



**ROSCOMMON FOREST MANAGEMENT UNIT  
COMPARTMENT REVIEW PRESENTATION**

**COMPARTMENT # 86      ENTRY YEAR: 2009**

**Compartment Acreage: 1206      County: Roscommon**

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**Revision Date:** 2/27/07

**Stand Examiner:** D. Ekdom

**Legal Description:** T23N R2W Sections 32 and 33

**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 primarily broad flat outwash plain. Soils are Saugatuck and Rubicon sands, Newton loamy sand, and Rifle peat.

**Ownership Patterns, Development, and Land Use in and Around the Compartment:** Compartment is 100% state owned and surrounded by state land. Most of the compartment is in the Backus Creek State Game Area and is not in-scope for forest certification. The compartment is split by I-75 running through the NE of section 33.

**Unique, Natural Features:** Osprey nesting areas and great blue heron rookeries have been documented in this compartment. Wild pigs are present in this compartment as evidenced by tracks and other "pig" sign.

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

**Special Management Designations or Considerations:** Backus Creek State Game Area. The potential for an SCA exists due to the controlled vehicle access.

**Watershed and Fisheries Considerations:** Backus Creek Flooding with its associated wetlands and 1 unnamed waterfilled barrow pit whose proposed name is Piglet Pond.

**Wildlife Habitat Considerations:** Maintain ecosystem diversity in the compartment via habitat manipulation to benefit game species such as deer, grouse, rabbits, and turkeys as well as non-game species. This compartment has a population of wild pigs also.

**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 Pennsylvanian Saginaw Formation. The Saginaw is quarried for clay elsewhere in the State. Most of the nearby gravel pits are associated with upland areas. There are not any gravel pits in the area and potential appears to be limited. St Helen Field is located ten 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.

**Vehicle Access:** Vehicle access to the compartment interior on the east side of I-75 is good but seasonal via county road. Vehicle access to the compartment interior on the west side of I-75 is also good via seasonal county road and state forest two-track. However, this vehicle access is limited to DNR personnel on DNR business by a Wildlife Division gate at the west end of the Backus dike.

**Survey Needs:** None necessary at this time.

**Recreational Facilities and Opportunities:** Excellent quiet area hunting opportunities exist in this compartment due to controlled vehicle access.

**Fire Protection:** Due to terrain and cover types as well as the lack of vehicle access to the interior of the compartment limit potential for fire occurrence or spread

**Additional Compartment Information:** Most harvests in this compartment are factor limited due to the restricted access across the spillway of the dike. Proposed treatments include 29 acres of final harvests in aspen and 21 acres of red pine thinnings. Proposed non-commercial treatments include 33 acres of 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: 86

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	176																										176	
S Black Spruce		37																									37	
V Bog or Marsh			5																								5	
C Cedar				18																							18	
G Grass					55																						55	
L Lowlnd Brush									310																		310	
N Marsh											72																72	
Q Mx Swmp Cnfr												108															108	
R Red Pine																73											73	
F Spruce Fir																			2								2	
E Swamp Hrdwds																				111							111	
U Upland Brush																								13			13	
M Upland Hdwds																									9		9	
Z Water																									191		191	
W White Pine																										26	26	
<b>Total</b>	<b>176</b>	<b>37</b>	<b>5</b>	<b>18</b>	<b>55</b>				<b>310</b>		<b>72</b>	<b>108</b>				<b>73</b>			<b>2</b>	<b>111</b>				<b>13</b>	<b>9</b>	<b>191</b>	<b>26</b>	<b>1206</b>

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: **86**

**Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS**

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	3298 Cds	Hardwood	925 Cds
Hardwood	250 Mbf	Hardwood	37 Mbf
Softwood	3139 Cds	Softwood	261 Cds
Softwood	909 Mbf	Softwood	30 Mbf
Sum TotVol	8755 Cds	Sum CutVol	1320 Cds
<b>Total Cmpt Acres</b>		Acres Proposed For Cut.....	
1206		50	

**ROSCOMMON FOREST MGT UNIT**

**Proposed Treatments  
With NO Limiting Factors**

**Compartment: 86**

**Entry Year: 2009**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	fdf Status	
<b>3</b>	<b>R6</b>	12	38	65	red pine	immature	thinning	6			
comnts Fmd : PART OF COMPARTMENT 85 - STAND #12, THINNED LAST YOE AND IS BEING THINNED WITH THIS STAND TO THE NORTH											
<b>400</b>	<b>G0</b>	9			grass	nonstocked		0	opening maintenance		
comnts Fmd : MAINTAINED OPENING											
<b>401</b>	<b>G0</b>	1			grass	nonstocked		0	opening maintenance		
comnts Fmd : MAINTAINED OPENING - PART OF OPENING TO THE NORTH IN COMPARTMENT 85											
<b>402</b>	<b>G0</b>	2			grass	nonstocked		0	opening maintenance		
comnts Fmd : MAINTAINED OPENING											
<b>403</b>	<b>G0</b>	14			grass	nonstocked		0	opening maintenance		
comnts Fmd : MAINTAINED OPENING											
<b>404</b>	<b>G0</b>	2			grass	nonstocked		0	opening maintenance		
comnts Fmd : MAINTAINED OPENING											
<b>405</b>	<b>G0</b>	2			grass	nonstocked		0	opening maintenance		
comnts Fmd : MAINTAINED OPENING											
<b>406</b>	<b>G0</b>	1			grass	nonstocked		0	opening maintenance		
comnts Fmd : MAINTAINED OPENING - NORTH PART OF OPENING IN COMPARTMENT 102 TO THE SOUTH											
<b>407</b>	<b>G0</b>	1			grass	nonstocked		0	opening maintenance		
comnts Fmd : MAINTAINED OPENING											
<b>408</b>	<b>G0</b>	1			grass	nonstocked		0	opening maintenance		
comnts Fmd : POSSIBLE OPPORTUNITY TO MAKE ADDITIONAL MAINTAINED OPENING											
<b>Total Acres.....</b>		<b>45</b>									

**ROSCOMMON FOREST MGT UNIT**

**Proposed Treatments  
With Limiting Factors**

**Compartment: 86**

**Entry Year: 2009**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDf Status
<b>24</b>	<b>A6</b>	7	50	64	aspen (upland)	mature	final harvest	2	natural regeneration	

TREATMENT LIMITING FACTORS: Blocked by other physical obstacle

comnts Fmd : LIMITED ACCESS DUE TO BACKUS DIKE, NICE UPLAND ASPEN STAND IN NEED OF REGENERATION, ANY COMBINATION OF SPECIES IS ACCEPTABLE AS REGENERATION

<b>25</b>	<b>R6</b>	4	56	67	red pine	immature	thinning	2		
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TREATMENT LIMITING FACTORS: Blocked by other physical obstacle

comnts Fmd : NATURAL RED PINE STAND, THIN TO 120-140 DEPENDING ON STARTING DENSITY, LIMITED ACCESS DUE TO BACKUS DIKE

<b>27</b>	<b>A6</b>	22	50	62	aspen (upland)	mature	final harvest	1	natural regeneration	
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TREATMENT LIMITING FACTORS: Blocked by other physical obstacle

comnts Fmd : NICE UPLAND ASPEN STAND WITH LOTS OF CONIFER COMPONENT, CUT OR HOLD AS DESIRED, LIMITED FACTOR STAND DUE TO BACKUS DIKE, ANY COMBINATION OF SPECIES IS ACCEPTABLE AS REGENERATION

<b>28</b>	<b>R6</b>	5	57	72	red pine	immature	thinning	2		
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TREATMENT LIMITING FACTORS: Blocked by other physical obstacle

comnts Fmd : CUT HARDWOODS EXCEPT OAK, LIMITED FACTOR STAND DUE TO BACKUS DIKE

**Total Acres..... 38**

