



ATLANTA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION
COMPARTMENT 039 ENTRY YEAR: 2014

Compartment Acreage: 1886 County: Montmorency

Revision Date: October 23, 2012

Stand Examiner: Barber

Legal Description: T31N, R2E, Sec. 1, 2, 3, 11 & 12

Management Area: Thunder Bay Outwash

Management Goals: Improved age class distribution.

Soil and Topography: Land is mostly upland, level to mildly hilly. Upland soils are sandy to loamy. Habitat types range from PVCd in the southeast to PArVVb in the northwest. Middle parts are a mixture of PArVHa/PArVVb and wetlands. High water tables are common in the middle part of this compartment.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Surrounding land is mostly other state land. There are also some areas of small tracts and hunting lands.

Unique, Natural Features (include only non-site specific and non-sensitive information): None reported.

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

Special Management Designations or Considerations: None.

Watershed and Fisheries Considerations: There is a boating access site at Jackson Lake.

Wildlife Habitat Considerations: Compartment 39 contains a wide mix of habitat and cover types for wildlife from young aspen and openings to jack pine, oak, red pine, bog and cedar. As a result, many different species are found here. Featured species include elk, white-tailed deer, ruffed grouse, black bear, pileated woodpeckers, and American woodcock to name a few. These species will continue to persist and several will benefit from opening maintenance planned within the compartment.

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 200 and 600 feet. Beneath the glacial drift is the Devonian Antrim Shale. The Antrim is quarried for clay/shale elsewhere in the State. A gravel pit is located one mile to the south, and potential is considered good on the upland areas. 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 likely be required for timber sale preparation.

Recreational Facilities and Opportunities: High Country Pathway. Jackson Lake Campground. ORV trails and routes and a snowmobile trail.

Fire Protection: Adequate. MDNR and Tri-Township VFD.

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

Stand #
23
(4120) - A7
Level 3 OI
Level 4 Code
Cover Type Code

Legend

- State Highway
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads

Compartment: 39
T31N R02E Sec. 1, 2, 3, 11, 12
County: Montmorency
Unit: Atlanta
YOE: 2014
Acres: 1,886 GIS Calculated
Examiner: Richard Barber
Map Revised: 08/17/2012
Map Phase: Pre-Review

3	2	1
11	12	

Legend

- Miris Corners
- Remonumented Section Corners
- Pipeline
- Powerline
- Stream
- Intermittent Stream
- Lakes and Rivers
- Bike Trails
- Motorcycle Trails (SOS License)
- Motorcycle Trails (DNR License)
- Hiking Trails
- MCCCT Trails
- ORV Trails
- ORV Routes
- Ski Trails
- Snowmobile Trails
- Bike Trail
- Ski Trail
- Hiking Trail
- ORV Trail
- ORV Route
- Snowmobile Trail
- MCCCT Trail

Treatments

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

Forest Stands

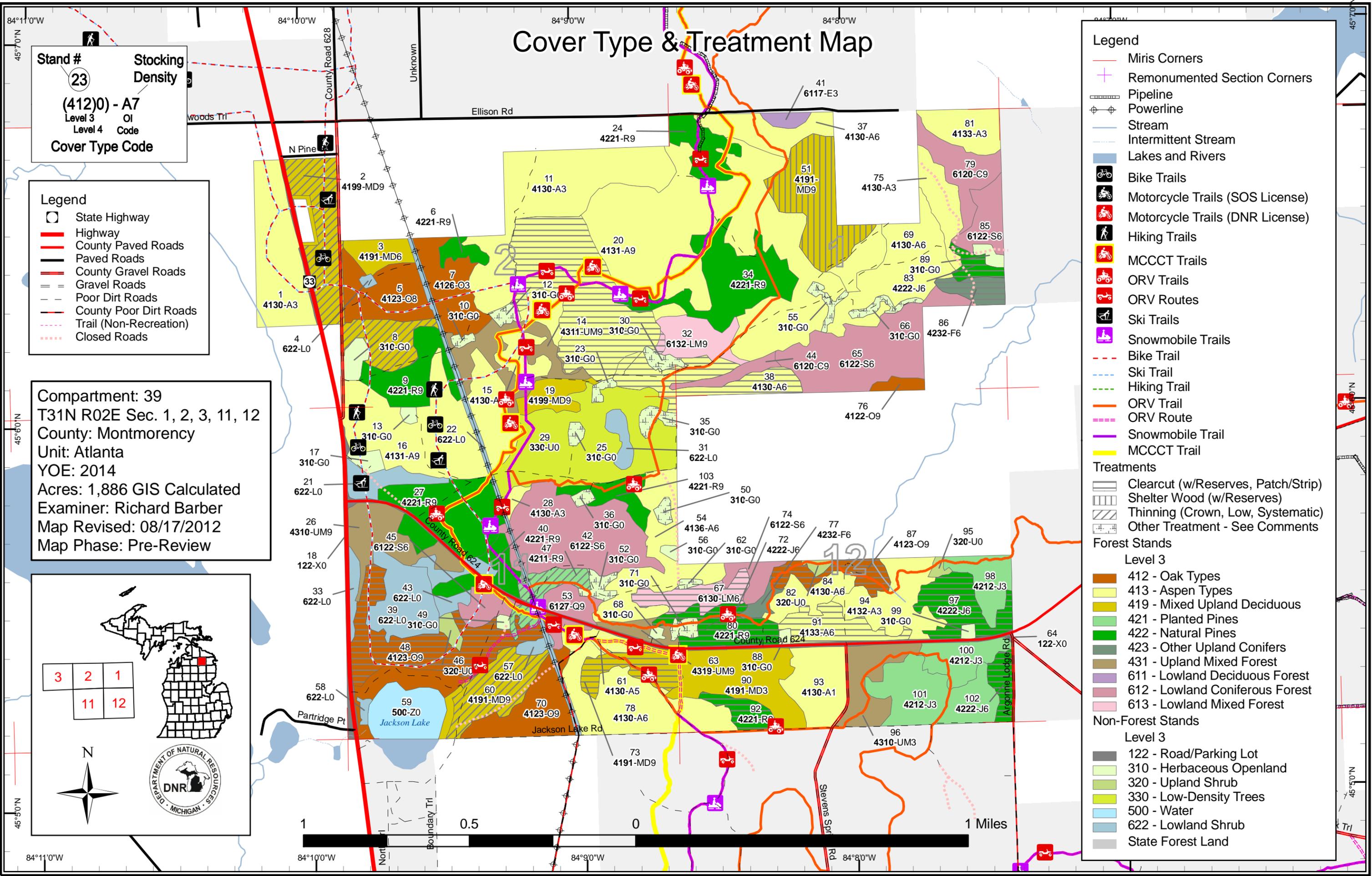
Level 3

- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 431 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

Non-Forest Stands

Level 3

- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low-Density Trees
- 500 - Water
- 622 - Lowland Shrub
- State Forest Land



Stand Boundary Map

Stand #
23

Stocking Density
(4120) - A7

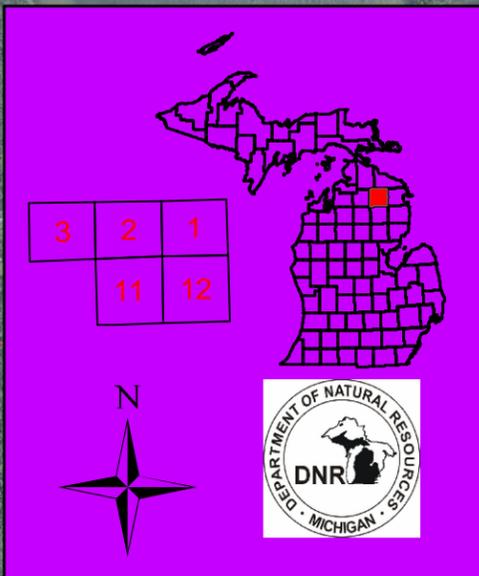
Level 3 OI
Level 4 Code

Cover Type Code

Legend

- State Highway
- ▬ Highway
- ▬ County Paved Roads
- ▬ Paved Roads
- ▬ County Gravel Roads
- ▬ Gravel Roads
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- ▬ Miris Corners
- ✚ Remonumented Section Corners
- ▬ Pipeline
- ⊕ Powerline
- ▬ Stream
- ▬ Intermittent Stream
- 🚲 Bike Trails
- 🏍️ Motorcycle Trails (SOS License)
- 🏍️ Motorcycle Trails (DNR License)
- 🚶 Hiking Trails
- 🚲 MCCCT Trails
- 🚲 ORV Trails
- 🚲 ORV Routes
- 🚶 Ski Trails
- 🚲 Snowmobile Trails
- ▬ Bike Trail
- ▬ Ski Trail
- ▬ Hiking Trail
- ▬ ORV Trail
- ▬ ORV Route
- ▬ Snowmobile Trail
- ▬ MCCCT Trail
- ▬ Stand Boundaries

Forest Stands

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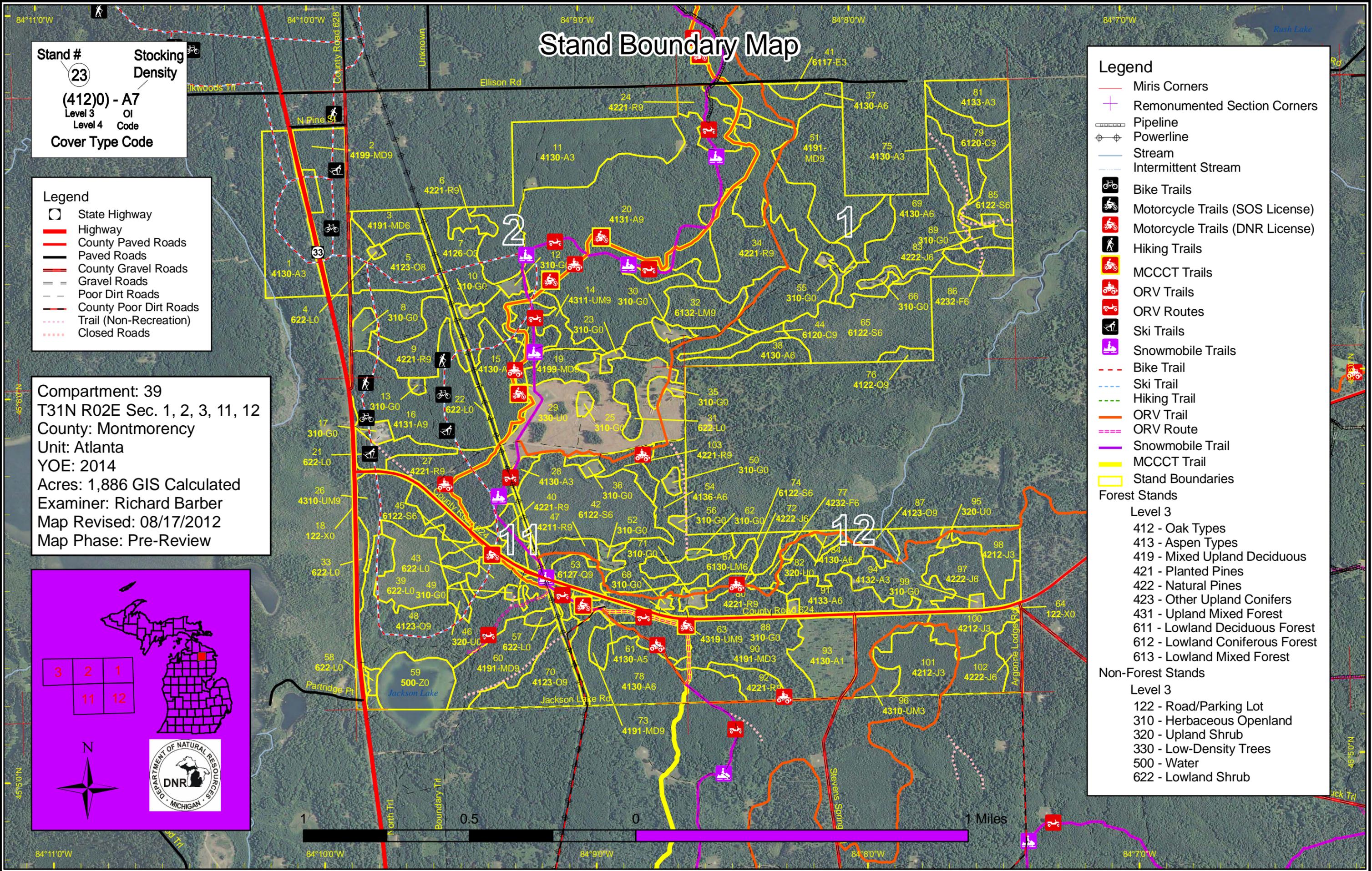


Table 1 – Total Acres by Cover Type and Age Class



	Age Class														Total
	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 +	Uneven Age	
Aspen	24	28	153	53	415	28	17	0	0	9	0	0	0	0	728
Cedar	0	0	0	0	0	0	0	0	0	0	18	6	0	0	25
Herbaceous Openland	50	0	0	0	0	0	0	0	0	0	0	0	0	0	50
Jack Pine	0	30	35	0	0	0	0	30	12	0	0	0	0	0	107
Low-Density Trees	67	0	0	0	0	0	0	0	0	0	0	0	0	0	67
Lowland Conifers	0	0	0	0	0	0	0	11	0	0	0	0	0	0	11
Lowland Deciduous	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
Lowland Mixed Forest	0	0	0	0	0	17	0	0	14	0	0	0	0	0	31
Lowland Shrub	72	0	0	0	0	0	0	0	0	0	0	0	0	0	72
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	20	0	0	116	0	0	136
Mixed Upland Deciduous	0	36	0	10	0	0	0	10	94	40	0	0	0	0	190
Oak	0	0	22	0	0	0	0	0	126	0	0	0	0	0	148
Red Pine	0	0	0	0	0	12	0	81	9	12	0	0	61	0	175
Upland Mixed Forest	0	20	0	0	0	6	0	46	0	0	0	0	0	0	72
Upland Shrub	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Upland Spruce/Fir	0	0	0	0	0	0	0	0	12	0	0	0	0	0	12
Urban	31	0	0	0	0	0	0	0	0	0	0	0	0	0	31
Water	22	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Total	273	114	211	63	418	62	17	178	287	61	18	122	61	0	1886



Table 2 – Proposed Treatment Summaries

Atlanta Mgt. Unit
Year of Entry 2014

Compartment 039
Total Compartment Acres: 1886

Acres by Treatment Type

Commercial Harvest - 409	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 32	Tree Seeding - 0	Pesticide - 0	

Cover Type by Harvest Method

		Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Aspen	124	0	0	0	0	0		124
Jack Pine	41	0	0	0	0	0		41
Lowland Mixed Forest	14	0	0	0	0	0		14
Mixed Upland Deciduous	17	0	0	40	73	0		130
Oak	58	0	0	0	0	0		58
Red Pine	21	0	0	0	12	0		33
Upland Spruce/Fir	8	0	0	0	0	0		8
Total	284	0	0	40	85	0		409



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
2	54039002-CT	48.8	4199 - Other Mixed Upland Deciduous	High Density Log	85	111-140	Harvest	Crown Thinning	4199 - Other Mixed Upland Deciduous	Cmpt. Review Proposal
<u>Prescription</u> Remove aspen and maple. Crop tree release red oak to 80-90 BA, where ever species removal alone will leave BA at 100 or above. Use <u>Specs:</u> standard trail specs. Leave 3-10% of stand area as retention, near MDOT rest area.										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u>										
<u>Proposed</u> <u>Start Date:</u> 10/01/2013										
20	54039020- DetLub	80.2	4131 - Aspen, Oak	High Density Log	49	111-140	Harvest	Clearcut with Reserves	4131 - Aspen, Oak	Cmpt. Review Proposal
<u>Prescription</u> Mark to leave about 1 tree per acre selecting from aspen, oak, white pine and red pine. Use standard trail specs.										
<u>Specs:</u>										
<u>Other</u> Treatment was approved 9/24/2009, proposal date 9/30/2010. Detroit Lubricator (54-042-10-01.)										
<u>Comments:</u>										
<u>Next</u> <u>Steps:</u>										
<u>Proposed</u> <u>Start Date:</u> 10/01/2011										
38	54039038- CCR	27.1	4130 - Aspen	High Density Pole	51	81-110	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> Leave 3-10% of stand area as retention. Paint a 1 chain buffer along adjoining cedar stands to reduce windthrow. Use 2 inch spec for maple and <u>Specs:</u> fir. Do not cut white pine or white oak, if present. Use standard trail specs.										
<u>Other</u> Delayed start date due to potential green up issue.										
<u>Comments:</u>										
<u>Next</u> Acceptable regeneration is any combination of oak, fir, pine, red maple or aspen resulting in a medium or well stocked stand.										
<u>Steps:</u>										
<u>Proposed</u> <u>Start Date:</u> 10/01/2018										
47	54039047-Sys	11.6	42110 - Planted Red Pine	High Density Log	52	171-200	Harvest	Systematic Thinning	42110 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Remove one-third of stems, retaining and releasing highest quality trees in the process. Use standard trail specs.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> <u>Steps:</u>										
<u>Proposed</u> <u>Start Date:</u> 10/01/2013										
48	54039048- CCR	45.2	4123 - Red Oak	High Density Log	83	51-80	Harvest	Clearcut with Reserves	4121 - Oak, Aspen	Cmpt. Review Proposal
<u>Prescription</u> Leave 3-10% of stand area as retention, adjacent to Jackson Lake Campground. Do not cut white pine or white oak, if present. Use standard <u>Specs:</u> trail specs. Protect white pine regeneration during harvest.										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Acceptable regeneration is any combination of oak, pine, red maple and aspen resulting in a medium or well stocked stand.										
<u>Steps:</u>										
<u>Proposed</u> <u>Start Date:</u> 10/01/2013										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
51	54039051- SheltR	39.5	4191 - Mixed Upland Deciduous with Conifer	High Density Log	97	81-110	Harvest	Shelter Wood with Reserves	42111 - Planted Red Pine, Mixed Deciduous	Cmpt. Review Proposal
<u>Prescription:</u> Shelterwood mix of red pine, white pine and oak using average tree height spacing. Favor leaving large diameter stems. Harvest most tops, encourage scarification during harvest. Leave 3-10% of stand area as retention, including aspen and maple. Use standard trail specs. <u>Specs:</u> <u>Other Comments:</u> <u>Next Steps:</u> Burn, herbicide and/or scarify as needed to prepare seedbed and reduce excessive competition from maple or aspen. Acceptable regeneration is a medium to well stocked stand consisting primarily of red pine, white pine and oak. <u>Proposed Start Date:</u> 10/01/2013										
60	54039060-CT	24.7	4191 - Mixed Upland Deciduous with Conifer	High Density Log	83	81-110	Harvest	Crown Thinning	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
<u>Prescription:</u> Crop tree release red oak to 80-90 BA, favoring removal of red maple and retention of white oak. Use standard trail specs. <u>Specs:</u> <u>Other Comments:</u> <u>Next Steps:</u> <u>Proposed Start Date:</u> 10/01/2013										
67	54039067- CCR	14.3	6130 - Fir, Aspen, Maple	High Density Pole	80		Harvest	Clearcut with Reserves	6130 - Fir, Aspen, Maple	Cmpt. Review Proposal
<u>Prescription:</u> Leave 3-10% of stand area as retention. Retention should be representative of what is being harvested and not simply a lowland brush inholding. Leave all red pine, white pine and cedar. <u>Specs:</u> <u>Other Comments:</u> It may not be possible to harvest portions of this stand lying south or southwest of stand 62, due to them being too shrubby, wet, or scarce of volume. Fall leaf-off conditions recommended for sale set-up. <u>Next Steps:</u> Acceptable regeneration is a medium to well stocked stand of red maple, spruce, fir or aspen. <u>Proposed Start Date:</u> 10/01/2013										
72	54039072- CCR	6.2	42220 - Natural Jack Pine	High Density Pole	80		Harvest	Clearcut with Reserves	42220 - Natural Jack Pine	Cmpt. Review Proposal
<u>Prescription:</u> Leave 3-10% of stand area as retention. Chip tops. <u>Specs:</u> <u>Other Comments:</u> <u>Next Steps:</u> Acceptable regeneration is any combination of pine, maple spruce and fir resulting in a medium or well stocked stand. Use standard trail specs. Plant jack pine if natural regeneration fails. <u>Proposed Start Date:</u> 10/01/2013										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
73	54039073- CCR	16.6	4191 - Mixed Upland Deciduous with Conifer	High Density Log	84	81-110	Harvest	Clearcut with Reserves	42110 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Leave 10% of stand area as retention. Chip most tops. Require snow-off whole tree skidding, plus 2 inch cutting spec and 6" stump spec.										
<u>Specs:</u> Additionally, leave one clump of 3-5 oak per acre for continued mast production.										
<u>Other</u> Use standard trail specs. Consider leaving retention in patch(es) near trail.										
<u>Comments:</u>										
<u>Next</u> Burn, herbicide and/or scarify to reduce deciduous competition with red pine seedlings. Plant red pine. Acceptable regeneration is a medium to well stocked stand of red pine, predominately unsuppressed by deciduous regeneration. Regen survey.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
80	54039080- CCR	12.5	42210 - Natural Red Pine	High Density Log	90	51-80	Harvest	Clearcut with Reserves	42110 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Leave 3-10% of stand area as retention. Chip most tops. Use standard trail specs.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Burn, herbicide and/or scarify to reduce competition with red pine seedlings. Plant red pine. Acceptable regeneration is a medium to well stocked stand red pine, predominately unsuppressed by oak and maple regeneration.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
83	54039083- CCR	5.7	42220 - Natural Jack Pine	High Density Pole	85		Harvest	Clearcut with Reserves	4311 - Pine, Aspen Mix	Cmpt. Review Proposal
<u>Prescription</u> Leave 3-10% of stand area as retention. Chip most tops. Okay to manage with stand 86.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Acceptable regeneration is a medium to well stocked stand of mixed pine, spruce and aspen. If natural regeneration fails, plant jack pine.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
86	54039086- CCR	8.4	42320 - Upland Spruce	High Density Pole	85		Harvest	Clearcut with Reserves	42320 - Upland Spruce	Cmpt. Review Proposal
<u>Prescription</u> Leave 3-10% of stand area as retention. Chip most tops. Okay to manage with stand 83.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Acceptable regeneration is a medium to well stocked stand of mixed pine, spruce and aspen. If natural regeneration fails, plant jack pine.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
87	54039087- CCR	13.0	4123 - Red Oak	High Density Log	87	1-50	Harvest	Clearcut with Reserves	4123 - Red Oak	Cmpt. Review Proposal
<u>Prescription</u> Leave 3-10% of stand area as retention, adjacent to drainage. Use standard trail specs.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Acceptable regeneration is any combination of oak, aspen, pine and red maple resulting in a medium or well stocked stand.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
91	54039091- CCR	16.9	4133 - Aspen, Mixed Pine	High Density Pole	61	51-80	Harvest	Clearcut with Reserves	4133 - Aspen, Mixed Pine	Cmpt. Review Proposal
<u>Prescription</u> Leave 3-10% of stand area as retention. Use standard trail specs.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Acceptable regeneration is any combination of aspen, oak, pine and red maple resulting in a medium or well stocked stand.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
92	54039092- CCR	8.7	42210 - Natural Red Pine	High Density Log	81	81-110	Harvest	Clearcut with Reserves	42110 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Leave 3-10% of stand area as retention. Chip most tops. Use 2 inch spec. Use standard trail specs.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Burn, herbicide and/or scarify to reduce deciuous competition with red pine seedlings. Plant red pine. Acceptable regeneration is a medium to well stocked stand of red pine, predominately unsuppressed by deciduous regeneration.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
97	54039097- CCR	21.2	42220 - Natural Jack Pine	High Density Pole	70		Harvest	Clearcut with Reserves	42121 - Planted Jack Pine, Mixed Deciduous	Cmpt. Review Proposal
<u>Prescription</u> Leave 3-10% of stand area as retention. Chip tops. Use standard trail specs, if needed.										
<u>Specs:</u>										
<u>Other</u> Delay 5 years due to potential green-up conflict.										
<u>Comments:</u>										
<u>Next</u> Plant jack pine. Acceptable regeneration is a medium to well stocked stand of jack pine, predominately unsuppressed by deciduous regeneration.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2018										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
102	54039102- CCR	8.3	42220 - Natural Jack Pine	High Density Pole	70		Harvest	Clearcut with Reserves	42121 - Planted Jack Pine, Mixed Deciduous	Cmpt. Review Proposal
<u>Prescription</u> Leave 3-10% of stand area as retention. Chip tops.										
<u>Specs:</u>										
<u>Other</u> Delay 5 years due to potential green-up conflict.										
<u>Comments:</u>										
<u>Next</u> Burn, herbicide and/or scarify to reduce deciduous competition with jack pine seedlings Plant jack pine. Acceptable regeneration is a medium to										
<u>Steps:</u> well stocked stand of jack pine, predominately unsuppressed by deciduous regeneration.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2018										
10	NF_54039010- NonFor	1.4	3102 - Grass				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> Gas pad present										
<u>Comments:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
12	NF_54039012- NonFor	2.7	3102 - Grass				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										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
23	NF_54039023- NonFor	1.8	3102 - Grass				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> evidence of camping										
<u>Comments:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
25	NF_54039025- NonFor	1.8	3102 - Grass				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										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
30	NF_54039030- NonFor	3.2	3102 - Grass				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> gas pad present										
<u>Comments:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
35	NF_54039035- NonFor	3.8	3102 - Grass				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> orv and camping										
<u>Comments:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
36	NF_54039036- NonFor	1.6	3102 - Grass				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										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
50	NF_54039050- NonFor	2.0	3102 - Grass				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										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
52	NF_54039052- NonFor	3.8	3102 - Grass				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										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
55	NF_54039055- NonFor	3.0	3102 - Grass				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										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
62	NF_54039062- NonFor	1.1	3102 - Grass				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										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
66	NF_54039066- NonFor	3.3	3102 - Grass				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										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
71	NF_54039071- NonFor	2.9	3102 - Grass				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										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										

**Total Treatment
Acreage Proposed: 441.4**

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

Other
Comment:

Next
Steps:

Proposed
Start Date: #Error

Limiting Factor and No
Treatment Reason

Total Treatment
Acreage Proposed: 0

**Out of YOE -- Treatments
Prescribed with No Limiting Factor**

Year of Entry: 2014



Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
54002031-N-CCR Burn/Scarify	2.9	42220 - Natural Jack Pine	High Density Pole	69		Harvest	Clearcut with Reserves	42121 - Planted Jack Pine, Mixed Deciduous	Cmpt. Review Proposal - Incomplete

Prescription Do not cut red pine, white pine, oak. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole.

Other Comments:

Next Steps: Post harvest: if this treatment falls inside of a BSA, then burn or scarify before planting jack pine. When planting, attempt to avoid the use of trenching. If the treatment is not inside a BSA, plant jack pine.

Proposed Start Date: 10/01/2010

54002031-N-CCR Burn/Scarify	2.9	42220 - Natural Jack Pine	High Density Pole	69		Harvest	Clearcut with Reserves	42121 - Planted Jack Pine, Mixed Deciduous	Cmpt. Review Proposal - Incomplete
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Prescription Do not cut red pine, white pine, oak. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole.

Other Comments:

Next Steps: Post harvest: if this treatment falls inside of a BSA, then burn or scarify before planting jack pine. When planting, attempt to avoid the use of trenching. If the treatment is not inside a BSA, plant jack pine.

Proposed Start Date: 10/01/2010

**Total Treatment
Acreage Proposed: 5.8**

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Atlanta Mgt. Unit

5 – Forested Stands

Compartment: 039
Year of Entry: 2014

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4130 - Aspen	High Density Sapling	40.8	21	1-50	
2	4199 - Other Mixed Upland Deciduous	High Density Log	50.4	85	111-140	
3	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	10.0	39	51-80	
5	4123 - Red Oak	Medium Density Log	25.3	85	1-50	
6	42210 - Natural Red Pine	High Density Log	5.0	136	141-170	
7	4126 - White, Black, N. Pin Oak	High Density Sapling	22.3	26	1-50	
9	42210 - Natural Red Pine	High Density Log	20.5	74	111-140	Thinned 2008
11	4130 - Aspen	High Density Sapling	68.7	27	1-50	HCP
14	4311 - Pine, Aspen Mix	High Density Log	23.5	74	111-140	
15	4130 - Aspen	High Density Log	10.0	27	111-140	
16	4131 - Aspen, Oak	High Density Log	76.6	45	111-140	numerous 14" dbh white oak. In much of the stand aspen is only 7-8" dbh
19	4199 - Other Mixed Upland Deciduous	High Density Log	10.4	74	51-80	
20	4131 - Aspen, Oak	High Density Log	231.8	49	111-140	western 2/3 of stand is under contract.
24	42210 - Natural Red Pine	High Density Log	15.1	136	81-110	
26	4310 - Pine, Oak Mix	High Density Log	23.0	73	51-80	
27	42210 - Natural Red Pine	High Density Log	38.4	73	111-140	
28	4130 - Aspen	High Density Sapling	2.5	25	1-50	
32	6132 - Mixed Lowland Forest with Cedar	High Density Log	16.7	51	51-80	An odd mixture of micro-stands. Includes drainage with cedar standing in water. Also, on the west side of the stand, there is an area of pure cedar with spring and seeps at its upslope end. In early spring these flow down through the stand.

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Atlanta Mgt. Unit

5 – Forested Stands

Compartment: 039
Year of Entry: 2014

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
34	42210 - Natural Red Pine	High Density Log	41.2	136	111-140	red pine to 24"+. white pine to 30".
37	4130 - Aspen	High Density Pole	18.7	43	1-50	
38	4130 - Aspen	High Density Pole	28.5	51	81-110	Some white oak logs. Drainage in east, more or less an extension of PI25.
40	42210 - Natural Red Pine	High Density Log	11.8	73	141-170	
41	6117 - Lowland Deciduous, Mixed Coniferous	High Density Sapling	3.5	43		
42	6122 - Black Spruce	High Density Pole	55.8	110		Nice example of treed sphagnum bog. Water visible at surface during gubernatorial burning ban.
44	6120 - Lowland Cedar	High Density Log	6.2	112		cedar mostly in strips flanking wettest part of drainage.
45	6122 - Black Spruce	High Density Pole	8.3	117		
47	42110 - Planted Red Pine	High Density Log	11.6	52	171-200	
48	4123 - Red Oak	High Density Log	58.9	83	51-80	
51	4191 - Mixed Upland Deciduous with Conifer	High Density Log	39.5	97	81-110	
53	6127 - Lowland Pine	High Density Log	10.8	74	51-80	
54	4136 - Aspen, Mixed Conifer	High Density Pole	35.1	40	81-110	looks like a P type in places. wet meadow(?) just NW of PI-36.
60	4191 - Mixed Upland Deciduous with Conifer	High Density Log	27.1	83	81-110	
61	4130 - Aspen	Medium Density Pole	7.8	37	1-50	
63	4319 - Mixed Upland Forest	High Density Log	5.8	54	51-80	
65	6122 - Black Spruce	High Density Pole	51.7	112		sphagnum, black muck
67	6130 - Fir, Aspen, Maple	High Density Pole	14.3	80		ash mostly dead.

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Atlanta Mgt. Unit

5 – Forested Stands

Compartment: 039
Year of Entry: 2014

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4130 - Aspen	High Density Pole	39.5	43	81-110	
4123 - Red Oak	High Density Log	25.1	83	81-110	
42220 - Natural Jack Pine	High Density Pole	6.2	80		
4191 - Mixed Upland Deciduous with Conifer	High Density Log	16.6	84	81-110	
6122 - Black Spruce	High Density Pole	7.2	80		
4130 - Aspen	High Density Sapling	14.6	26	1-50	
4122 - Oak, Pine	High Density Log	3.5	85		Looks like oak, red pine, possibly some aspen.
42320 - Upland Spruce	High Density Pole	3.5	80		
4130 - Aspen	High Density Pole	45.0	37	51-80	
6120 - Lowland Cedar	High Density Log	18.4	103		much type 3 and 4 decayed logs. Free flowing stream.
42210 - Natural Red Pine	High Density Log	12.5	90	51-80	Oak uderstory a mix of red, pin, and white.
4133 - Aspen, Mixed Pine	High Density Sapling	16.5	26	1-50	
42220 - Natural Jack Pine	High Density Pole	5.7	85		
4130 - Aspen	High Density Pole	13.1	40	81-110	
6122 - Black Spruce	High Density Pole	12.7	88		
42320 - Upland Spruce	High Density Pole	8.4	85		
4123 - Red Oak	High Density Log	13.0	87	1-50	
4191 - Mixed Upland Deciduous with Conifer	High Density Sapling	36.2	16	1-50	

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Atlanta Mgt. Unit

5 – Forested Stands

Compartment: 039
Year of Entry: 2014

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
91	4133 - Aspen, Mixed Pine	High Density Pole	16.9	61	51-80	
92	42210 - Natural Red Pine	High Density Log	8.7	81	81-110	
93	4130 - Aspen	Low Density Sapling	24.3	4		Not much oak at 3' tall or greater.
94	4132 - Aspen, Jack Pine	High Density Sapling	27.6	15	1-50	
96	4310 - Pine, Oak Mix	High Density Sapling	20.3	15		
97	42220 - Natural Jack Pine	High Density Pole	21.2	70		
98	42120 - Planted Jack Pine	High Density Sapling	14.7	17		
100	42120 - Planted Jack Pine	High Density Sapling	15.2	15		
101	42120 - Planted Jack Pine	High Density Sapling	35.4	27		Scattered aspen saplings and oak sawtimber at central part of south edge.
102	42220 - Natural Jack Pine	High Density Pole	8.3	70		
103	42210 - Natural Red Pine	High Density Log	10.2	73	111-140	
104	4134 - Aspen, Spruce/Fir	High Density Pole	9.5	97	81-110	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
4	622 - Lowland Shrub	1.0	N/A	Unspecified	
8	3102 - Grass	5.1	N/A	Unspecified	
10	3102 - Grass	1.4	N/A	Unspecified	
12	3102 - Grass	2.7	N/A	Unspecified	
13	3102 - Grass	1.4	N/A	Unspecified	
17	3102 - Grass	3.5	N/A	Unspecified	
18	122 - Road/Parking Lot	14.2	N/A	Unspecified	
21	622 - Lowland Shrub	16.0	N/A	Unspecified	
22	622 - Lowland Shrub	14.5	N/A	Unspecified	
23	3102 - Grass	1.8	N/A	Unspecified	
25	3102 - Grass	1.8	N/A	Unspecified	
29	3301 - Low Density Deciduous Tree	66.9	Yes	Red Pine	
30	3102 - Grass	3.2	N/A	Unspecified	
31	622 - Lowland Shrub	5.4	N/A	Unspecified	
33	622 - Lowland Shrub	3.9	N/A	Unspecified	
35	3102 - Grass	3.8	N/A	Unspecified	
36	3102 - Grass	1.6	N/A	Unspecified	
39	622 - Lowland Shrub	24.6	N/A	Unspecified	Stand swapped from Forested to Non-Forested.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
43	622 - Lowland Shrub	3.1	N/A	Unspecified	
46	320 - Upland Shrub	3.1	N/A	Unspecified	
49	3102 - Grass	1.1	N/A	Unspecified	
50	3102 - Grass	2.0	N/A	Unspecified	
52	3102 - Grass	3.8	N/A	Unspecified	
55	3102 - Grass	3.0	N/A	Unspecified	
56	3102 - Grass	1.2	N/A	Unspecified	
57	622 - Lowland Shrub	2.5	N/A	Unspecified	
58	622 - Lowland Shrub	1.4	N/A	Unspecified	
59	50 - Water	21.5	N/A	Unspecified	
62	3102 - Grass	1.1	N/A	Unspecified	
64	122 - Road/Parking Lot	16.7	N/A	Unspecified	
66	3102 - Grass	3.3	N/A	Unspecified	
68	3102 - Grass	1.0	N/A	Unspecified	
71	3102 - Grass	2.9	N/A	Unspecified	
82	320 - Upland Shrub	1.7	N/A	Unspecified	
88	3102 - Grass	1.0	N/A	Unspecified	
89	3102 - Grass	2.6	N/A	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
95	320 - Upland Shrub	1.6	N/A	Unspecified	
99	3102 - Grass	1.2	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
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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.

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.