



ATLANTA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION
COMPARTMENT 046 ENTRY YEAR: 2013

Compartment Acreage: 2250 County: Montmorency

Revision Date: October 27, 2011

Stand Examiner: Barber

Legal Description: T31N, R2E, Sec. 13, 14, 23 & 24

RMU (if applicable): Thunder Bay Outwash MA

Management Goals: Mostly oak and aspen management.

Soil and Topography: Often hilly, sandy to loamy sand. PArVHa/PArVVb.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Mostly other state land, some hunting camps and residences.

Unique, Natural Features (include only non-site specific and non-sensitive information): One or more occurrences have been reported for this compartment.

Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information): None Reported.

Special Management Designations or Considerations: None.

Watershed and Fisheries Considerations: No special considerations exist for this compartment.

Wildlife Habitat Considerations: Compartment 46 is heavy to aspen and oak as a result of past management and provides habitat for several featured species including white-tailed deer, ruffed grouse, American woodcock, black bear, elk, and multiple songbird species. There are several openings which will be maintained through mowing or food and cover plantings, thereby providing habitat for wildlife. Timber harvests in aspen should provide a variety of age classes and retain woody debris for use by grouse and other wildlife. If oak types are managed, they should retain larger crowned oak to provide a food source for wildlife.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium and coarse-textured glacial till. The glacial drift thickness varies between 400 and 600 feet. Beneath the glacial drift is the Devonian Antrim Shale. The Antrim is quarried for clay/shale elsewhere in the State. Gravel pits are located in Sections 14 and 23, and potential is considered to be good. This area has been drilled and is producing gas from the Antrim Shale.

Vehicle Access: Roads to be closed are shown on the compartment map as closed or abandoned.

Survey Needs: Surveying will be required for timber sale preparation.

Recreational Facilities and Opportunities: ORV trails, ORV routes, MCCCT, and snowmobile trails all run through this compartment.

Fire Protection: The Atlanta DNR office is only a few miles away.

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**

Cover Type & Treatment Map

Compartment 46
 T31N, R02E, Sec. 13-14, 23-24
 County: Montmorency
 Unit: Atlanta
 YOE: 2013
 Acres: 2,250 GIS Calculated
 Stand Examiner: Richard Barber
 Map Revised: 8/11/2011
 Map Phase: Pre-Review

Legend

- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Closed Roads
- Pipe
- Power
- Intermittent Stream/Drain
- Stream
- Lakes and Rivers
- Bike Trails
- Hiking Trails
- MCCCT Trails
- Motorcycle Trails(SOS License)
- ORV Routes
- ORV Trails
- Ski Trails
- Snowmobile Trails
- Bike Trail
- MCCCT Trail
- Motorcycle (SOS License)
- ORV Route
- ORV Trail
- Snowmobile Trail
- Hiking Trail
- Ski Trail
- State Forest Land

Treatments

- Clearcut (w/Reserves, Patch/Strip)
- Thinning (Crown, Low, Systematic)
- Mowing
- Other Treatment - See Comments

Forest Stands

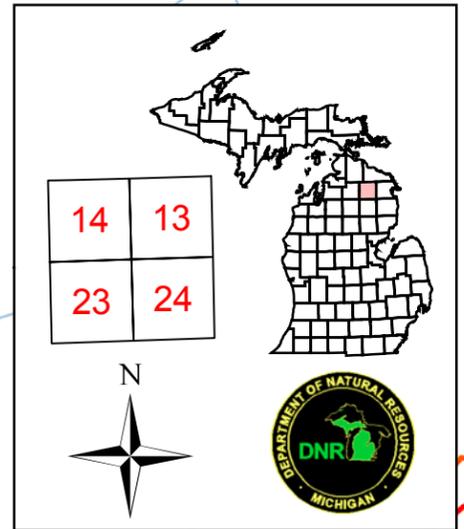
Level 3

- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 431 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest

Non-Forest Stands

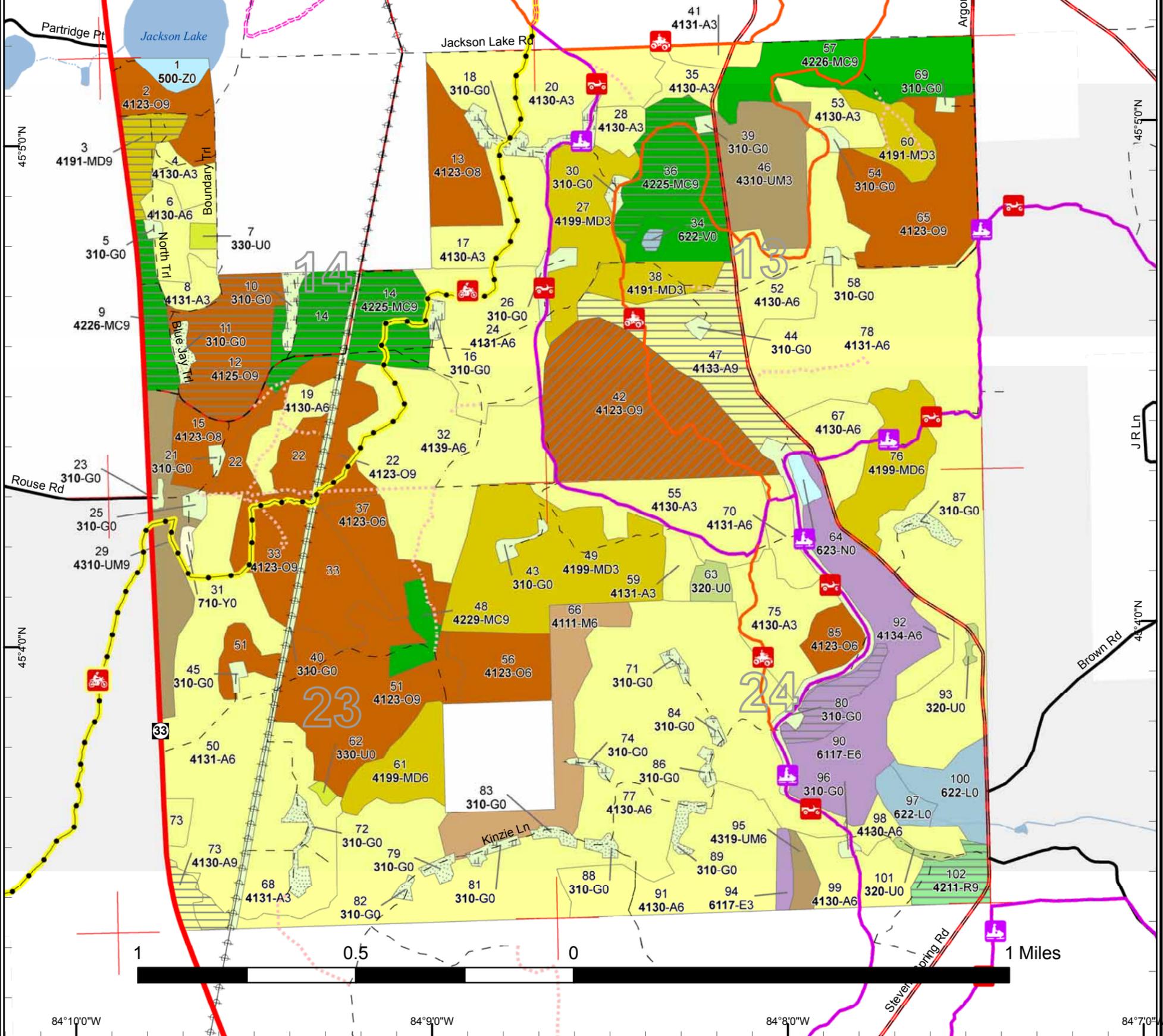
Level 3

- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low-Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 710 - Sand, Soil



Stand #
 23

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



Stand Boundary Map

Compartment 46
 T31N, R02E, Sec. 13-14, 23-24
 County: Montmorency
 Unit: Atlanta
 YOE: 2013
 Acres: 2,250 GIS Calculated
 Stand Examiner: Richard Barber
 Map Revised: 8/11/2011
 Map Phase: Pre-Review

Legend

- Miris Corners
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Closed Roads
- Pipe
- Power
- Intermittent Stream/Drain
- Stream
- Bike Trails
- Hiking Trails
- MCCCT Trails
- Motorcycle Trails(SOS License)
- ORV Routes
- ORV Trails
- Ski Trails
- Snowmobile Trails
- Bike Trail
- Hiking Trail
- Ski Trail
- MCCCT Trail
- Motorcycle (SOS License)
- ORV Route
- ORV Trail
- Snowmobile Trail

Stand Boundaries

Forest Stands

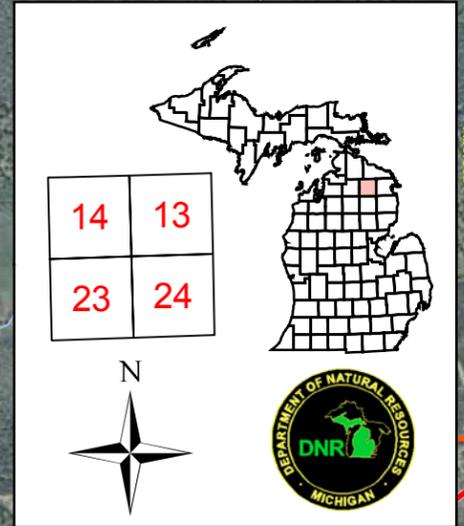
Level 3

- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 431 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest

Non-Forest Stands

Level 3

- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low-Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 710 - Sand, Soil



Stand # 23 **Stocking Density**

(412)0 - A7
 Level 3 OI
 Level 4 Code
Cover Type Code

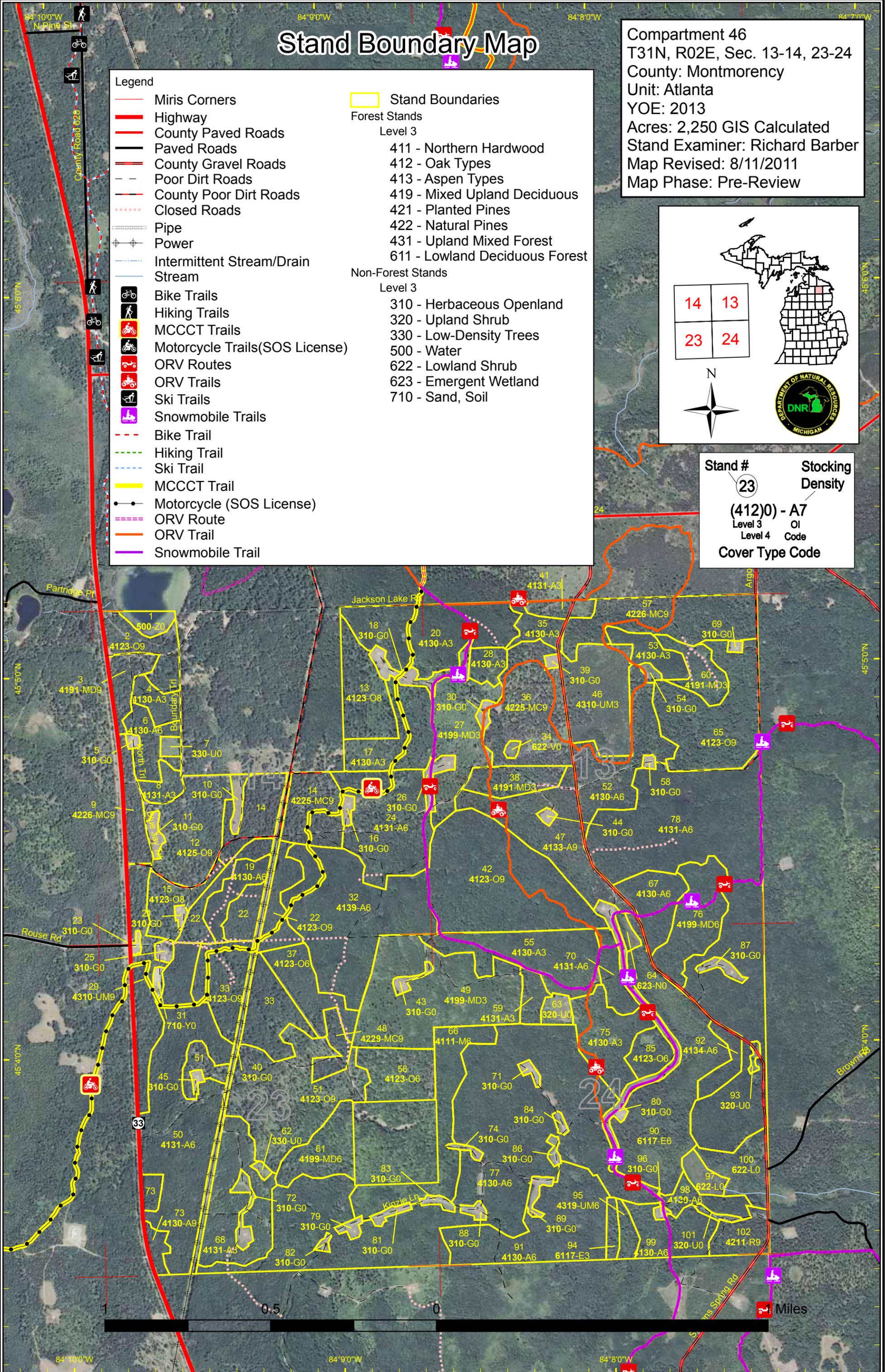


Table 1 – Total Acres by Cover Type and Age Class



	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 +		Unretn Age
Aspen	0	0	108	207	448	250	39	0	44	9	0	0	0	0	0	1104
Bog	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Herbaceous Openland	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	95
Low-Density Trees	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Lowland Deciduous	0	0	0	0	0	4	0	0	0	75	0	0	0	0	0	79
Lowland Shrub	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
Marsh	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Mixed Upland Deciduous	0	0	90	47	0	0	0	0	0	63	0	0	0	0	0	200
Natural Mixed Pines	0	0	0	0	45	0	0	0	47	65	0	0	0	0	0	157
Northern Hardwood	0	0	0	0	37	0	0	0	0	0	0	0	0	0	0	37
Oak	0	0	0	0	21	0	0	10	200	157	54	0	0	0	0	443
Red Pine	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	13
Sand, Soil	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Upland Mixed Forest	0	0	39	0	0	5	0	0	0	29	0	0	0	0	0	74
Upland Shrub	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Water	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Total	143	0	237	255	551	259	39	10	292	411	54	0	0	0	0	2250



Table 2 – Proposed Treatment Summaries

Atlanta Mgt. Unit
Year of Entry 2013

Compartment 046
Total Compartment Acres: 2250

Acres by Treatment Type

Commercial Harvest - 305	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 44	Tree Seeding - 0	Pesticide - 0	

Cover Type by Harvest Method

		Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Aspen	52	0	0	0	0	0	0	52
Lowland Deciduous	12	0	0	0	0	0	0	12
Mixed Upland Deciduous	11	0	0	0	0	0	0	11
Natural Mixed Pines	94	0	0	0	0	0	0	94
Oak	38	0	0	0	85	0	0	123
Red Pine	13	0	0	0	0	0	0	13
Total	220	0	0	0	85	0	0	305



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
3	54046003- CCR	11.4	4191 - Mixed Upland Deciduous with Conifer	High Density Log	80	Harvest	Clearcut with Reserves	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
<u>Prescription</u> Mark to leave one CLUMP of 2-4 mature oak per acre, plus a few red pine. Do not cut white pine or white oak. Use 2" spec except on oak <u>Specs:</u> Acceptable regeneration is any combination of conifer, aspen and oak resulting in a well stocked stand.. Leave 3-10% of stand area as retention, at north end of stand. <u>Other</u> <u>Comments:</u> <u>Next</u> <u>Steps:</u>									
9	54046009- CCR	13.7	42260 - Natural Pine, Mixed Deciduous	High Density Log	80	Harvest	Clearcut with Reserves	42260 - Natural Pine, Mixed Deciduous	Cmpt. Review Proposal
<u>Prescription</u> Mark to leave one CLUMP of 2-4 mature oak per acre, plus a few red pine. Do not cut white pine or white oak. Use 2" spec except on oak. <u>Specs:</u> Shortwood to protect advanced oak regeneration. Acceptable regeneration is any combination of conifer, aspen and oak resulting in a well stocked stand.. Leave 3-10% of stand area as retention, strategically located in south to reduce visual concerns. <u>Other</u> <u>Comments:</u> <u>Next</u> <u>Steps:</u>									
12	54046012- CCR	37.8	4125 - Black, N. Pin Oak	High Density Log	79	Harvest	Clearcut with Reserves	4125 - Black, N. Pin Oak	Cmpt. Review Proposal
<u>Prescription</u> Do not cut white pine or red pine. Use 2" spec except on oak. Shortwood to protect advanced oak regeneration. Leave 3-10% of stand area as retention, located to reduce visual concerns from M-33. Acceptable regeneration is any combination of conifer, aspen and oak resulting in a well stocked stand. <u>Specs:</u> <u>Other</u> <u>Comments:</u> <u>Next</u> <u>Steps:</u>									
14	54046014- CCR	42.8	42250 - Pine, Oak	High Density Log	81	Harvest	Clearcut with Reserves	4123 - Red Oak	Cmpt. Review Proposal
<u>Prescription</u> Do not cut white pine. Use 2" spec except on oak. Shortwood to protect advanced oak regeneration. Leave 3-10% of stand area as retention. <u>Specs:</u> Acceptable regeneration is any combination of pine, aspen and oak resulting in a well stocked stand. <u>Other</u> Use standard trail specs. <u>Comments:</u> <u>Next</u> Scarify and plant red pine if regen fails. <u>Steps:</u>									
36	54046036- CCR	37.4	42250 - Pine, Oak	High Density Log	78	Harvest	Clearcut with Reserves	42110 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Do not cut white pine or white oak, if present. Use 2" spec except for oak regen.. No skidding through heavy oak regen areas. Outside of heavy oak regen areas, site prep and plant red pine. Acceptable regeneration is any combination of red pine and red oak resulting in a well stocked stand(s).. Do not leave retention as this is a plantation. <u>Specs:</u> <u>Other</u> BA after 2007 thinning ranges 20-200. Use standard trail specs. May need to move trail into stand to the north. <u>Comments:</u> <u>Next</u> Outside of heavy oak regen areas, site prep and plant red pine. <u>Steps:</u>									



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
42	54046042-CT	85.2	4131 - Aspen, Oak	High Density Log	85	Harvest	Crown Thinning	4121 - Oak, Aspen	Cmpt. Review Proposal

Prescription Crop tree release red oak to 80-90 BA. Do not cut red pine or white pine, where present. Use standard trail specs.

Specs:

Other

Comments:

Next

Steps:

47	54046047-CCR	44.4	4133 - Aspen, Mixed Pine	High Density Log	78	Harvest	Clearcut with Reserves	4133 - Aspen, Mixed Pine	Cmpt. Review Proposal
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Prescription Do not cut white pine or oak, if present. Protect oak and white pine regen. Leave several large clumps of red pine for visual concerns. Leave 3-10% of stand area as retention. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole. Acceptable regeneration is any combination of native tree species resulting in a medium or well stocked stand. Use standard trail specs.

Other

Comments:

Next

Steps:

73	54046073-CCR	7.6	4130 - Aspen	High Density Log	80	Harvest	Clearcut with Reserves	4136 - Aspen, Mixed Conifer	Cmpt. Review Proposal
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Prescription Leave 3-10% of stand area as retention. Location will be the north piece of the stand. Acceptable regeneration is any combination of native tree species resulting in a medium or well stocked stand.

Other

Comments:

Next

Steps:

90	54046090-CCR	12.1	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	81	Harvest	Clearcut with Reserves	6117 - Lowland Deciduous, Mixed Coniferous	Cmpt. Review Proposal
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Prescription Do not cut white-cedar or hemlock, if present. Exclude from sale areas expected to be inoperably wet, such as a north-south running central drainage. Leave 3-10% of stand area as retention. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole. Acceptable regeneration is any combination of native tree species resulting in a medium or well stocked stand. Use standard trail specs.

Other

Comments:

Next

Steps:

102	54046102-CCR	12.8	42110 - Planted Red Pine	High Density Log	80	Harvest	Clearcut with Reserves	42110 - Planted Red Pine	Cmpt. Review Proposal
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Prescription Do not cut oak or white pine, if present. Do not leave retention are. Use 2" spec. Require chipping of tops. Leave 3-10% of stand area as retention. Location will be south east of Steven Springs Road. Site prep and plant red pine. Acceptable regeneration is red pine resulting in a medium or well stocked stand. Use standard trail specs, if sale will affect trail.

Other

Comments:

Next

Steps:



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
10	NF_54046010- NonFor	3.7	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through planting to food and cover crops for wildlife									
<u>Specs:</u>									
<u>Other</u>									
<u>Comments:</u>									
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation or shorter									
<u>Steps:</u>									
11	NF_54046011- NonFor	3.0	Non-Forested		0	Non-Forest Management	Mowing	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through mowing for wildlife									
<u>Specs:</u>									
<u>Other</u>									
<u>Comments:</u>									
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation or shorter									
<u>Steps:</u>									
16	NF_54046016- NonFor	1.9	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through planting to food and cover crops for wildlife									
<u>Specs:</u>									
<u>Other</u>									
<u>Comments:</u>									
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation or shorter									
<u>Steps:</u>									
18	NF_54046018- NonFor	9.1	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through mowing and/or planting to food and cover crops for wildlife									
<u>Specs:</u>									
<u>Other</u>									
<u>Comments:</u>									
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation or shorter									
<u>Steps:</u>									
30	NF_54046030- NonFor	1.8	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through planting to food and cover crops for wildlife									
<u>Specs:</u>									
<u>Other</u>									
<u>Comments:</u>									
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation or shorter									
<u>Steps:</u>									
71	NF_54046071- NonFor	1.6	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through planting to food and cover crops for wildlife									
<u>Specs:</u>									
<u>Other</u>									
<u>Comments:</u>									
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation or shorter									
<u>Steps:</u>									



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
72	NF_54046072- NonFor	4.3	Non-Forested		0	Non-Forest Management	Mowing	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through mowing for wildlife									
<u>Specs:</u>									
<u>Other</u>									
<u>Comments:</u>									
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation									
<u>Steps:</u>									
74	NF_54046074- NonFor	1.3	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through planting to food and cover crops for wildlife									
<u>Specs:</u>									
<u>Other</u>									
<u>Comments:</u>									
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation									
<u>Steps:</u>									
79	NF_54046079- NonFor	2.0	Non-Forested		0	Non-Forest Management	Mowing	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through mowing for wildlife									
<u>Specs:</u>									
<u>Other</u>									
<u>Comments:</u>									
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation or shorter									
<u>Steps:</u>									
81	NF_54046081- NonFor	2.1	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through planting to food and cover crops for wildlife									
<u>Specs:</u>									
<u>Other</u>									
<u>Comments:</u>									
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation or shorter									
<u>Steps:</u>									
82	NF_54046082- NonFor	1.0	Non-Forested		0	Non-Forest Management	Mowing	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through mowing for wildlife									
<u>Specs:</u>									
<u>Other</u>									
<u>Comments:</u>									
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation or shorter									
<u>Steps:</u>									
83	NF_54046083- NonFor	1.8	Non-Forested		0	Non-Forest Management	Mowing	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through mowing for wildlife									
<u>Specs:</u>									
<u>Other</u>									
<u>Comments:</u>									
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation or shorter									
<u>Steps:</u>									



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
84	NF_54046084- NonFor	1.2	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through planting to food and cover crops for wildlife									
<u>Specs:</u>									
<u>Other</u>									
<u>Comments:</u>									
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation or shorter									
<u>Steps:</u>									
86	NF_54046086- NonFor	1.5	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through planting to food and cover crops for wildlife									
<u>Specs:</u>									
<u>Other</u>									
<u>Comments:</u>									
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation or shorter									
<u>Steps:</u>									
87	NF_54046087- NonFor	2.9	Non-Forested		0	Non-Forest Management	Mowing	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through mowing for wildlife									
<u>Specs:</u>									
<u>Other</u>									
<u>Comments:</u>									
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation or shorter									
<u>Steps:</u>									
88	NF_54046088- NonFor	1.8	Non-Forested		0	Non-Forest Management	Mowing	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through mowing for wildlife									
<u>Specs:</u>									
<u>Other</u>									
<u>Comments:</u>									
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation									
<u>Steps:</u>									
89	NF_54046089- NonFor	2.8	Non-Forested		0	Non-Forest Management	Mowing	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through mowing for wildlife									
<u>Specs:</u>									
<u>Other</u>									
<u>Comments:</u>									
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation or shorter									
<u>Steps:</u>									
Total Treatment									
Acreage Proposed: 348.8									

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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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#Error

Prescription
Specs:

Other
Comment:

Next
Steps:

Limiting Factor and No
Treatment Reason

Total Treatment
Acreage Proposed: 0

Out of YOE -- Treatments
Prescribed with No Limiting Factor

Year of Entry: 2013



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**

S t a n d	Atlanta Mgt. Unit		5 – Forested Stands			Compartment: 046	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2013	
2	4123 - Red Oak	High Density Log	18.4	79	51-80		On edge of Jackson Lake.
3	4191 - Mixed Upland Deciduous with Conifer	High Density Log	11.4	80	81-110		
4	4130 - Aspen	High Density Sapling	8.7	16			
6	4130 - Aspen	High Density Pole	14.1	33	1-50		
8	4131 - Aspen, Oak	High Density Sapling	6.8	16			New stand added.
9	42260 - Natural Pine, Mixed Deciduous	High Density Log	13.7	80			
12	4125 - Black, N. Pin Oak	High Density Log	37.8	79	51-80		New stand added.
13	4123 - Red Oak	Medium Density Log	25.6	83	51-80		New stand added.
14	42250 - Pine, Oak	High Density Log	42.8	81	51-80		New stand added.
15	4123 - Red Oak	Medium Density Log	14.7	79	51-80		Thinned 1997, removing aspen, maple, jack pine.
17	4130 - Aspen	High Density Sapling	28.7	17			New stand added.
19	4130 - Aspen	High Density Pole	12.3	37	51-80		New stand added.
20	4130 - Aspen	High Density Sapling	51.9	27	1-50		
22	4123 - Red Oak	High Density Log	36.2	79	81-110		
24	4131 - Aspen, Oak	High Density Pole	50.0	36	1-50		
27	4199 - Other Mixed Upland Deciduous	High Density Sapling	34.2	25			
28	4130 - Aspen	High Density Sapling	7.1	17			New stand added.
29	4310 - Pine, Oak Mix	High Density Log	28.9	81	51-80		Long narrow stand down the edge of M-33.



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Atlanta Mgt. Unit

5 – Forested Stands

Compartment: 046
Year of Entry: 2013

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
32	4139 - Aspen, Mixed Deciduous	High Density Pole	81.5	37	1-50	New stand added.
33	4123 - Red Oak	High Density Log	46.7	81	51-80	Removed all but oak and pine in 1997.
35	4130 - Aspen	High Density Sapling	8.8	17		
36	42250 - Pine, Oak	High Density Log	47.1	78	81-110	
37	4123 - Red Oak	High Density Pole	21.0	36	1-50	
38	4191 - Mixed Upland Deciduous with Conifer	High Density Sapling	14.7	17		New stand added.
41	4131 - Aspen, Oak	High Density Sapling	6.7	17	1-50	New stand added.
42	4123 - Red Oak	High Density Log	85.2	85	111-140	
46	4310 - Pine, Oak Mix	High Density Sapling	39.5	15	1-50	
47	4133 - Aspen, Mixed Pine	High Density Log	44.4	78	81-110	New stand added.
48	42290 - Natural Mixed Pine	High Density Log	8.4	81	81-110	Thinned in 2006.
49	4199 - Other Mixed Upland Deciduous	High Density Sapling	75.1	17		
50	4131 - Aspen, Oak	High Density Pole	95.3	26	51-80	
51	4123 - Red Oak	High Density Log	71.1	75	51-80	Thinned in 2008.
52	4130 - Aspen	High Density Pole	37.4	41	1-50	
53	4130 - Aspen	High Density Sapling	11.7	26	1-50	
55	4130 - Aspen	High Density Sapling	41.2	27	1-50	New stand added.
56	4123 - Red Oak	High Density Pole	22.1	70	51-80	Aspen removed in 2008. Strong northern hardwood component.

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Atlanta Mgt. Unit

5 – Forested Stands

Compartment: 046

Year of Entry: 2013



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
57	42260 - Natural Pine, Mixed Deciduous	High Density Log	45.2	34	51-80	
59	4131 - Aspen, Oak	High Density Sapling	7.0	27		
60	4191 - Mixed Upland Deciduous with Conifer	High Density Sapling	13.3	26	1-50	New stand added.
61	4199 - Other Mixed Upland Deciduous	High Density Pole	21.4	81	51-80	WP stumps to 40".
65	4123 - Red Oak	High Density Log	54.1	96	51-80	Thinned 1984.
66	4111 - S.Maple, Hard Mast Association	High Density Pole	37.3	36	1-50	
67	4130 - Aspen	High Density Pole	19.3	41	1-50	New stand added.
68	4131 - Aspen, Oak	High Density Sapling	41.0	17		New stand added.
70	4131 - Aspen, Oak	High Density Pole	10.9	50	51-80	New stand added.
73	4130 - Aspen	High Density Log	8.9	80	111-140	
75	4130 - Aspen	High Density Sapling	27.7	50	1-50	New stand added.
76	4199 - Other Mixed Upland Deciduous	High Density Pole	30.1	83	1-50	aspen removed in 1974
77	4130 - Aspen	High Density Pole	216.4	36	51-80	
78	4131 - Aspen, Oak	High Density Pole	172.0	41	1-50	
85	4123 - Red Oak	High Density Pole	9.8	60	51-80	
90	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	74.7	81	51-80	A long, broad trough which transitions from barely upland to knee boots. Lots of windthrow and coarse debris.
91	4130 - Aspen	High Density Pole	54.2	36	51-80	
92	4134 - Aspen, Spruce/Fir	High Density Pole	8.6	37	51-80	pockets of nearly pure balsam fir.

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Atlanta Mgt. Unit

5 – Forested Stands

Compartment: 046

Year of Entry: 2013



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
94	6117 - Lowland Deciduous, Mixed Coniferous	High Density Sapling	4.2	43		Much standing water.
95	4319 - Mixed Upland Forest	High Density Pole	5.2	43	1-50	New stand added.
98	4130 - Aspen	High Density Pole	10.4	37	51-80	
99	4130 - Aspen	High Density Pole	21.3	43	51-80	
102	42110 - Planted Red Pine	High Density Log	12.8	80	111-140	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
1	50 - Water	5.8	N/A	Unspecified	
5	3102 - Grass	1.0	N/A	Unspecified	
7	330 - Low-Density Trees	2.4	N/A	Unspecified	
10	3102 - Grass	3.7	N/A	Unspecified	
11	3102 - Grass	3.0	N/A	Unspecified	
16	3102 - Grass	1.9	N/A	Unspecified	
18	3102 - Grass	9.1	N/A	Unspecified	
21	3102 - Grass	1.3	N/A	Unspecified	
23	3102 - Grass	1.0	N/A	Unspecified	
25	3102 - Grass	2.1	N/A	Unspecified	
26	3102 - Grass	4.3	N/A	Unspecified	
30	3102 - Grass	1.8	N/A	Unspecified	
31	710 - Sand, Soil	1.6	N/A	Unspecified	
34	6225 - Bog	1.2	N/A	Unspecified	New stand added.
39	3102 - Grass	1.1	N/A	Unspecified	
40	3102 - Grass	15.8	N/A	Unspecified	
43	3102 - Grass	2.1	N/A	Unspecified	
44	3102 - Grass	1.2	N/A	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
45	3102 - Grass	1.2	N/A	Unspecified	
54	3102 - Grass	1.6	N/A	Unspecified	
58	3102 - Grass	1.0	N/A	Unspecified	
62	330 - Low-Density Trees	1.1	N/A	Unspecified	
63	320 - Upland Shrub	4.9	N/A	Unspecified	
64	623 - Emergent Wetland	2.9	N/A	Unspecified	New stand added.
69	3102 - Grass	1.0	N/A	Unspecified	
71	3102 - Grass	1.6	N/A	Unspecified	
72	3102 - Grass	4.3	N/A	Unspecified	
74	3102 - Grass	1.3	N/A	Unspecified	
79	3102 - Grass	2.0	N/A	Unspecified	
80	3102 - Grass	15.6	N/A	Unspecified	New stand added.
81	3102 - Grass	2.1	N/A	Unspecified	
82	3102 - Grass	1.0	N/A	Unspecified	
83	3102 - Grass	1.8	N/A	Unspecified	
84	3102 - Grass	1.2	N/A	Unspecified	
86	3102 - Grass	1.5	N/A	Unspecified	
87	3102 - Grass	2.9	N/A	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
88	3102 - Grass	1.8	N/A	Unspecified	
89	3102 - Grass	2.8	N/A	Unspecified	
93	320 - Upland Shrub	1.3	N/A	Unspecified	
96	3102 - Grass	1.0	N/A	Unspecified	
97	622 - Lowland Shrub	6.6	N/A	Unspecified	
100	622 - Lowland Shrub	18.6	N/A	Unspecified	Stand swapped from Forested to Non-Forested.
101	320 - Upland Shrub	1.6	N/A	Unspecified	



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.

Stand	SCA Type	SCA Name	Acres	Comments



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.

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

Conservation Area	Type	Description
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Concentrated Recreation Area	Facilities that are designed and maintained for routine or heavy recreational use, including State Parks, State Forest campgrounds, motorized and non-motorized trails, trailheads, staging areas and public access sites.