











Good Neighbor Authority
Wisconsin Department of Natural Resources

Eagle River-Florence Ranger District
 Chequamegon-Nicolet National Forest
 Sections 1 & 12, T38N R13E
 Forest County, WI

Voyager Timber Sale
Tract Number: 8002-04-19

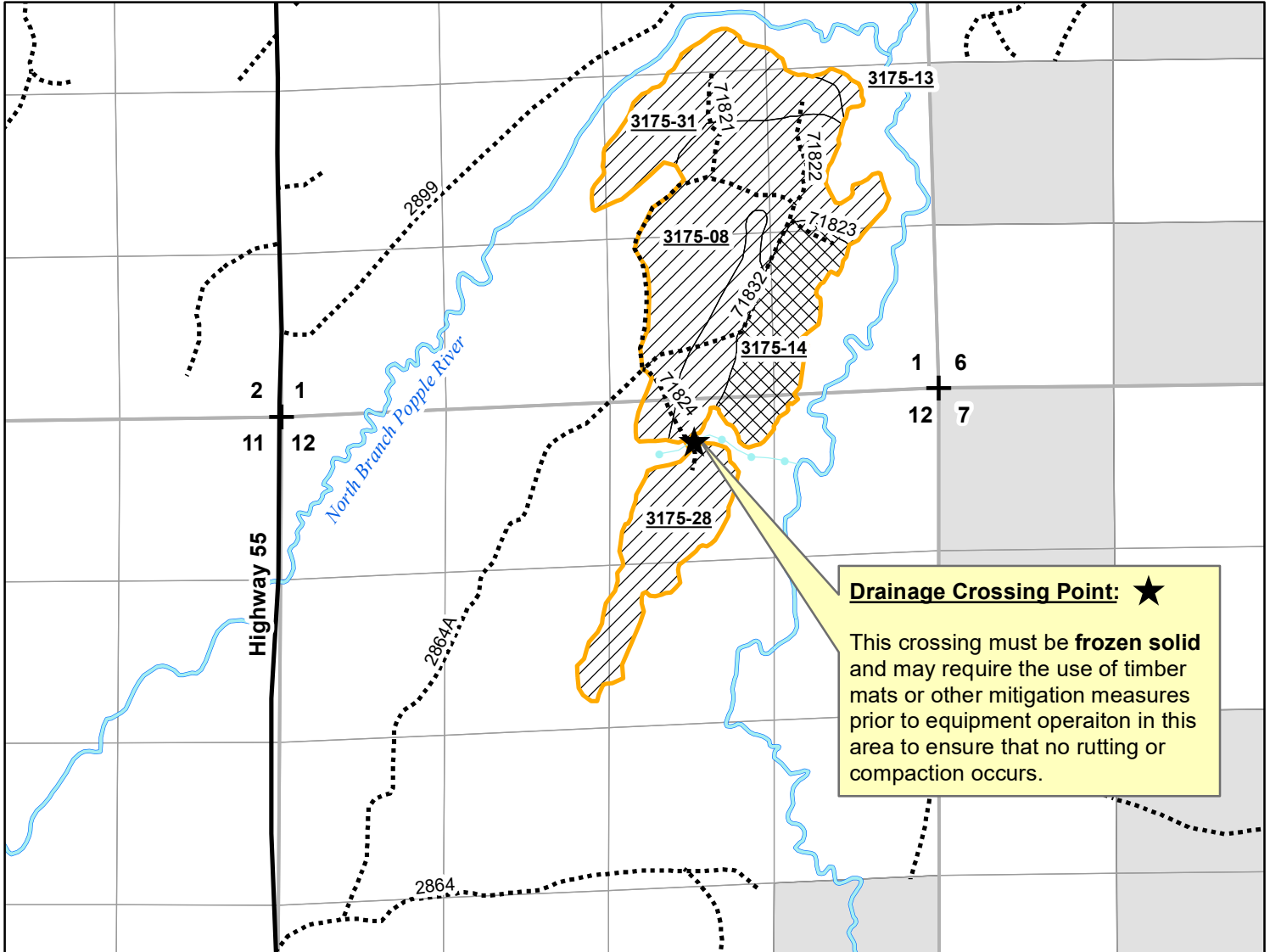
132 Total Acres

Legend

-  Northern Hardwood Selection/Improvement
-  Spruce-Fir Thinning
-  Orange Boundary Line
-  Other Ownership
-  Woods Road
-  Highway
-  River
-  Intermittent Stream
-  Section Line
-  Section Corner

DNR Contacts:



Jason Headson – (715) 478-4574
 Tyler Wood – (715) 889-3234
 Mapped by: Hillary Keller 05/20/19



Drainage Crossing Point: ★
 This crossing must be **frozen solid** and may require the use of timber mats or other mitigation measures prior to equipment operation in this area to ensure that no rutting or compaction occurs.



Cutting Prescription:

-  **N. Hardwood Selection and Improvement (112 Acres):** Stands 3175-08, 3175-13, 3175-28, 3175-31
-  **Spruce-Fir Thinning (21 Acres):** Stand 3175-14

- **Harvest all trees marked with Blue Paint.**
- **Cut all merchantable ironwood and aspen, unless they are marked with a ring of Orange Paint.**
- NH Stands: Scattered gaps were created by marking all trees and stems over 1 inch in diameter with BLUE PAINT within a specific area (approx. 25 to 60 feet across). All stems over 1 inch in diameter marked with BLUE PAINT shall be cut to create the gap.
- 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.

General Sale Conditions:

- **Seasonal Restrictions:** harvesting and site-disturbing activities may not occur from April 1 through October 1. Harvesting will **only occur under frozen ground conditions.**
- Sale boundaries, reserve areas, and leave trees are marked with **Orange Paint.**
- Do not harvest trees or operate equipment across **Orange Paint** lines.
- Equipment must be cleaned and inspected by the DNR Sale Administrator before entering or leaving sale area to prevent the introduction/spread of invasive species.
- 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 should be lopped and scattered to lie within 4 feet of the ground.





Good Neighbor Authority
Wisconsin Department of Natural Resources
 Eagle River/Florence Ranger District
 Chequamegon-Nicolet National Forest

Voyager Sale - Prospectus
Tract No.: 8002-04-19

Location: Forest County, WI

38N	R13E	1	SENE, SWNE, SE ¼, NWSW
38N	R13E	12	NENE, NWNE, SWNE, SENW

Estimated Volumes and Values

Species	Cords	MBF
Mixed Hardwood ¹	780	15
Sugar Maple		10
Aspen	290	
Spruce ²	65	
Balsam Fir	2	
TOTALS	1137 Cords	25 MBF

Minimum Acceptable Bid: \$25,507.10

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

¹ Mixed hardwood cordwood contains approximately 61% sugar maple, 26% red maple, 9% black cherry, 1% ash, 1% basswood, 1% birch, and 1% ironwood. Mixed hardwood sawlogs contain approximately 38% red maple, 31% ash, 19% black cherry, and 12% basswood.

The mixed hardwood cordwood conversion rate will be 2.5 tons per cord.

² Spruce contains approximately 1 MBF of sawlogs and will be sold as mixed product.

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 **132 acres**
- **The contract period is 3 years**
- **Harvesting will only occur during frozen ground conditions. The drainage that runs through Stand 28 may only be crossed at the designated crossing and when it is frozen solid. The crossing location is identified on the timber sale map.**
- **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
- 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 and Improvement: 3175-08, 3175-13, 3175-28, 3175-31
 - Harvest all trees marked with **BLUE PAINT**.
 - **Cut all merchantable aspen and ironwood unless marked with ORANGE PAINT**.
 - 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: 3175-14
 - Harvest all trees marked with **BLUE PAINT**.
 - Do NOT cut any reserve trees marked with a ring of **ORANGE PAINT**.
 - **Cut all merchantable aspen and ironwood unless they are marked with ORANGE PAINT**.

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 under frozen ground conditions. The drainage that runs through Stand 28 may only be crossed at the designated crossing and when it is frozen solid.**
 - **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 shall 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. That 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 conditions.
71821 71824		2864A	End of Use	R	I. Use only during frozen conditions.
71822 71823		71832	End of Use	R	I. Use only during frozen conditions.
71832		2864A	2864A	R	I. Use only during frozen 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	0.12	During Post Haul	X									
2864A	2864	End of Use	1.50	Pre Haul During Post Haul	X									
71821	2864A	End of Use	0.17	Pre Haul	X	X								
71822	71832	End of Use	0.17	Pre Haul	X	X								
71823	71832	End of Use	0.08	Pre Haul	X	X								
71824	2864A	End of Use	0.17	Pre Haul	X	X								
71832	2864A	2864A	0.38	Pre Haul	X	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.