



**ROSCOMMON FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 63 ENTRY YEAR: 2008

Compartment Acreage: 1126 County: Roscommon

Revision Date: 10-26-2006

Stand Examiner: Jason Lewicki

Legal Description: T23N R02W Sections 7 and 18

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: Soils consists of mostly Roselawn series with a band of Rubicon sand. Lower elevations consist of Newton loamy sand, Greenwood peat and Saugatuck sand. The topography is hilly and located on "Nine Mile Hill".

Ownership Patterns, Development, and Land Use in and Around the Compartment: Roscommon county road commission owns 36 acres along Russell Lake road. There is a MSP radio tower (stand 64) and a I-75 rest stop located in section 7. The nine mile hill gravel pit lies just to the east of this compartment.

Unique, Natural Features: The nine mile hill gravel pit lies just to the east of this compartment.

Archeological, Historical, and Cultural Features: None known.

Special Management Designations or Considerations: None known

Watershed and Fisheries Considerations: Long crossway swamp begins in very north end of this compartment.

Wildlife Habitat Considerations: Provide and maintain habitat for a variety of game and non game species. There is a maintained opening in section 7(stand 402).

Mineral Resource and Development Concerns and/or Restrictions: Sections 7 and 18, T23N-R2W. 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. The Nine Mile Pit is located in Section 17 & 18 and additional potential appears to be good. St. Helen Field lies six 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. The only leases in this area are for sand and gravel.

Vehicle Access: Vehicle access is excellent throughout most of the compartment.

Survey Needs: None

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

Fire Protection: Majority of compartment is state owned with little urban interface. Most of the compartment is upland with hardwood cover types. Initial response from the Roscommon Field office is short.

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**

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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: 63

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	557																										557
G Grass					22																						22
L LowInd Brush									15																		15
N Marsh											31																31
Q Mx Swmp Cnfr												26															26
X Non Stocked													2														2
O Oak														444													444
E Swamp Hrdwds																				16							16
Z Water																									1		1
W White Pine																										12	12
Total	557				22				15		31	26	2	444						16					1	12	1126

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: **63**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	9626 Cds	Hardwood	1098 Cds
Hardwood	1875 Mbf	Hardwood	184 Mbf
Softwood	613 Cds	Sum CutVol	1466 Cds
Softwood	28 Mbf		
Sum TotVol	14045 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	128
1126			

ROSCOMMON FOREST MGT UNIT

Proposed Treatments
With NO Limiting Factors

Compartment: 63

Entry Year: 2008

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
7	O9	11	86	55	oak	mature	final harvest	1		
comnts Fmd : Scattered low BA of large red oak. Younger age class of oak. Some white oak. Final harvest leaving some large crowned red and white oak. Scattered quaking aspen with some BTA to the south. Plant to a mix of red and white pine if oak and aspen regeneration fails										
9	O9	13	88	60	oak	mature	thinning	1		
comnts Fmd : Nice red oak stand mixed with pole red maple. Some scattered BTA, more towards north. Some beech regen and scattered poles. One large beech. Some areas with thick white pine regen. Remove red maple and aspen. Mark oak where thicker to 70-80 BA. Manage for oak and white pine undestory.										
15	A6	25	46	60	aspen (upland)	immature	final harvest	1	other - specify in remarks	
comnts Fmd : BTA stand in decline. Some QA younger age class of oak 4-8". Leave all younger oak and a few reserve trees(3%). Some white oak. Will accept a mix of aspen oak and red maple for regeneration.										
23	O9	7	86	55	oak	immature	seed tree	1		
comnts Fmd : Mix of medium quality red oak and white oak. Shelterwood cut last entry. Red maple aspen and a few oak seedlings. Seed tree harvest leaving 10-20 BA of oak with large healthy crowns. Pre and post harvest burns. To prepare seed bed for acorns. If oak regen fails after burning plant red and white pine.										
30	O9	44	90	60	oak	mature	selection	1	other - specify in remarks	
comnts Fmd : decent red oak stand mixed with aspen and maple. Some beech regen. Gypsey moth plots. A few patches of white pine regen. Old burnt pine stumps. Cut all maple and aspen and mark out some oaf for operability. No less than 70 BA residual.										
38	O9	21	86	55	oak	immature	shelterwood-seed	1		
comnts Fmd : medium site red oak. Species thinned last entry. Some oak cut. Some maple regen. Shelterwood cut to 20-30BA. Pre and post harvest burns to kill maple and prepare seed bed. Plant mix of red and white pine in understory if oak regeneration fails after burns Some slash. Do not burn NE corner. Nice white pine regen established there.										
44	O8	7	86	55	oak	mature	shelterwood-seed	1		
comnts Fmd : shelterwood to 20-30 BA pre and post harvest burn to kill red maple and to prepare seed bed. Plant a mix of red and white pine inunderstory if oak regeneration fails after burning.										
402	G0	1			grass	nonstocked		0	opening maintenance	
comnts Fmd : WILDLIFE MANAGED OPENING.										
Total Acres.....		129								

**Proposed Treatments
With Limiting Factors**

Compartment: 63

Entry Year: 2008

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

