



**ROSCOMMON FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 85 ENTRY YEAR: 2007

Compartment Acreage: 1221 County: Roscommon

Revision Date: 9/26/05

Stand Examiner: D. Ekdom

Legal Description: T23N, R2W, Sections 28 & 29

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: Terrain is mostly flat. Soils are Saugatuck and Rubicon sands with Rifle peat in the lower and wetter areas.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Solid state ownership within and surrounding the compartment.

Unique, Natural Features: Compartment is bisected by I-75 and the portion west of the highway is within the Backus State Game Area.

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

Special Management Designations or Considerations:

Watershed and Fisheries Considerations: This compartment contains portions of the Little Mud Lake Flooding and the Backus Creek Flooding.

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of 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, but potential appears to be limited. St. Helen Field lies five miles to the northeast. 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. The NW/4 of Section 28 is leased for oil and gas development.

Vehicle Access: The only vehicle access to the west side of the compartment is through the gate to the north on E. Russell Lake Road. Vehicle access to the east end of the compartment is via E. Russell Lake Road.

Survey Needs: None necessary at this time.

Recreational Facilities and Opportunities: This compartment is walk-in access only and is used primarily for deer, small game, and some waterfowl hunting.

Fire Protection: Fire suppression within this compartment should not be a problem due to the absence of fire prone cover-types and the presence of numerous natural fire breaks. Access may be a problem if a fire does occur, due to the limited vehicle access and low, wet terrain.

Additional Compartment Information: Proposed treatments this year-of-entry include 42 acres of final harvests in aspen, 36 acres of red pine thinning, 11 acres of direct seeding of jack pine, and 38 acres of wildlife opening maintenance.

- **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: 85

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	360																										360
V Bog or Marsh			3																								3
G Grass					47																						47
L LowInd Brush									57																		57
N Marsh											125																125
Q Mx Swmp Cnfr												182															182
R Red Pine																36											36
E Swamp Hrdwds							11													101							112
D Treed Bog																							231				231
M Upland Hdwds																								3			3
Z Water																									21		21
W White Pine																										44	44
Total	360		3		47		11		57		125	182				36				101		231		3	21	44	1221

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: **85**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	3384 Cds	Hardwood	135 Cds
Hardwood	225 Mbf	Hardwood	182 Mbf
Softwood	4237 Cds	Softwood	526 Cds
Softwood	443 Mbf	Sum CutVol	1025 Cds
Sum TotVol	8957 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	78
1221			

ROSCOMMON FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 85

Entry Year: 2007

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status	
4	E1	8	5	50	jack pine	immature		0	direct seeding		
comnts Fmd : VARIED SUCCESS WITH REGENERATION, SPARSE IN CENTER & N,S,E HAS DECENT A/RM REGENERATION, TRENCH AND SEED JACK PINE WHERE REGENERATION IS SPARSE, KOTAR TYPE IS ParVHa/ParVCo.											
7	A9	38	65	55	aspen (upland)	mature	final harvest	2			
comnts Fmd : CUT OR HOLD AS DESIRED, SAVE WHITE PINE AND OAK IF CUT, BUFFER I-75 AND MAINTAINED OPENINGS IF CUT											
12	R6	36	45	65	red pine	immature	thinning	2			
comnts Fmd : 3RD ROW THINNED LAST YOЕ, THIN FROM BELOW TO 120 SF, MANAGE FOR UTILITY POLES IN 10 YEARS, INCLUDE STAND 3, COMPT 86 (2009 YOЕ) TO THE SOUTH WHEN T'SALE IS SET UP (SAME STAND).											
23	E1	3	5	50	jack pine	sparse		0	direct seeding		
comnts Fmd : SCATTERED/SPARSE ASPEN, RED MAPLE, AND OAK REGENERATION, SEVERAL LOW POTHOLE WHERE NO REGENERATION AT ALL EXISTS, TRENCH AND SEED JACK PINE IN AREAS WITH SPARSE REGENERATION.											
36	A6	4	39	55	aspen (upland)	immature	final harvest	2			
comnts Fmd : A6 CINVERTING TO A9, OVERMATURE ASPEN WITH IMMATURE POLESIZE ASPEN, CUT OR HOLD AS DESIRED, LEAVE LARGER OAKS IF CUT AND EXPAND INTO SURROUNDING STANDS (#18 AND 20) WHERE POSSIBLE.											
400	G0	7		55	grass	nonstocked		0	opening maintenance		
comnts Fmd : MAINTAINED WILDLIFE OPENING.											
401	G0	8			grass	nonstocked		0	opening maintenance		
comnts Fmd : MAINTAINED OPENING											
403	G0	7			grass	nonstocked		0	opening maintenance		
comnts Fmd : MAINTAINED WILDLIFE OPENING											
404	G0	13			grass	nonstocked		0	opening maintenance		
comnts Fmd : MAINTAINED WILDLIFE OPENING											
405	G0	3			grass	nonstocked		0	opening maintenance		
comnts Fmd : MAINTAINED WILDLIFE OPENING											
Total Acres.....		127									

**Proposed Treatments
With Limiting Factors**

Compartment: 85

Entry Year: 2007

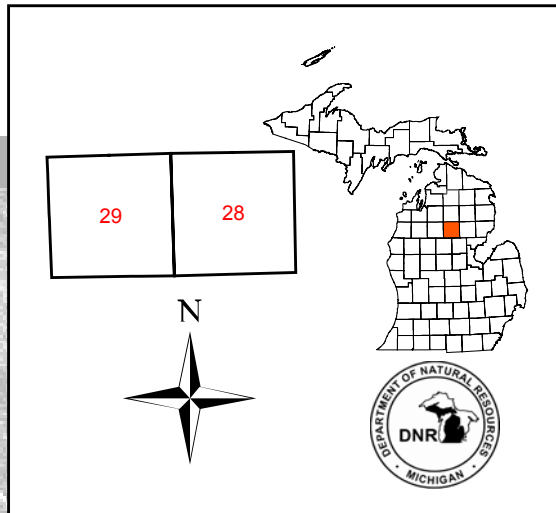
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

Field Map

Compartment 85
 T23N, R2W, Sec. 28, 29
 County: Roscommon
 Unit: Roscommon
 YOE: 2007
 Acres: 1,221 GIS Calculated
 Stand Examiner: Glenn Taurence/Dale Ekdorn
 Map Revised: 10/20/2005
 Map Phase: Pre-review



Legend

- Miris Corners
- Gravel Roads
- Poor Dirt Roads
- Closed Roads
- Water Features
- Interstate Highway
- Stand Boundary
- 026 - Opening Maintenance
- 036 - Direct Seeding
- 100 - Final Harvest
- 400 - Thinning
- Name** Gravel Roads
- Name** Water Features

