cleaned and inspected by the DNR Sale Administrator before entering or leaving sale area.
- All slash shall be pulled 10 feet from the edge of all roads and trails and should be lopped and scattered to lie within 2 feet of the ground for 100 feet from the North Branch Popple River edge. All other slash shall be lopped and scattered to lie within 4 feet of the ground.





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**Lantern Sale - Prospectus**  
**Tract No.: 8002-02-19**

**Location:** Forest County, WI

38N	R13E	12	SWNE, SENW, NESW, SWSW, NWSW, NWSE
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**Estimated Volumes and Values**

Species	Cords
Mixed Hardwood <sup>1</sup>	300
Aspen	700
Balsam Fir	130
White Spruce <sup>2</sup>	90
<b>TOTALS</b>	<b>1220 Cords</b>

**Minimum Acceptable Bid: \$30,293.00**

All cordwood volume estimates were obtained using the "Sticks Plus Trees" volume estimating system, and sawlog volume estimates were obtained using "Scribner C". Plot data includes measuring individual tree diameter and # of 8 foot sticks per sample tree to calculate volumes.

<sup>1</sup> Mixed hardwood will be sold as mixed product containing approximately 291 cords of pulpwood, and 2 MBF of sawlogs. The MX pulpwood is approximately 41% sugar maple, 40% red maple, 12% white ash, 4% black cherry, 1% black ash, 1% white birch, and 1% ironwood. The mixed hardwood sawlogs contain approximately 59% white ash and 41% sugar maple.

The cordwood conversion rate for mixed hardwood will be 2.35 tons per cord.

<sup>2</sup> White spruce will be sold as mixed product which may contain small quantities of white spruce sawtimber, red pine pulp, and red pine sawtimber which were not captured in the cruise data but may be marked for harvest removal.

**Sale Conditions:**

- Mill Scale Sale
- No bid bond required
- A performance bond of 15% of the total sale bid value required
- The cutting area is approximately **71 acres**
- **The contract period is 3 years**
- **Harvesting will only occur during frozen ground conditions.**
- **Harvesting or other site-disturbing activities may not occur from April 1 through October 1**
- Sale bounded by **ORANGE** paint and established roads. See sale maps for specifics.
- Do not harvest trees, drop slash, or operate equipment across **ORANGE** paint line
- No cutting, skidding, or equipment entry in areas lined out with three vertical **ORANGE** dots
- Damage to any residual trees will not be tolerated
- Leave all standing snag and den trees that do not pose a safety hazard uncut
- Utilization will be to a 4" top

- **Cutting Prescriptions**

- Northern Hardwood Selection: 3175-12, 3175-17
  - Harvest all trees marked with **BLUE PAINT.**
  - **Cut all merchantable aspen, balsam fir, ironwood**
  - Scattered gaps were created by marking all trees and stems over 1 inch in diameter with BLUE PAINT within a determined area (approximately 25 to 60 feet across). All stems over 1 inch in diameter that are marked with BLUE PAINT should be cut to create the gap.
- Spruce-Fir Thinning: 3175-23
  - Harvest all trees marked with **BLUE PAINT.**
  - **Cut all merchantable aspen, balsam fir, ironwood UNLESS marked as retention trees with a ring of ORANGE PAINT.**
- Spruce-Fir Thinning: 3175-30
  - Harvest all trees marked with **BLUE PAINT.**
  - **There are no species designated for harvest in this stand.**
  - **This stand is separated from other stands in the sale with a splitter line (single orange chevron).**

**Special Conditions:**

- **NO SALE MAY BEGIN WITHOUT PRIOR NOTIFICATION AND AN ON-SITE MEETING WITH A WISCONSIN DNR SALE ADMINISTRATOR.**
- Purchaser required to post signs on USFS roads alerting recreationalists of thinning activities.
- Equipment must be cleaned and inspected by the DNR Sale Administrator before entering and leaving the sale area to prevent the introduction/spread of invasive species.
- Seasonal Restrictions:
  - **Harvesting will only occur during frozen ground conditions in Stands 17, 23, and 30. Harvesting may occur during either frozen ground OR dry fall conditions in Stand 12 at the discretion of the National Forest Liaison.**
  - **All Stands: harvesting or other site-disturbing activities may not occur from April 1 through October 1.**
- All slash shall be pulled 10 feet from the edge of all roads, trails, and riparian areas, **and shall be lopped and scattered to lie within 2 feet of the ground for 100 feet from the North Branch Popple River edge. All other slash should be lopped and scattered to lie within 4 feet of the ground.**
- Chequamegon-Nicolet Forest Plan requires that all native surfaced approaches to paved or graveled roads have 100 ft. of gravel, 6 in. deep, 12 ft. wide put down when used during non-frozen conditions.
- The location and clearing widths of all Temporary Roads shall be agreed to in writing before construction is started. "Temporary Roads" are roads other than Specified Roads that are constructed by Purchaser for the purpose of harvesting included timber.
- When two or more commercial users are simultaneously using the same road, the commercial users will develop maintenance responsibilities and arrangements for accomplishing the work. Seller must agree to this plan. If the commercial users cannot agree on maintenance responsibilities, seller shall resolve the differences.
- Temporary roads shall be closed at the end of the sale with berms. Berms must be constructed at locations designated by DNR Sale Administrator and shall be created using the following design features:
  - Berms must be at least four feet in height
  - Berms must be made with dirt mixed with rocks, stumps, logs, root-wads, or slash and shall be created without creating a defined trench.
  - **State WDNR will be responsible for closure of road, FR2864A when all GNA sale activity is completed in the area. This includes GNA sales Lantern, Snail, and Voyager.**

### Road Restrictions List

Road Number	Road Name	Termini		Map Legend	Description of Restrictions
		From	To		
2864		Highway 55	End of Use	R	I. Use only during surface firm or frozen conditions.
2864A		2864	End of Use	R	I. Use only during frozen ground conditions.

### Road Maintenance Requirements Summary

Purchaser shall maintain roads, commensurate with Purchaser's use. Roads must be left in as good or better condition than existed prior to harvest. Performance of road maintenance work by Purchaser may be required prior to, during, or after each period of use. The timing of work accomplishment shall be based on Purchaser's operating schedule and road conditions. Specific required road maintenance specifications are included below.

Purchaser shall maintain roads in accordance with the following Contract Road Maintenance Requirements Summary:

### Contract Road Maintenance Requirements Summary

Road	Termini		Miles	Timing: Pre-haul During Post haul	Applicable Road Maintenance Specifications									
	From	To			8110	8420								
2864	Highway 55	End of Use	0.67	During Post Haul	X									
2864A	2864	End of Use	0.23	Pre Haul During Post Haul	X									

Specification No.	Specification Title
T-8110	Maintenance Blading/Grading
T-8420	Cutting Roadway Vegetation

T-8110: Maintenance Blading/Grading is keeping an aggregate surfaced Roadbed in a condition to facilitate traffic and provide proper drainage. It includes maintaining the Crown, Inslope or Outslope of the Traveled Way, Turnouts, and Shoulder; repairing Berms; blending approach road intersections; and cleaning Drainage Dips and Lead-off Ditches.

T-8420: This work includes removal of brush, trees and other vegetative growth from within the clearing limits. This may include brush mowing of shoulders to prevent larger growth which would inhibit travel in the future.