



**Gladwin Forest Management Unit
Compartment Review Presentation
Compartment #70 Entry Year: 2012
Compartment Acreage: 754 County: Gladwin**

Revision Date: Sept 2010, Oct 2010

Stand Examiner: Steven Nyhoff

Legal Description: T18N, R1E, Section 24, 25, and 36

Identified Planning Goals ('Management Area' or 'RMU', if applicable): None

Management Goals: The compartment has been heavily managed for early successional aspen types over the last 30 years. Currently 93% of the aspen is less than 30 years old and of that 57% is between 20 and 29 years old. The compartment, as a whole, is made up of younger stands with 66% of them being less than 30 years old, 22% being uneven aged, and 22% made up of stands between 30 and 89 years old. The older stands are mainly swamp hardwoods in the river corridors.

The aspen stands that were harvested last Year of Entry (YOE) had mixed results. Some of the stands had areas that failed to regenerate; these areas need to be interplant with conifer to bring them up to full stocking.

Overall management is to continue managing the compartment for the current cover types where possible.

Soil and Topography: The terrain in the compartment is generally flat with minimal topographical relief, except along the Little Molasses River, Black Creek, and the Tittabawassee River. These waterways have associated flood plains bordered by steep banks.

The soils in the compartment are made up of well-drained Croswell and Rubicon Associations (48%); somewhat poorly drained Au Gres and Iosco Associations (34%); and poorly drained Roscommon, Brevort, and Evart-Winterfield Associations (18%). Therefore, 52% of the soils in the compartment have problems with water, at least seasonally.

Ownership Patterns, Development, and Land Use in and Around the Compartment: The state ownership in the compartment is fragmented by numerous small private land owners to the north, west, and south. The private lands are in small ownerships with permanent residences on them, especially along the Tittabawassee River. However, there is state ownership to the east of the compartment.

Unique, Natural Features: There are no records of occurrences and no sites were located during the inventory process.

Archeological, Historical, and Cultural Features: There are no records of occurrences and no sites were located during the inventory process.

Special Management Designations or Considerations: None

Watershed and Fisheries Considerations: Black Creek, The Little Molasses River, and the Tittabawassee River flow through the compartment. These are warm water fisheries. Both the Tittabawassee and Little Molasses River have boating and fishing activity on them.

The treatments that are scheduled for this YOE will not impact the waterways, because the nearest treatment is greater than 100 feet away from the Little Molasses River.

Wildlife Habitat Considerations: This compartment has a long history with ORV issues. Significant administrative progress, with this issue, has occurred since the 2002 YOE. During the spring of 2010, a Land Use Order of the Director was requested and approved which provided legal authority for the installation of two gates on forest trails running immediately north of Maple Point Road. These closures complemented the objectives of this compartment and those immediately to the north. Land management over habitat management was the crucial need of this area for many years. If deemed necessary, camp locations/parking areas were upgraded during the summer of 2010. Selected roads were refurbished to improve both department and general public access.

The Maple Point Road Subdivision functions as an area that traditionally concentrates wintering turkeys. Valuable census information is gained from this location reference spring and fall turkey recommendations. Deer, grouse and woodcock are actively pursued by hunters each fall throughout this compartment.

Approximately 51% of the existing cover type is aspen. Shade intolerant timber management should continue to move toward the establishment of four to five distinct age classes. This is a high priority goal of Wildlife Division with one exception. Age class distribution "regulation standards" should not be achieved at the expense or decline in stem density.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of Lacustrine (lake) sand and gravel. The glacial drift thickness varies between 100 and 200 feet. Beneath the glacial drift is the Pennsylvanian Saginaw Formation. The Saginaw Formation is used for clay/shale in other areas of the State. This area is predominantly sand, and gravel potential in the compartment is considered limited. Very little oil and gas exploration has occurred in this area, and potential is fair. Two large fields are located to the west. Buckeye North Field, discovered in 1936, has produced over 20 million BO from the Dundee. Billings Field, 1950, has produced 946,334 BO primarily from the Detroit River Formation. Most of the Compartment is leased for oil and gas development.

Vehicle Access: The access to the compartment is off Maple Point Road, Whitney Road, and the abandoned Smith Siding RR grade. Overall the access is good. Currently wildlife has been installing gates to control some of the overuse in the compartment.

Survey Needs: Much of the state land is surrounded by state ownership and the private land has been heavily surveyed so no survey is need at the current time.

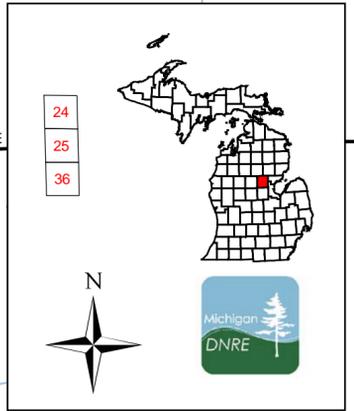
Recreational Facilities and Opportunities: The area is heavily used by the public for hunting, boating, and fishing. It is also use illegally by ORV users. There are no established recreational facilities in the compartment but the Midland to Mackinaw Hiking trail is just to the east.

Fire Protection: The compartment has 52% moist to wet ground so fire danger is moderate. However, because of the high concentration of small private ownership, if a fire did get started the threat to private property is high.

Additional Compartment Information: None

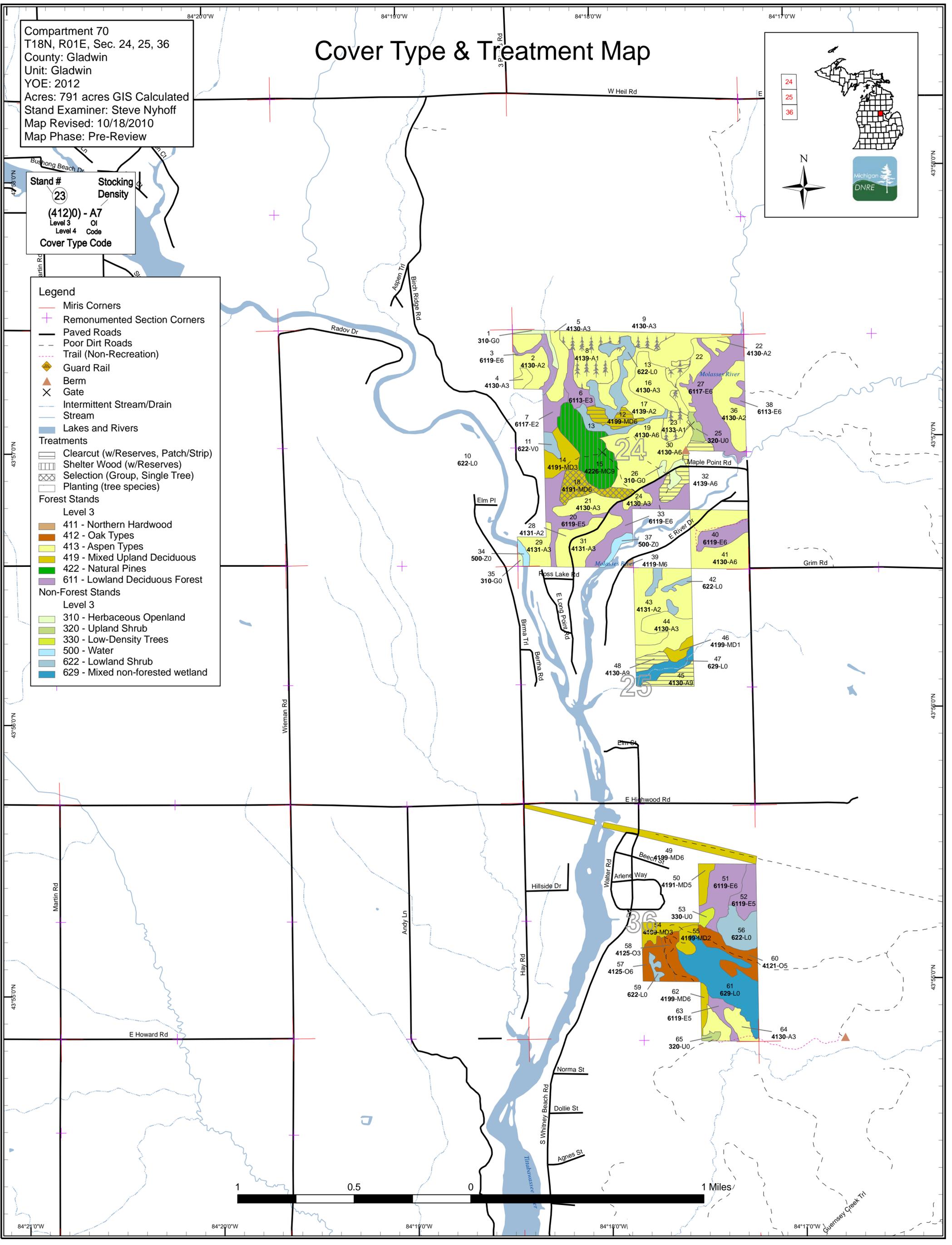
Cover Type & Treatment Map

Compartment 70
 T18N, R01E, Sec. 24, 25, 36
 County: Gladwin
 Unit: Gladwin
 YOE: 2012
 Acres: 791 acres GIS Calculated
 Stand Examiner: Steve Nyhoff
 Map Revised: 10/18/2010
 Map Phase: Pre-Review



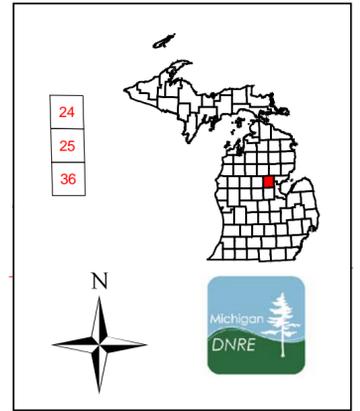
Stand #
 23
Stocking Density
 (412)0 - A7
 Level 3 OI
 Level 4 Code
Cover Type Code

- Legend**
- Miris Corners
 - ✦ Remonumented Section Corners
 - Paved Roads
 - - - Poor Dirt Roads
 - - - Trail (Non-Recreation)
 - ◆ Guard Rail
 - ▲ Berm
 - ✕ Gate
 - Intermittent Stream/Drain
 - Stream
 - Lakes and Rivers
- Treatments**
- ▨ Clearcut (w/Reserves, Patch/Strip)
 - ▨ Shelter Wood (w/Reserves)
 - ▨ Selection (Group, Single Tree)
 - ▨ Planting (tree species)
- Forest Stands**
- Level 3
- 411 - Northern Hardwood
 - 412 - Oak Types
 - 413 - Aspen Types
 - 419 - Mixed Upland Deciduous
 - 422 - Natural Pines
 - 611 - Lowland Deciduous Forest
- Non-Forest Stands**
- Level 3
- 310 - Herbaceous Openland
 - 320 - Upland Shrub
 - 330 - Low-Density Trees
 - 500 - Water
 - 622 - Lowland Shrub
 - 629 - Mixed non-forested wetland



Compartment 70
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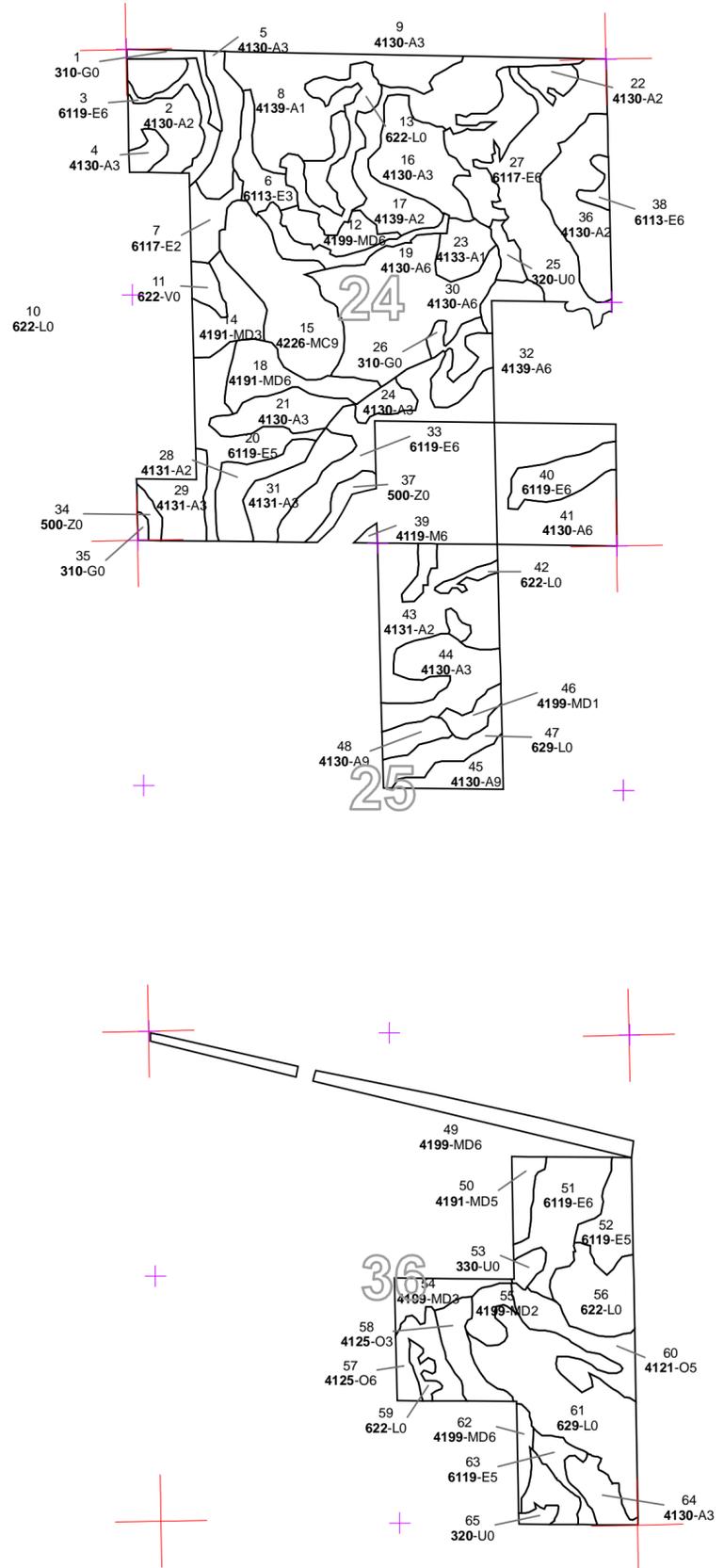
Dedicated & Proposed Special Conservation Area Map



Stand #
 23
Stocking Density
 (412)0 - A7
 Level 3 OI
 Level 4 Code
Cover Type Code

Legend

- Miris Corners
- + Remonumented Section Corners
- Proposed Special Conservation Areas
- ▨ SCA - Special Conservation Area
- ▩ SCA Removal
- ▭ Stand Boundaries
- Forest Stands
- Level 3
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 611 - Lowland Deciduous Forest
- Non-Forest Stands
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- 310 - Herbaceous Openland
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- 330 - Low-Density Trees
- 500 - Water
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84°21'0"W 84°20'0"W 84°19'0"W 84°18'0"W 84°17'0"W

43°57'0"N

43°57'0"N

43°56'0"N

43°55'0"N

43°58'0"N

43°57'0"N

43°56'0"N

43°55'0"N

Table 1 – Total Acres by Cover Type and Age Class

Data updated before 10:00 AM



	Age Class														Total	
	Non-Forested	1-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120 +		Uneven Age
Aspen	0	67	66	206	0	0	6	0	4	12	0	0	0	0	3	364
Bog	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Herbaceous Openland	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Low-Density Trees	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Lowland Deciduous	0	0	15	0	0	0	0	0	17	10	0	0	0	0	100	142
Lowland Shrub	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	90
Mixed Upland Deciduous	0	0	12	11	0	17	0	10	0	3	0	0	0	0	21	75
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	29
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Oak	0	0	8	0	0	0	0	13	0	0	0	0	0	0	10	31
Upland Shrub	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Water	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Total	115	67	101	217	0	17	6	24	20	26	0	0	0	0	163	757



Table 2 – Proposed Treatment Summaries

Data updated before 10:00 AM

Gladwin Mgt. Unit
Year of Entry 2012

Compartment 070
Total Compartment Acres: 757

Acres by Treatment Type

Commercial Harvest - 72	Site Prep - 0	Tree Planting - 47	Prescribed Burn - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 0	Tree Seeding - 0	Pesticide - 0	

Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Aspen	22	0	0	0	0	0	22
Mixed Upland Deciduous	8	13	0	0	0	0	21
Natural Mixed Pines	0	0	0	29	0	0	29
Total	30	13	0	29	0	0	72



Data updated before 10:00 AM

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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
12 73070012-Cut	7.9	4199 - Other Mixed Upland Deciduous	High Density Pole	78	Harvest	Clearcut with Reserves	Other Mixed Upland Deciduous	Cmpt. Review Proposal

Prescription Final harvest to 4" DBH and mark 1-2 trees per acre for retention.

Specs:

Other There are areas in the stand that are wetter so harvest dry or frozen condition.

Comments:

Next The stand is expected to regenerate.

Steps:

15 73070015-Cut	29.2	42260 - Natural Pine, Mixed Deciduous	High Density Log	115	Harvest	Shelterwood	Natural Pine, Mixed Deciduous	Cmpt. Review Proposal
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Prescription Harvest the stand by removing all the hardwoods down to 4" and thin area of dense pine down to 70 sq ft.

Specs:

Other The harvest will yield a stand with variable density.

Comments:

Next The stand is expected to regenerate with a mixture of pines and hardwoods.

Steps:

18 73070018-Cut	12.9	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	88	Harvest	Single Tree Selection	Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
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Prescription Harvest the stand reducing the BA to 80. When marking favor the removal of the larger diameter trees. However, do not eliminate any one species.

Specs:

Other There are areas of wetter ground in the stand so harvest in dry or frozen condition.

Comments:

Next The stand is expected to regenerate as a mixed stand.

Steps:

30 73070030-Cut	3.7	4130 - Aspen	High Density Pole	74	Harvest	Clearcut	Aspen	Cmpt. Review Proposal
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Prescription Final harvest the stand to 2" DBH without reserves, because of the small acreage.

Specs:

Other The private line may be difficult to locate. When harvesting the stand do not use the road to access the harvest, instead use the opening to the west of the stand crossing the road in only on place. The road will have to be restored after the stand is harvested.

Comments:

Next The stand is expected to regenerate to aspen.

Steps:

32 73070032-Cut	6.1	4139 - Aspen, Mixed Deciduous	High Density Pole	50	Harvest	Clearcut with Reserves	Aspen	Cmpt. Review Proposal
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Prescription Final harvest to 2" DBH mark 1 to 2 trees pre acre to retain.

Specs:

Other The boundary to the sale may need to be move into stand 33 to allow the logger room to harvest the slope along the south side of the stand.

Comments:

Next The stand is expected to regenerate to aspen mixed with other hardwoods.

Steps:



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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
8 73070008-Plant	33.9	4139 - Aspen, Mixed Deciduous	Low Density Sapling	26	Tree Planting	Hand Plant	Aspen, Jack Pine	Cmpt. Review Proposal

PrescriptionSpecs:OtherComments:NextSteps:

22 73070022-Plant	5.9	4130 - Aspen	Medium Density Saplin	4	Tree Planting	Hand Plant	Aspen, Mixed Pine	Cmpt. Review Proposal
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Prescription Interplant with red pine the stand to bring up to full stocking.Specs:OtherComments:NextSteps:

23 73070023-Plant	7.3	4133 - Aspen, Mixed Pine	Low Density Sapling	26	Tree Planting	Hand Plant	Planted Jack Pine, Mixed Deciduous	Cmpt. Review Proposal
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Prescription Interplant jack pine to bring the stand to full stocking.Specs:OtherComments:NextSteps:

**Total Treatment
Acreage Proposed: 106.9**

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Data updated before 10:00 AM

Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
45 73070045-Cut	4.7	4130 - Aspen	High Density Log	80	Harvest	Clearcut	Aspen, Mixed Deciduous	Cmpt. Review Proposal

Prescription Specs: Final harvest the stand to 2" DBH leave some retention along the south edge. This retention is to be placed to minimize the disturbance along the upper slope over the intermitten creek. This will address BMP concerns.

Other Comment:

Next Steps: The stand is expected to regenerate to a mixture of aspen, maple, ash and oak.

Limiting Factor and No Treatment Reason 2A: Adjacent landowner denies access

48 73070048-Cut	7.8	4130 - Aspen	High Density Log	80	Harvest	Clearcut with Reserves	Aspen, Mixed Deciduous	Cmpt. Review Proposal
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Prescription Specs: Final harvest the stand to 2" DBH. The retention should be along the north edge of the stand along the top of the ridge along the creek. This retention should be placed to minimize the disturbance and address BMP concederation.

Other Comment:

Next Steps: The stand is expected to regenerate to aspen, maple, ash and oak.

Limiting Factor and No Treatment Reason 2A: Adjacent landowner denies access

Total Treatment Acreage Proposed: 12.4

Data updated before 10:00 AM

Out of YOE -- Treatments
Prescribed with No Limiting Factor

Year of Entry: 2012



Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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Prescription
Specs:

Other
Comments:

Next
Steps:

**Total Treatment
Acreage Proposed: 0**

Stand	Gladwin Mgt. Unit		5 – Forested Stands			Compartment: 070	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2012	
2	4130 - Aspen	Medium Density	16.3	4			The balsam popular in the stand is in the depression. Overall, the stand has regenerated well with inclusion of fern openings.
3	6119 - Mixed Lowland Deciduous Forest	High Density Pole	5.9	Uneven Age	81-110		There is an intermittent creek that flows through the stand.
4	4130 - Aspen	High Density Sapling	2.9	Uneven Age			The birch was left in the stand and is now declining.
5	4130 - Aspen	High Density Sapling	9.5	18			
6	6113 - Lowland Maple	High Density Sapling	8.2	15			The stand gets wetter going north. Overall the stand is a matrix of upland and lowland with the lowland being about 60%.
7	6117 - Lowland Deciduous, Mixed Coniferous	Medium Density	6.8	14			Stand swapped from Non-Forested to Forested. The stand is a mixture of upland and lowland with the lowland being the majority. The stand has a ridge going E/W at about the center of the stand.
8	4139 - Aspen, Mixed Deciduous	Low Density Sapling	33.9	26			The stand is sparse and has inclusions of lowland. The lowlands are in small patches often less than 1 acre in size.
9	4130 - Aspen	High Density Sapling	5.5	26			New stand added. The stand is a matrix of upland and lowland with the upland being about 75%.
12	4199 - Other Mixed Upland Deciduous	High Density Pole	7.9	Uneven Age			The stand is variable in size going from saw logs to saplings.
14	4191 - Mixed Upland Deciduous with Conifer	High Density Sapling	11.5	23			The stand is a matrix of upland and lowland with the upland being the majority.
15	42260 - Natural Pine, Mixed Deciduous	High Density Log	29.2	Uneven Age	81-110		This stand is a natural red and white pine stand. The area has a mixture of hardwoods, mainly aspen and oak. There is some regeneration of oak and pine in the understory.
16	4130 - Aspen	High Density Sapling	18.5	26			The maple in the stand is located in slight depressions. The oak in the stand was left when the aspen was harvested.
17	4139 - Aspen, Mixed Deciduous	Medium Density	27.2	26			New stand added. The stand is mainly upland with some inclusions of lowland. The regeneration is patchy.
18	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	12.9	Uneven Age	111-140		This stand is somewhat wet but could be operable in dry or frozen condition.
19	4130 - Aspen	High Density Pole	41.8	25			The stand is a matrix of upland and lowland with the lowland being about 35%. There are inclusions of upland G-type also present.
20	6119 - Mixed Lowland Deciduous Forest	Medium Density Pole	16.8	78	81-110		New stand added. The stand lies along an intermittent drainage.



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Gladwin Mgt. Unit

5 – Forested Stands

Data updated before 10:00 AM

Compartment: 070
Year of Entry: 2012

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
21	4130 - Aspen	High Density Sapling	11.0	23		
22	4130 - Aspen	Medium Density	19.7	4		The balsam popular in the stand is in the depression. Overall, the stand has regenerated well with inclusion of fern openings.
23	4133 - Aspen, Mixed Pine	Low Density Sapling	7.3	26		The stand has regenerated poorly and what regeneration is present is patchy.
24	4130 - Aspen	High Density Sapling	4.1	25		Some overstory oaks and white pines were left when the stand was harvested.
27	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	35.6	Uneven Age	81-110	The stand is variable with some of the species being in pockets. The green ash, basswood, red maple are uniformly distributed, the aspen is on the upper slopes, cedar and white pine are in pockets of less than 5 acres.
28	4131 - Aspen, Oak	Medium Density	10.1	4		The east half regenerated well the west half regenerated poorly. Also when the stand was harvest all pine was left in a buffer along Maple Point Rd, in addition some oak and larger white pine were left in the sale.
29	4131 - Aspen, Oak	High Density Sapling	9.5	25		The stand has regenerated well and should be a nice pole stand in 10 years. There was a narrow buffer left along the ridge top above the river on the west side of the stand. This area is only 1 to 2 acres at most in size.
30	4130 - Aspen	High Density Pole	3.7	74	51-80	
31	4131 - Aspen, Oak	High Density Sapling	12.1	15		Some overstory red oaks and white pines were left when the stand was harvested. The stand has heavy witch hazel in areas.
32	4139 - Aspen, Mixed Deciduous	High Density Pole	6.1	50	81-110	The stand is mainly quaking aspen with some bigtooth aspen, red maple and mixed oaks.
33	6119 - Mixed Lowland Deciduous Forest	High Density Pole	22.2	Uneven Age	81-110	The stand is lowland because of a high water table. It sits between a ridge and the river. There are numerous springs present most are not currently flowing.
36	4130 - Aspen	Medium Density	20.8	4		The stand is upland for the most part, but there are inclusions of lowland.
38	6113 - Lowland Maple	High Density Pole	2.2	Uneven Age	81-110	This stand is in a depression.
39	4119 - Mixed Northern Hardwoods	High Density Pole	0.7	Uneven Age	81-110	
40	6119 - Mixed Lowland Deciduous Forest	High Density Pole	10.1	Uneven Age	81-110	The stand is a broad drainage and is too wet to harvest.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
41	4130 - Aspen	High Density Pole	29.6	25	1-50	The stand is a good site index and will be a candidate for early harvest in 10 years.
43	4131 - Aspen, Oak	Medium Density	31.8	16		The stand is a matrix of upland and lowland with the lowland being about 20%. The regeneration is patchy having good density on the ridges and moderate to poor in the lowland.
44	4130 - Aspen	High Density Sapling	17.3	24		
45	4130 - Aspen	High Density Log	4.7	80	81-110	The stand is on a ridge over looking a creek. The aspen is overmature and there is good advanced regeneration of red maple.
46	4199 - Other Mixed Upland Deciduous	Low Density Sapling	4.0	15		The stand was cleared by beaver activity. It is now mainly a bracken fern field with some choke cherry.
48	4130 - Aspen	High Density Log	7.8	80	111-140	The stand is land locked.
49	4199 - Other Mixed Upland Deciduous	High Density Pole	17.3	40		This stand is an old RR grade that is ditched on 2 sides.
50	4191 - Mixed Upland Deciduous with Conifer	Medium Density Pole	5.0	65	1-50	
51	6119 - Mixed Lowland Deciduous Forest	High Density Pole	18.9	Uneven Age	81-110	
52	6119 - Mixed Lowland Deciduous Forest	Medium Density Pole	10.4	80	1-50	The stand is very wet and has inclusion of tag alder and willow openings. The site index appears to be low estimated around 40 to 45.
54	4199 - Other Mixed Upland Deciduous	High Density Sapling	7.6	16		New stand added. The stand has regenerated well.
55	4199 - Other Mixed Upland Deciduous	Medium Density	5.4	65		The stand is a matrix of upland and lowland with the upland being the majority. There are inclusions of V-Type in the stand.
57	4125 - Black, N. Pin Oak	High Density Pole	9.6	Uneven Age		The stand is mostly upland with the lowland being in a drainage going north of an L-Type.
58	4125 - Black, N. Pin Oak	High Density Sapling	8.4	16		The stand is regenerating well. It is on a ridge.
60	4121 - Oak, Aspen	Medium Density Pole	13.5	65	1-50	The stand's density is variable, there are numerous openings scattered in the stand.
62	4199 - Other Mixed Upland Deciduous	High Density Pole	3.3	87	51-80	The stand boundary will be difficult to place. When the stand was inventoried no corners were found, so a survey will be needed to establish the private line. There is an old cedar post fence but most of the posts near the corner are down.

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Gladwin Mgt. Unit

5 – Forested Stands

Compartment: 070

Year of Entry: 2012



Data updated before 10:00 AM

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
63	6119 - Mixed Lowland Deciduous Forest	Medium Density Pole	4.8	Uneven Age	51-80	The stand is along a drainage that has intermittent beaver activities.
64	4130 - Aspen	High Density Sapling	12.7	16		The stand has some lowland areas and areas that are grassy openings.



Stand	Cover Type	Acres	Gen Cmts:
1	3105 - Mixed Upland Herbaceous	3.4	The stand has chest high braken fern.
10	6220 - Alder/willow	14.4	
11	6225 - Bog	3.3	The bog has a significant amount of lowland shrubs in it.
13	6220 - Alder/willow	7.1	
25	3202 - Autumn Olive/Honeysuckle	3.3	
26	3105 - Mixed Upland Herbaceous	4.5	
34	50 - Water	2.0	river
35	3105 - Mixed Upland Herbaceous	0.7	
37	50 - Water	3.6	
42	6220 - Alder/willow	5.7	
47	629 - Mixed non-forested wetland	8.2	The stand is an intermittent creek that has had beaver activities in the past.
53	3303 - Mixed Low Density Trees	2.4	New stand added. Stand swapped from Forested to Non-Forested.
56	6220 - Alder/willow	15.0	
59	6220 - Alder/willow	2.3	The stand is very dense.
61	629 - Mixed non-forested wetland	37.5	
65	3202 - Autumn Olive/Honeysuckle	1.6	



7 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

Data updated before 10:00 AM

Stand	SCA Type	SCA Name	Acres	Comments
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8 – DEDICATED CONSERVATION AREA DETAILS

* This is a list of Dedicated Biodiversity Areas for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to Dedicated Conservation Area Map for areas that the below listed Conservation Areas are located.

Data updated before 10:00 AM

ERA = Ecological Reference Area
HCVA = High Conservation Value Area
SCA = Special Conservation Area

Conservation Area	Type	Description
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