



**ATLANTA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 78 ENTRY YEAR: 2009

Compartment Acreage: 1,569 County: Montmorency

Revision Date: October 16, 2007

Stand Examiner: Cody Stevens

Legal Description: T32N R02E Sec 21, 22, 27, 28, 33

RMU (if applicable):

Management Goals:

The main goal in this compartment is to conduct multiple resource management for the good of the citizens of the State of Michigan.

Soil and Topography: The topography of the compartment is level upland ground predominated by Jack Pine.

Ownership Patterns, Development, and Land Use in and Around the Compartment:

There is a few small private in holdings within the compartment and the Clear Lake State Park is in the SE corner of the compartment.

Unique, Natural Features:

Some species are present in and around the compartment.

Archeological, Historical, and Cultural Features.

None known.

Special Management Designations or Considerations:

The majority of this compartment is a High Conservation Value Area for Kirtland Warbler habitat management.

Watershed and Fisheries Considerations:

Fisheries Concerns is General:

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions:

Vehicle Access:

This compartment is accessed from Highway M-33 & County Roads: Co Rd 622 & Clear Lake Drive. There are several two tracks for traversing the area.

Survey Needs:

None Known at this time.

Recreational Facilities and Opportunities:

The State Park has a nature hiking trail which extends into Section 33 and there are many opportunities for hunting and wildlife viewing in the area.

Fire Protection:

Fire response to the compartment will be covered by the Atlanta DNR office as well as the Hillman Fire Department.

Additional Compartment Information:

Cover Type details, Proposed Treatments, and Stand listings are listed in the attached reports:

- ◆ **Cover Type by Age Class**
- ◆ **Proposed Treatments – No Limiting Factors**
- ◆ **Proposed Treatments – With Limiting Factors**
- ◆ **Stand Listing – Forested**
- ◆ **Stand Listing – Non Forested**
- ◆ **Special Conservation Area (SCA) Details**

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**
- ◆ **SCA – Special Conservation Areas**





Stage 1 Acres Summary By Level 3 Cover Type By Age

Compartment: 54078

Date: 8/28/2007

	0	1-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	>89	Uneven Age	Grand Total
Aspen Types	0	17	0	0	0	0	0	0	13	0	0	0	30
Herbaceous Openland	81.6	0	0	0	0	0	0	0	0	0	0	0	81.6
Lowland Coniferous Forest	0	0	0	0	0	0	0	5.7	25.6	0	0	0	31.3
Lowland Shrub	27.8	0	0	0	0	0	0	0	0	0	0	0	27.8
Natural Pines	0	0	24.3	13.7	129.3	98.7	45.8	199.5	145.9	0	0	0	657.2
Oak Types	0	0	0	0	0	0	0	0	9.2	52.5	0	0	61.7
Planted Pines	0	430.3	238.1	0	0	0	0	0	0	0	0	0	668.4
Road/Parking Lot	4.4	0	0	0	0	0	0	0	0	0	0	0	4.4
Upland Shrub	6.6	0	0	0	0	0	0	0	0	0	0	0	6.6
Grand Total	120.4	447.3	262.4	13.7	129.3	98.7	45.8	205.2	193.7	52.5	0	0	1569

**PROPOSED TREATMENTS
NO LIMITING FACTORS**

S t a n d	Treatment Name	Acres	Stage1 CovType	Size Density	1st Age	2nd Age	Treatment Method	Treatment Purpose	Cover Type Objective	Pg. 1
8	08-JP CCut	163.7	42220 - Natural Jack Pine	6	60	0	Clearcut with Reserves	Habitat Management	Planted Jack Pine	
<u>Rev Cmnt:</u>	stand was prescribed at 2008 YOE review to be set-up in 2007 for KW habitat.									
<u>Rev Spec:</u>	Clear cut and leave 3-5% retention.									
<u>Next Steps:</u>	Replant for KW and do regen survey. Fire would like a 3 chain wide strip left unplanted, running north-south starting at the middle of the powerline.									
21	21-JP CCut	41.4	42220 - Natural Jack Pine	6	71	0	Clearcut with Reserves	Regeneration	Planted Jack Pine	
<u>Rev Cmnt:</u>	Old Jack Pine									
<u>Rev Spec:</u>	Clear Cut stand and leave 3-5% retention near Clear Lake State Park Headquarters.									
<u>Next Steps:</u>	FMFM will plant stand, No KW weave needed. Leave 3 chain wide open area down East edge full length of stand for a fire break. Then regen survey in 3-5 yrs.									
22	22-JP CCut	43.9	42220 - Natural Jack Pine	6	73	0	Clearcut with Reserves	Regeneration	Planted Jack Pine	
<u>Rev Cmnt:</u>	Old Jack Pine with failed 5 spot cuts in middle of stand.									
<u>Rev Spec:</u>	Clear Cut and leave 3-5% retention.									
<u>Next Steps:</u>	Replant to JP, No KW weave needed. Regen survey in 3-5 yrs.									
27	27 JP-CCut	60.7	42220 - Natural Jack Pine	6	75	0	Clearcut with Reserves	Regeneration	Planted Jack Pine	
<u>Rev Cmnt:</u>	Old Jack Pine and pockets of aspen with Steep slopes down to creek.									
<u>Rev Spec:</u>	Clear cut and leave retention on slopes down to creek. Stay off steep slopes down to creek.									
<u>Next Steps:</u>	Replant to JP and do regen survey in 3-5 yrs.									
41	41-Oak Shelt	33.6	4124 - Red with White Oak	6	82	0	Shelterwood	Regeneration	Red with White Oak	
<u>Rev Cmnt:</u>	Tried 5 spot cuts last entry and the south 2 of the 3 spots failed to regenerate.									
<u>Rev Spec:</u>	Shelterwood cut. Thin overstory to 40-50 BA of mixed oak and red & white pine.									
<u>Next Steps:</u>	Plant mixed pine in understory, and jack pine in 2 south old 5 spot cuts.									
9	54078009- Plant	14.7	42220 - Natural Jack Pine	1	10	0	Machine Plant	Habitat Management		
<u>Rev Cmnt:</u>	Moving fire break opening farther east to maximize size of stand after KW utilizes the area.									
<u>Rev Spec:</u>	Plant for KW when adjacent stand is planted.									
<u>Next Steps:</u>										

**Total Treatment
Acreage Proposed: 357.8**

Standard	Atlanta	Mgt. Unit	PROPOSED TREATMENTS WITH LIMITING FACTORS					Compartment: 78	Entry Yr: 2009	
	Treatment Name	Acres	Stage1 CovType	Size Density	1st Age	2nd Age	Treatment Method	Inventory Method: IFMAP	Treatment Purpose	Cover Type Objective

Limiting Factor
and Comment:

Rev
Cmnt:

No Stands with Limiting Factors

Rev
Spec:

Next
Steps:

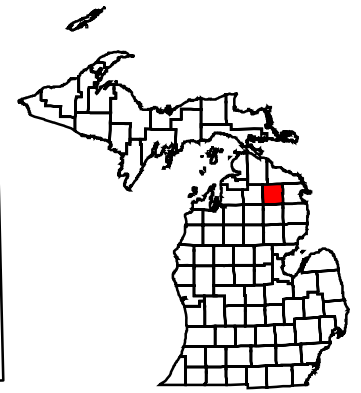
**Total Treatment
Acreage Proposed: 0**

Compartment 78
 T32N, R02E, Sec. 21, 22, 27, 28, 33, 34
 County: Montmorency
 Unit: Atlanta
 YOE: 2009
 Acres: 1,569 GIS Calculated
 Stand Examiner: Cody Stevens
 Map Revised: 8/20/2007
 Map Phase: Pre-review

Field Map

Stand # 23 Stocking Density
 (A) (4120) - 7
 OI Level 3
 Code Level 4
 Cover Type Code

21	22
28	27
33	34



Legend

- Miris Corners
- Federal or Interstate Highway
- County Paved Road
- Paved Road
- Poor Dirt Road
- Intermittent Stream/Drain
- Stream
- Lakes and Rivers All
- State Highway
- Stands
- Shelterwood
- Clearcut with Reserves

Forest Stands

Level 3

- 412 - Oak Types
- 413 - Aspen Types
- 421 - Planted Pines
- 422 - Natural Pines
- 612 - Lowland Coniferous Forest

Non-Forest Stands

Level 3

- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 622 - Lowland Shrub

