



**ROSCOMMON FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 7 ENTRY YEAR: 2007

Compartment Acreage: 757 County: Roscommon

Revision Date: 2/24/05

Stand Examiner: D. Ekdom

Legal Description: 24N 01W Sections 7 & 18

RMU (if applicable): Not Applicable

Management Goals: Maintain current age and species diversity in a range of early and late successional ecosystems.

Soil and Topography: Topography is generally low and wet with some rolling hills in the SE corner of the compartment. Soils are Roselawn Sand and Rifle Peat.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Compartment is in 2 separate blocks, only one of which is accessible for management purposes. There is a large block of undeveloped private separating these blocks. Approximately 60% of the surrounding land is undeveloped private property used for recreation. The other 40% is State owned land.

Unique, Natural Features: This compartment is part of the Hudson Creek swamp.

Archeological, Historical, and Cultural Features: None known or detected during fieldwork.

Special Management Designations or Considerations:

Watershed and Fisheries Considerations: Hudson Creek and the South Branch Au Sable River.

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions: 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 in other areas of the State. Most of the good gravel pits are associated with upland areas. The nearest gravel pit is located in Section 8 and potential appears to be good in Section 18. St. Helen Field is located less than one mile to the southeast. The field has produced over 8.7 million BO and 14.7 Bcf gas from the Devonian Richfield Formation. It is in secondary recovery operations currently. There are no current leases in the Compartment.

Vehicle Access: Vehicle access to most of this compartment is poor, except the SE ¼ of Section 18. Walk in access is limited by private property.

Survey Needs: None necessary at this time.

Recreational Facilities and Opportunities: The SE corner of this compartment contains an ORV trail and the seasonal county road is heavily used by snowmobiles during the winter months. Where hunters have access, the compartment is used for deer, rabbit, bear, and bobcat hunting.

Fire Protection: This compartment should not be a problem for fire protection given the terrain and fuel types. However, access to much of the compartment is limited for fire suppression during dry years.

Additional Compartment Information: No treatments except a 6 acre habitat cut are scheduled for this year-of-entry.

- **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**

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Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: 7

Table 3A

(acres shown in boxes)

MANAGEMENT OBJECTIVE TYPE

COVER TYPE	A	S	V	C	G	H	J	I	L	P	N	Q	X	O	B	R	K	Y	F	E	T	D	U	M	Z	W	Total
A Aspen	126																										126
S Black Spruce		3																									3
V Bog or Marsh			15																								15
G Grass					5																						5
L Lowlnd Brush									62																		62
N Marsh											146																146
Q Mx Swmp Cnfr												201															201
O Oak														26													26
R Red Pine																10											10
E Swamp Hrdwds																				107							107
Z Water																									4	4	
W White Pine																										52	52
Total	126	3	15		5				62		146	201		26		10				107					4	52	757

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: 7

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	1526 Cds	Hardwood	58 Cds
Hardwood	365 Mbf	Softwood	16 Mbf
Softwood	2363 Cds	Sum CutVol	90 Cds
Softwood	763 Mbf		
Sum TotVol	6145 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	
757		8	

**Proposed Treatments
With NO Limiting Factors**

Compartment: 7

Entry Year: 2007

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
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Total Acres..... 0

ROSCOMMON FOREST MGT UNIT

Proposed Treatments
With Limiting Factors

Compartment: 7

Entry Year: 2007

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	fdf Status
16	A5	8	74	55	aspen (upland)	two aged	final harvest	2	natural regeneration	

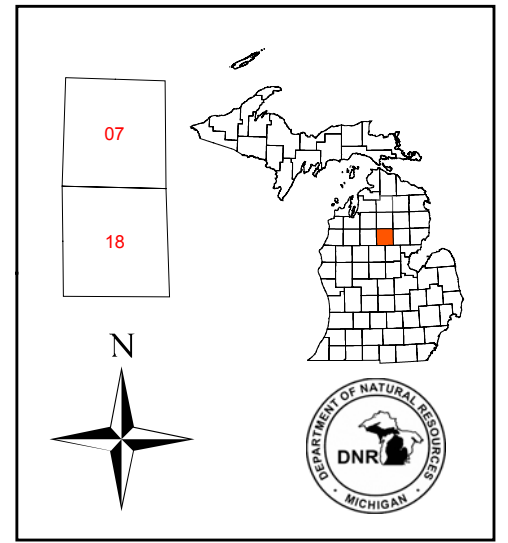
TREATMENT LIMITING FACTORS: Too wet

comnts Fmd : appears to be island in swamp, possible habitat cut

Total Acres..... 8

Compartment 7
 R24N, R1W, Sec. 7, 18
 County: Roscommon
 Unit: Roscommon
 YOE: 2007
 Acres: 757 GIS Calculated
 Stand Examiner: Dale Ekdorn
 Map Revised: 10/20/2005
 Map Phase: Pre-review

Field Map



Legend

- RLS Corners
- Miris Corners
- Gravel Roads
- Poor Dirt Roads
- Trails
- Powerline
- ORV Trails
- Stand Boundary
- 141 - Final Harvest/Natural Regeneration/Hand Tools

Name Public Gravel Roads
 Name Water Features

