



**GAYLORD FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT: 72

ENTRY YEAR: 2008
Compartment Acreage: 1,196
County: Charlevoix – Beaver Island

Revision Date: 3-03-2006

Stand Examiner: Lentz, Barta and Greco

Legal Description: T37N, R10W Sections 3 & 10

Management Goals: To provide for the protection, integrated management and responsible use of a healthy, productive and undiminished forest resource base for the social, recreational, environmental and economic benefit of the State of Michigan.

Soil and Topography: Roscommon-Charlevoix-Mackinac association. Poorly drained. East Lake. Well drained.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Generally State in and around compartment. Small parcel of private in southeast corner of Section 10.

Unique, Natural Features:

Archeological, Historical, and Cultural Features:

Special Management Designations or Considerations:

Watershed and Fisheries Considerations: This compartment borders the north shore of Lake Geneserath. There are numerous wetland stands and flooded marshes within this compartment.

Wildlife Habitat Considerations: The majority of this compartment is wetland or northern hardwoods that have been thinned in the past. Access is a problem for most stands. Management for more diverse structure within the northern hardwoods is a goal for the island as a whole as is creating more early successional habitat. This compartment does not offer a lot of opportunity to achieve these goals through commercial timber harvesting. Non-commercial harvests may be used if necessary.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of lacustrine (lake) sand and gravel and dune sand. The glacial drift thickness is approximately 300 feet based on a well drilled in Section 6. Beneath the glacial drift is the Devonian Detroit River Group. The Detroit River is mined for salt other areas in the State. A gravel pit is located in Section 9 and gravel potential appears to be good. Oil and gas potential appears to be limited. The well in Section 6 was drilled in 1961 as a dry hole down to the Precambrian. None of the State land is currently leased in the compartment.

Vehicle Access: The only vehicle access into this compartment is from East Side Drive, then Fishing Site Road. The trail leading north from there is only accessible for two wheel drive for approximately one-half mile north.

Survey Needs: Some survey may be needed to establish the north property boundary of Section 3.

Recreational Facilities and Opportunities: Lake Geneserath boat access site is in this compartment which can be accessed from the Fishing Site Road off of East Side Drive.

Fire Protection:

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

MACKINAW STATE FOREST

GAYLORD FOREST MGT UNIT

CHARLEVOIX COUNTY

COMPARTMENT: 72

Table 3

(acres shown in boxes)

STAND AGE CLASS

COVER TYPE	Not 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	All Aged	Total
Aspen										15									15
Cedar											195								195
LowInd Brush	129									17									146
LowInd Poplr			13						36										49
Marsh	59																		59
Mx Swmp Cnfr				11					61	299									371
Paper Birch									24										24
Swamp Hrdwds					17	6			40	5								7	75
Tamarack											17								17
Upland Hdwds				4						172	19							50	245
Total	188		13	15	17	6			161	508	231							57	1196

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Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

MACKINAW STATE FOREST

GAYLORD FOREST MGT UNIT

CHARLEVOIX COUNTY

COMPARTMENT: 72

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	15																										15
C Cedar				195																							195
L LowInd Brush									146																		146
P LowInd Poplr										49																	49
N Marsh											59																59
Q Mx Swmp Cnfr												371															371
B Paper Birch																									24		24
E Swamp Hrdwds																				75							75
T Tamarack																						17					17
M Upland Hdwds																								245		245	
Total	15			195					146	49	59	371								75	17				269		1196

MACKINAW STATE FOREST

GAYLORD FOREST MGT UNIT

CHARLEVOIX COUNTY

COMPARTMENT: **72**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	5608 Cds	Hardwood	704 Cds
Hardwood	1956 Mbf	Hardwood	271 Mbf
Softwood	5385 Cds	Softwood	268 Cds
Softwood	676 Mbf	Softwood	47 Mbf
Sum TotVol	16257 Cds	Sum CutVol	1608 Cds
Total Cmpt Acres		Acres Proposed For Cut.....	86
1196			

**Proposed Treatments
With NO Limiting Factors**

Compartment: 72

Entry Year: 2008

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
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Total Acres..... 0

GAYLORD FOREST MGT UNIT

**Proposed Treatments
With Limiting Factors**

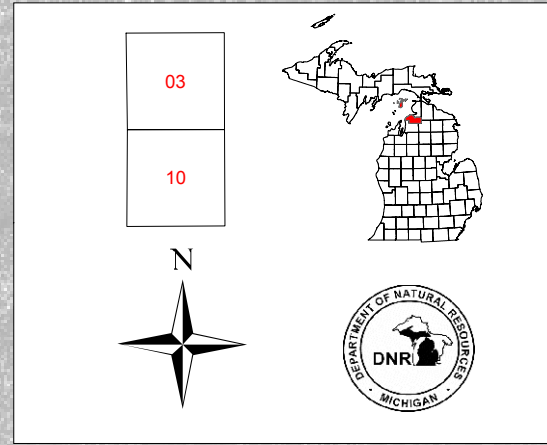
Compartment: 72

Entry Year: 2008

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
2	B6	24	71	50	northern hardwood	mature	final harvest	3		
TREATMENT LIMITING FACTORS: Adjacent landowner denies access No market for species/product										
comnts Fmd : PB OVERSTORY DYING. NICE HM UNDERSTORY MIXED WITH SOME BF. STATE OR PVT. TO NORTH MAY HAVE ACCESS. AREA AROUND STAND IS WET.										
8	T6	17	96	50	tamarack	mature	final harvest	3		
TREATMENT LIMITING FACTORS: Too wet Water quality/bmps Regeneration technology inadequate No market for species/product										
comnts Fmd : LOTS OF DEAD AND DOWN. LOTS OF NON MERCH CEDAR. BRUSH UNDER.										
9	E9	17	71	50	swamp hardwoods	mature	final harvest	3		
TREATMENT LIMITING FACTORS: No market for species/product										
comnts Fmd : CUT WITH ADJACENT APPROVED STANDS. DID NOT SEE STAND TO EAST IN NEXT COMP. ACCESS MAY BE A PROBLEM - ADJACENT STANDS WET.										
15	E9	23	71	50	swamp hardwoods	mature	final harvest	3		
TREATMENT LIMITING FACTORS: No market for species/product										
comnts Fmd : AREAS OF HM REGEN ~ 20 FT TALL. SOME A REGEN NEAR ADJACENT CUT. LOTS OF DEAD AND DOWN.										
37	E9	5	81	55	swamp hardwoods	mature	final harvest	3		
TREATMENT LIMITING FACTORS: No market for species/product										
comnts Fmd : HARVEST WITH ADJACENT APPROVED STANDS. SMALL WET ISLAND IN MIDDLE OF STAND- ASH WITH HOLLY UNDER. MAY HAVE ISSUES WITH ACCESS AND WETNESS IN ADJACENT STANDS.										
Total Acres.....		86								

Field Map

Compartment 72
T37N, R10W, Sec. 3, 10
County: Charlevoix
Unit: Gaylord
YOE: 2008
Acres: 1,196 GIS Calculated
Stand Examiner: Kimberely Lentz,
Richard Barta, Tim Greco
Map Revised: 4/24/2006
Map Phase: Pre-review



Legend

- Miris Corners
- County Gravel Roads
- Poor Dirt Roads
- Stand Boundary
- 100 - Final Harvest

