



**ROSCOMMON FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 66 ENTRY YEAR: 2011

Compartment Acreage: 1100

County: Roscommon

Revision Date: 7-21-2009

Stand Examiner: Jason Lewicki

Legal Description: T23N R03W Sections 13, 14 & 15

RMU (if applicable):N/A

Management Goals: To maintain species and structural diversity while managing the ecosystem for health, productivity, sustainability and recreation within the compartment.

Soil and Topography: Upland soils consist primarily of Graycalm and Klacking sands.

Ownership Patterns, Development, and Land Use in and Around the Compartment: State land is intermixed with private ownership. Heavy travel corridor due to M-18.

Unique, Natural Features: The Cut River flows through this compartment.

Archeological, Historical, and Cultural Features: None known.

Special Management Designations or Considerations: None known

Watershed and Fisheries Considerations: The Cut River flows through this compartment. Care must be taken when performing any management activities to protect and leave vegetative buffers and prevent any soil erosion into the river.

Wildlife Habitat Considerations: Provide and maintain habitat for a variety of game and non game species.

Mineral Resource and Development Concerns and/or Restrictions: Sections 13 - 15, T23N-R3W, Roscommon County.

Surface sediments consist of ice-contact and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 400 and 600 feet. Beneath the glacial drift is the Mississippian Michigan Formation. The Michigan is quarried for gypsum elsewhere in the State. Most of the good gravel pits are associated with upland areas. Nine Mile pit is located less than one mile to the east, and there is potential in Section 13. St Helen Field is located seven miles to the northeast. The field has produced over 8.7 million BO and 14.7 Bcf gas from the Devonian Richfield Formation and is in secondary recovery operations currently. There are no oil and gas leases in the Compartment currently, but the area to the northeast of this Compartment has been nominated for Nonmetallic Potash leasing.

Vehicle Access: Vehicle access is very good throughout the east side of the compartment while areas west of section 13 are landlocked by private property.

Survey Needs: None

Recreational Facilities and Opportunities: Good vehicle access provides excellent hunting opportunities. .

Fire Protection: Mostly hardwood and lowland cover types.

Additional Compartment Information:

- **The following 5 reports from the Operations Inventory System (OIPC) are attached:**
 - ◆ **Cover Type by Age Class**
 - ◆ **Cover Type by Management Objective**
 - ◆ **Compartment Volume Summary**
 - ◆ **Proposed Treatments – No Limiting Factors**
 - ◆ **Proposed Treatments – With Limiting Factors**

- **The following information is displayed, where pertinent, on the attached compartment maps:**
 - ◆ **Base feature information, stand numbers, cover types**
 - ◆ **Proposed treatments**
 - ◆ **Proposed road access system**
 - ◆ **Suggested potential old growth**

Cover Type & Treatment Map

Compartment 66
 T23N, R03W, Sec. 13, 14, 15
 County: Roscommon
 Unit: Roscommon
 YOE: 2011
 Acres: 1,100 GIS Calculated
 Stand Examiner: Jason Lewicki
 Map Revised: 8/28/2009
 Map Phase: Pre-Review

Stand # **23**
 Stacking Density
(412)0 - A7
 Level 3 OI
 Level 4 Code
 Cover Type Code

Legend

- Miris Corners
- Highways
- County Paved Road
- Paved Road
- Poor Dirt Road
- Intermittent Stream/Drain
- Stream
- Lakes and Rivers

Treatments

- Clearcut (w/Reserves, Patch/Strip)
- Mowing

Forest Stands

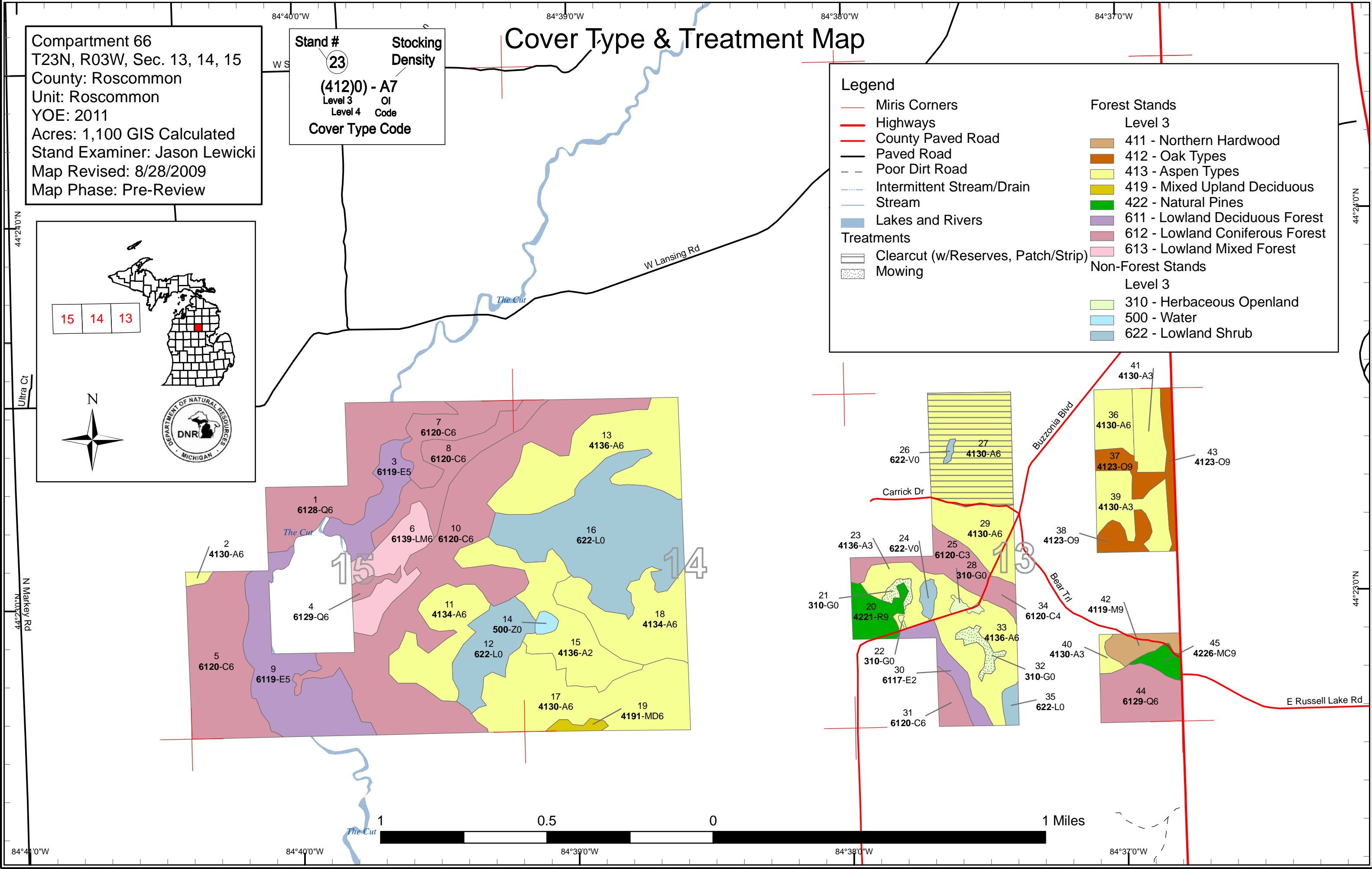
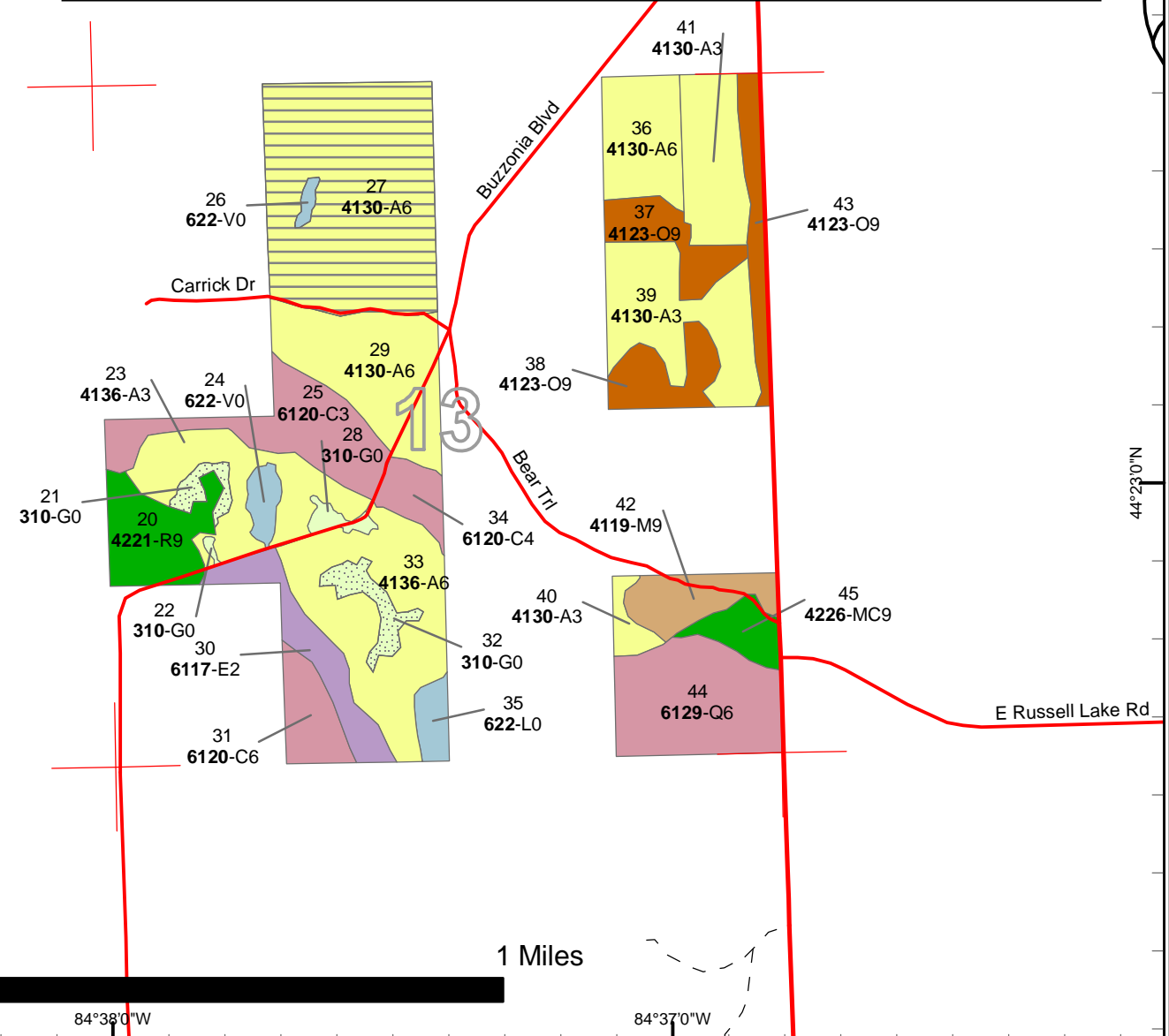
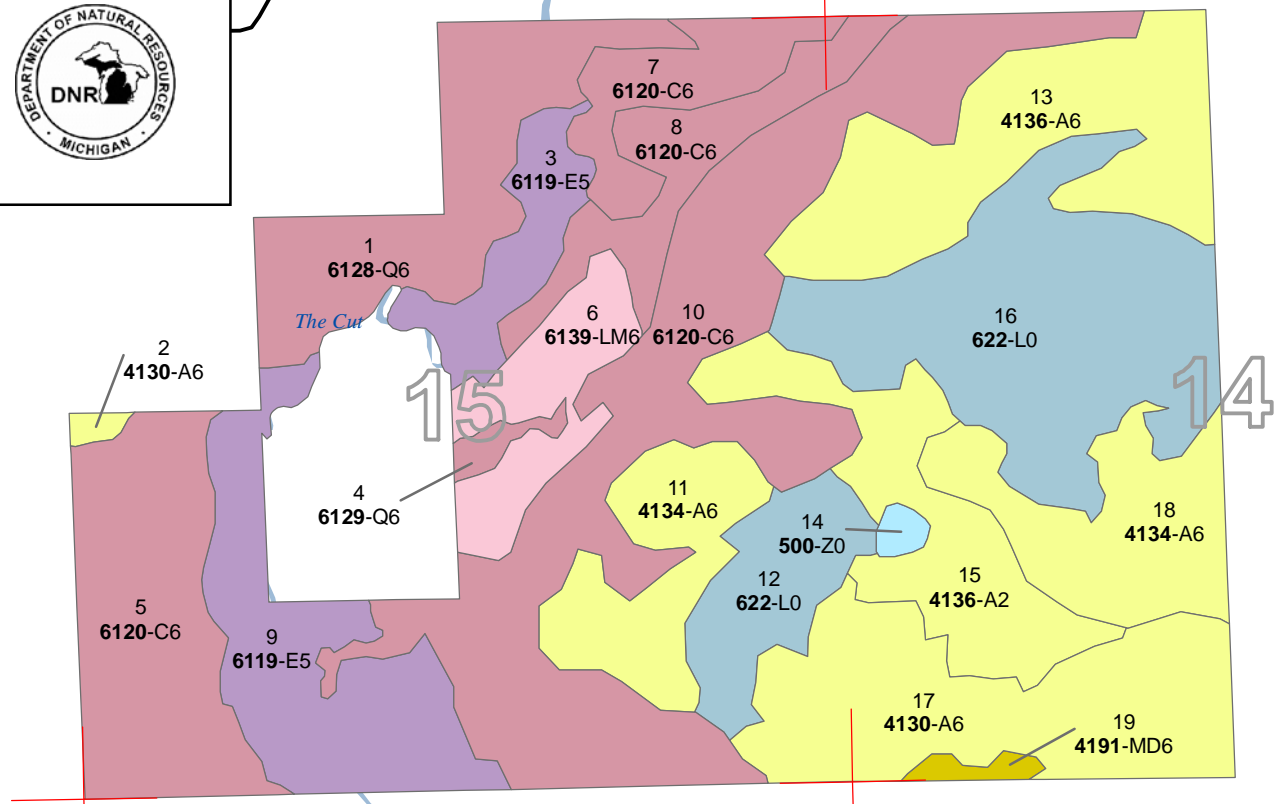
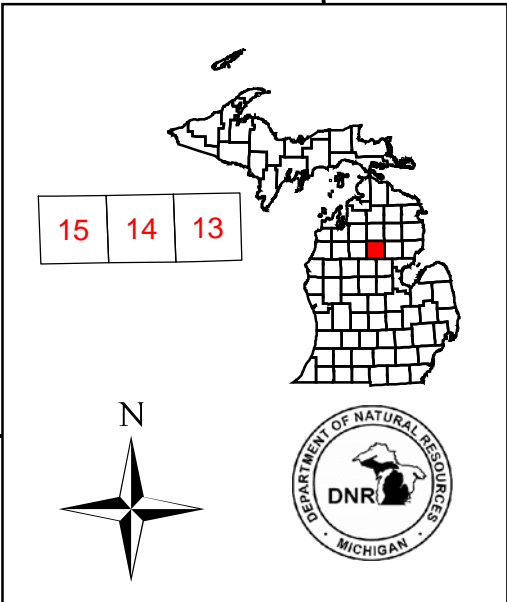
Level 3

- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

Non-Forest Stands

Level 3

- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub



Roscommon Mgt. Unit

Covertypes, Acres, and Age summary
(Level 3 Cover Type)

Compartment 066 Year of Entry 2011

Report Date: 08/28/2009



	Age Class														Total	
	Non-Forested	1-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120 +		Uneven Age
Aspen Types	0	0	36	224	0	79	0	0	99	0	0	0	0	0	0	437
Herbaceous Openland	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Lowland Coniferous Forest	0	0	0	0	0	0	0	8	321	24	0	0	0	0	0	353
Lowland Deciduous Forest	0	0	0	11	0	0	0	0	77	0	0	0	0	0	0	87
Lowland Mixed Forest	0	0	0	0	0	0	0	0	27	0	0	0	0	0	0	27
Lowland Shrub	129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	129
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
Natural Pines	0	0	0	0	0	0	0	0	13	5	0	0	0	0	0	18
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	9
Oak Types	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	25
Water	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	140	0	36	235	0	79	0	8	540	30	34	0	0	0	0	1101

**PROPOSED TREATMENTS
NO LIMITING FACTORS**



S
t
a
n
d

Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective
27 71066027-Cut	52.6	4130 - Aspen	High Density Pole	41	Harvest	Clearcut	Aspen

Rev
Cmnt:

Rev Final harvest down to 2". Leave a few pine for diversity.

Spec:

Next

Steps:

21 NF_71066021-NonFor	2.4	Unspecified		0	Non-Forest Management	Mowing	Cool Season Grass
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Rev
Cmnt:

Rev Managed opening.

Spec:

Next

Steps:

32 NF_71066032-NonFor	4.3	Unspecified		0	Non-Forest Management	Mowing	Cool Season Grass
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Rev
Cmnt:

Rev Managed opening.

Spec:

Next

Steps:

**Total Treatment
Acreage Proposed: 59.4**

**PROPOSED TREATMENTS
WITH LIMITING FACTORS**



S
t
a
n
d

Treatment Name	Acres	Stage1 Cover Type	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Page 1 of 1
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Limiting Factor
and Comment:

Rev
Cmnt:

Rev
Spec:

Next
Steps:

No Treatment
Reason

**Total Treatment
Acreage Proposed: 0**



PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

Inventory Method: IFMAP

Stand	SCA Name	Acres	Comments



DEDICATED CONSERVATION AREA DETAILS

* This is a list of Dedicated Biodiversity Areas for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to Dedicated Conservation Area Map for areas that the below listed Conservation Areas are located.

ERA = Ecological Reference Area
HCVA = High Conservation Value Area
SCA = Special Conservation Area

Conservation Area	Type	Description
SCA	Archaeological Site	An aquatic or terrestrial area of the State that contains physical remains of human occupation. These are sites of cultural and historical significance that may occur upon terrestrial areas and Great Lakes bottomlands. They include thousands of Native American settlements and burial sites, as well as French and British outposts, nineteenth century logging camps, mines and homesteads. Beneath the waters of the Great Lakes, there are shipwrecks and other remains documenting the maritime trade. Such sites may be identified by Natural heritage data from the State Historic Preservation Office. Proposed treatments in this compartment will be implemented in such a manner as to maintain the integrity of these sites. Due to the sensitive nature of this information, no further detail about location is available.
SCA	Potential Old Growth Areas	This category contains stands were identified for a broad range of reasons and were coded in the OI database as stand condition 8 as potential old growth (POG). Approximately 310,000 acres have been identified through the Operations Inventory (OI)/Compartment Review process. For stands in Year of Entry 2008 and forward, potential old growth is managed for the identified objective until it is: 1) vetted through the Biodiversity Conservation Planning Process (BCPP) and given a specific designation and objective (as an ERA, HCVA, or other type of SCA) and is released from the potential old growth designation; or 2) it is released from the potential old growth designation via the Compartment Review process.