



**ROSCOMMON FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 176 ENTRY YEAR: 2007

Compartment Acreage: 1597 County: Ogemaw

Revision Date: 4/13/05

Stand Examiner: D. Ekdom

Legal Description:

RMU (if applicable): Not Applicable

Management Goals: Maintain jack pine type in age classes as determined by the Kirtlands Warbler Recovery Plan

Soil and Topography: Terrain is flat to very gently rolling. Soils are Grayling and Graycalm sands.

Ownership Patterns, Development, and Land Use in and Around the Compartment: This compartment is a solid block of state ownership and is surrounded by state land except on the southeast side in section 26 which is private property with both permanent residences and seasonal cabins.

Unique, Natural Features:

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

Special Management Designations or Considerations: This compartment is in the Damon Area Kirtland's Warbler Management Unit.

Watershed and Fisheries Considerations:

Wildlife Habitat Considerations: Maintain jack pine type in age classes as determined by the Kirtland's Warbler Recovery Plan.

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 are the Mississippian Marshall Sandstone and Coldwater Shale. The Marshall has been used as a building stone in the past. The nearest gravel pit is located three miles to the south and potential appears to be limited. One part of the Rose City Field is located in Section 21. The fields have produced over 9.3 million BO and 9.9 Bcf gas from the Devonian Richfield Formation. They are in secondary recovery operations currently. The main field also produces from the Prairie du Chien, and has produced over 31 Bcf gas and 200,000 BO. One-half of the State lands in the Compartment are currently leased and Held by Production. There are 11 active oil wells in section 21. All other oil wells in section 22 and 23 have been plugged and the roads are blocked and overgrown.

Vehicle Access: Vehicle access to the exterior of the compartment is good via section line roads. Vehicle access into the interior of section 21 is good via oil well service roads.

Survey Needs: None necessary at this time.

Recreational Facilities and Opportunities:

Fire Protection: This compartment is almost entirely jack pine, a highly volatile fuel type. There are also 11 wells with related surface and underground pipes in section 21.

Additional Compartment Information: The west 3/4 of section 22 is scheduled to be regenerated with section 27 in Compartment 179 and the northern 2/3rds of section 34 in Compartment 178 in the year 2012. This will create a solid block of new KW habitat which is approximately 1500 acres in size.

- **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

OGEMAW COUNTY

COMPARTMENT: 176

Table 3

(acres shown in boxes)

STAND AGE CLASS

COVER TYPE	Not	STAND AGE CLASS													All Aged	Total			
	Coded	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129			130-139	140-149	150-159
Grass	5																		5
Jack Pine			219	737		11												486	1453
Non Stocked	7																		7
Red Pine																		132	132
Total	12		219	737		11												618	1597

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

OGEMAW COUNTY

COMPARTMENT: **176**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Softwood	5541 Cds	Softwood	5346 Cds
Softwood	1051 Mbf	Sum CutVol	5346 Cds
Sum TotVol	7643 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	486
1597			

ROSCOMMON FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 176 **Entry Year: 2007**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status	
7	J5	243		47	jack pine	immature	final harvest	1	planting		
comnts Fmd : KW BLOCK 3 - 1997 YOE, MIX OF AGE CLASSES WITH MAJORITY OF THE STAND 30-40 YEARS OLD, SCATTERED OAK AND RED PINE, POCKETS OF JP BUDWORM DAMAGE, TREAT THIS Y.O.E. WITH STANDS TO THE SOUTH IN COMPT'S 178 AND 179, REGENERATE IN 2012											
9	J5	63		47	jack pine	immature	final harvest	1	planting		
comnts Fmd : KW BLOCK 4 - 2007 YOE, 2 AGED STAND WITH 30-40 YEAR OLD JP AND 10-20 YEAR OLD JP, J2 U.S. IS ALMOST MERCHANTABLE, SCATTERED POCKETS OF 45+ YEAR OLD TREES, POCKETS OF BUDWORM DAMAGE, TREAT THIS Y.O.E. WITH STANDS TO THE SOUTH IN COMPT'S 178 AND 179, REGENERATE IN 2012.											
10	J5	180		41	jack pine	immature	final harvest	1	planting		
comnts Fmd : KW BLOCK 4 - 2007 YOE - MULTIPLE AGES 10-45+ YEARS OLD, POCKETS OF BUDWORM DAMAGE, TREAT THIS Y.O.E. WITH STANDS TO THE SOUTH IN COMPT'S 178 AND 179, REGENERATE IN 2012.											
Total Acres.....		486									

**Proposed Treatments
With Limiting Factors**

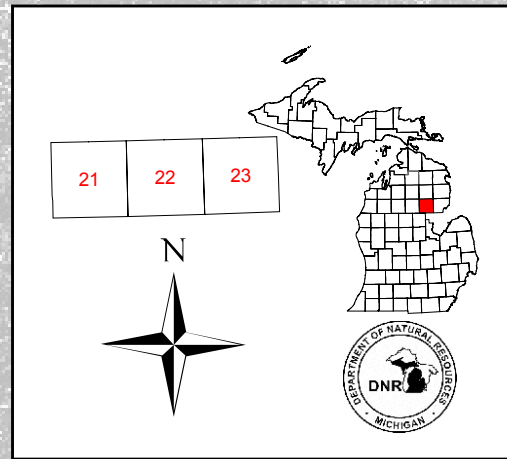
Compartment: 176 **Entry Year: 2007**

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

Total Acres..... 0

Compartment 176
 T24N, R1E, Sec. 21-23
 County: Ogemaw
 Unit: Roscommon
 YOE: 2007
 Acres: 1,597 GIS Calculated
 Stand Examiner: Dale Ekdorn
 Map Revised: 10/25/2005
 Map Phase: Pre-review



Field Map

Legend

- Miris Corners
- - Poor Dirt Roads
- Active Oil Wells
- Stand Boundary
- ▨ 116 - Final Harvest/Planting
- Name Public Gravel Roads

