



Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54

Entry Year 2015

Acreage: 2,353

County Montmorency

Management Area: Thunder Bay Outwash

Revision Date: 10/23/2013

Stand Examiner: Richard Barber

Legal Description:

T31N, R03E, Sec. 21, 22, 27, 28, 33 & 34

Identified Planning Goals:

Regenerate older stands.

Soil and topography:

The central portion of this compartment consists of moraines. In most directions, it is surrounded by well to excessively drained outwash plains. The southeast corner of the compartment ranges from somewhat poorly drained to canoeable, and includes the headwater of Miller Creek. The moraine has a PArVHa/PArVVb habitat type. Outwash plains are mostly PVCd and PArVHa, while the southeast corner is wetland and PArVCo.

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

To the east lies the Pleasant Valley moraine, with its mix of farmland and hunting land. A residential area is to the south. West and north is mostly other state land with scattered hunting properties and residences.

Unique Natural Features:

One or more occurrences have been reported for this compartment.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

None.

Watershed and Fisheries Considerations:

Miller Creek is a cold water SCA.

Wildlife Habitat Considerations:

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 are the Mississippian Coldwater and Sunbury Shales and the Devonian Berea Sandstone and Bedford and Antrim Shales. The Antrim is quarried for clay/shale elsewhere in the State. Gravel pits are located in the area 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 be required for timber sale preparation.

Recreational Facilities and Opportunities:

This compartment includes motorized recreation trails, as shown on the maps.

Fire Protection:

Coverage provided by DNR and Hillman and Tri-Township VFD's.

Additional Compartment Information:

The following reports from the Inventory are attached:

- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

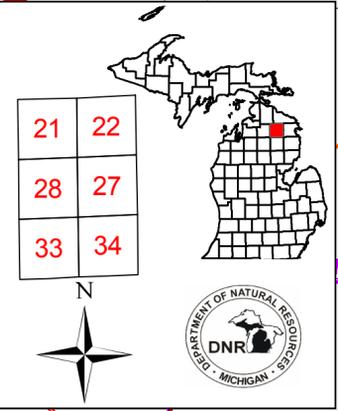
The following information is displayed, where pertinent, on the attached compartment maps:

- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatment Map

Compartment: 054
 T31N R03E
 Sections 21, 22, 27, 28, 33, 34
 County: Montmorency
 Unit: Atlanta
 YOE: 2015
 Acres: 0 GIS Calculated
 Examiner: Richard Barber
 Map Revised: 09/10/2013
 Map Phase: Web Post

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



Legend

- Miris Corners
- Remunemented Section Corners
- Bridges
- Culverts
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads
- Pipeline
- Powerline
- Stream
- Intermittent Stream
- Lakes and Rivers
- ORV Trails
- ORV Routes
- Snowmobile Trails
- Snowmobile Trail
- ORV Trail
- ORV Route

Treatments

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

Forest Stands

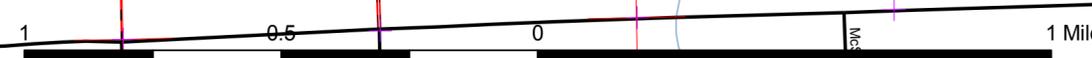
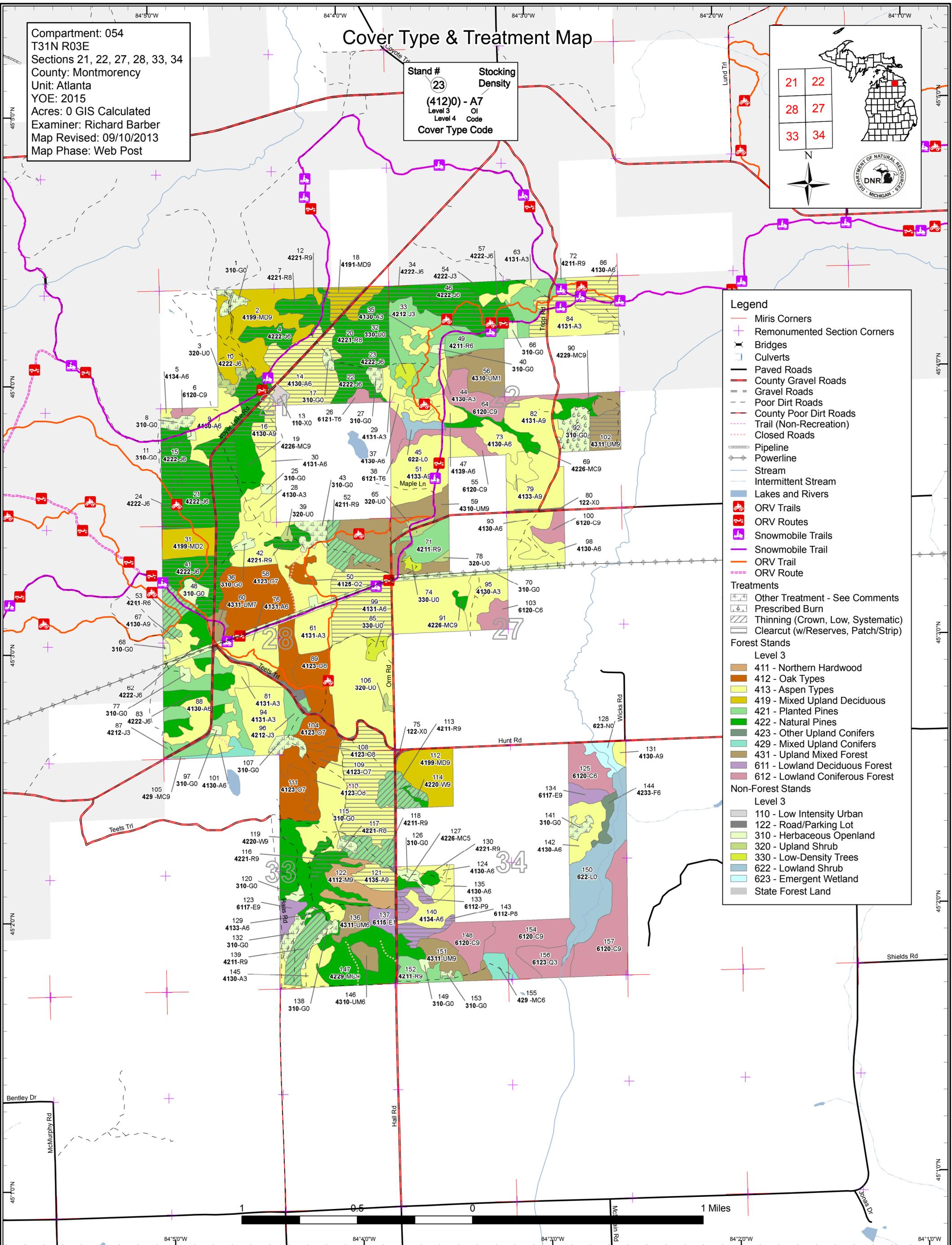
Level 3

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

Non-Forest Stands

Level 3

- 110 - Low Intensity Urban
- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low-Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- State Forest Land



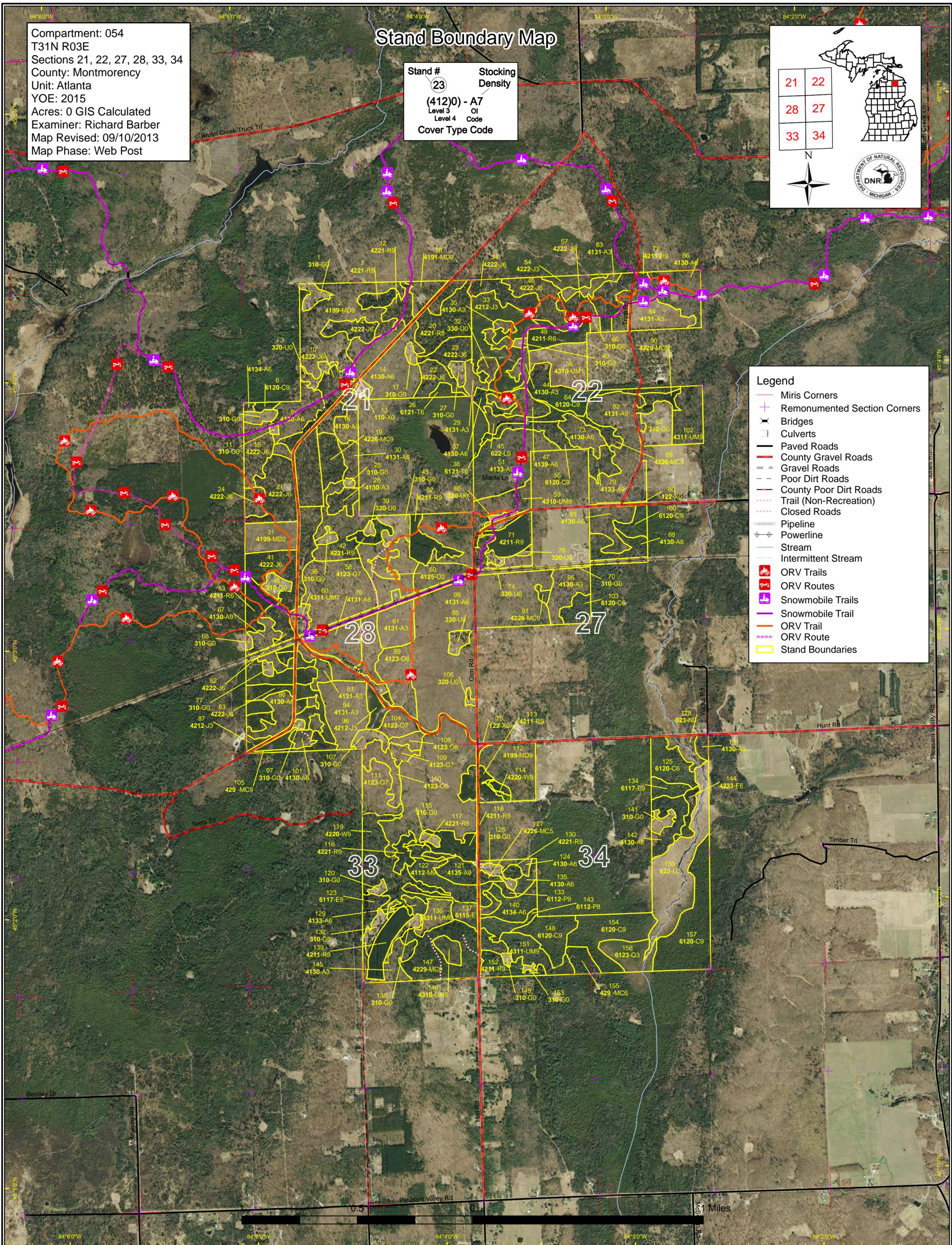
Stand Boundary Map

Compartment: 054
 T31N R03E
 Sections 21, 22, 27, 28, 33, 34
 County: Montmorency
 Unit: Atlanta
 YOE: 2015
 Acres: 0 GIS Calculated
 Examiner: Richard Barber
 Map Revised: 09/10/2013
 Map Phase: Web Post

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

Legend

- Miris Corners
- Remonumented Section Corners
- Bridges
- Culverts
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads
- Pipeline
- Powerline
- Stream
- Intermittent Stream
- ORV Trails
- ORV Routes
- Snowmobile Trails
- Snowmobile Trail
- ORV Trail
- ORV Route
- Stand Boundaries

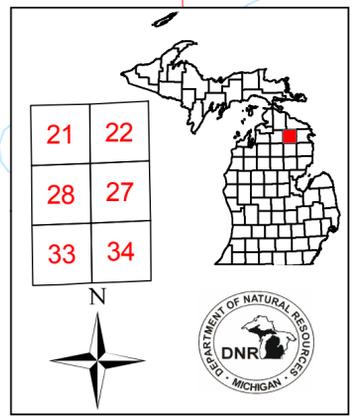


0.5 0 0.5 Miles

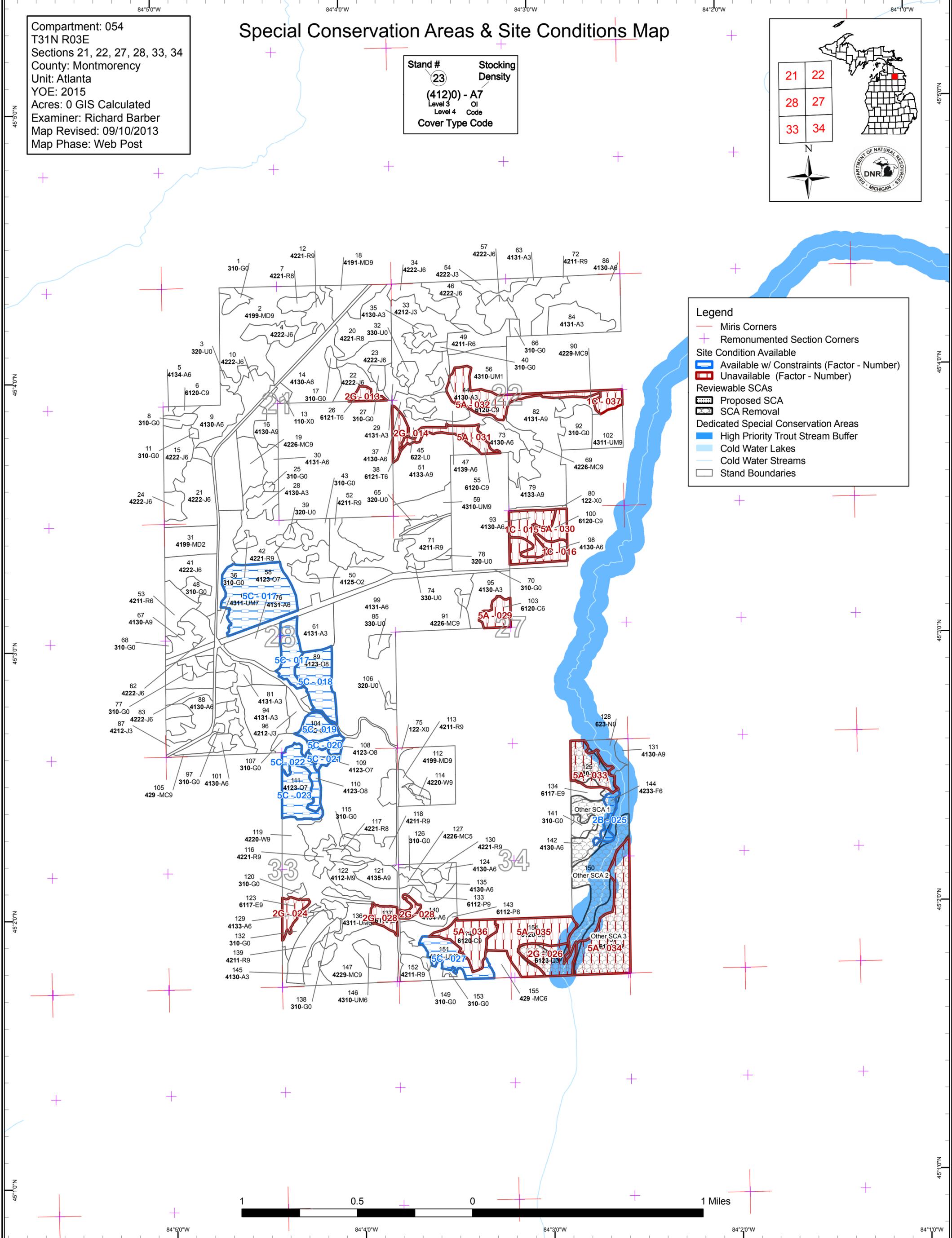
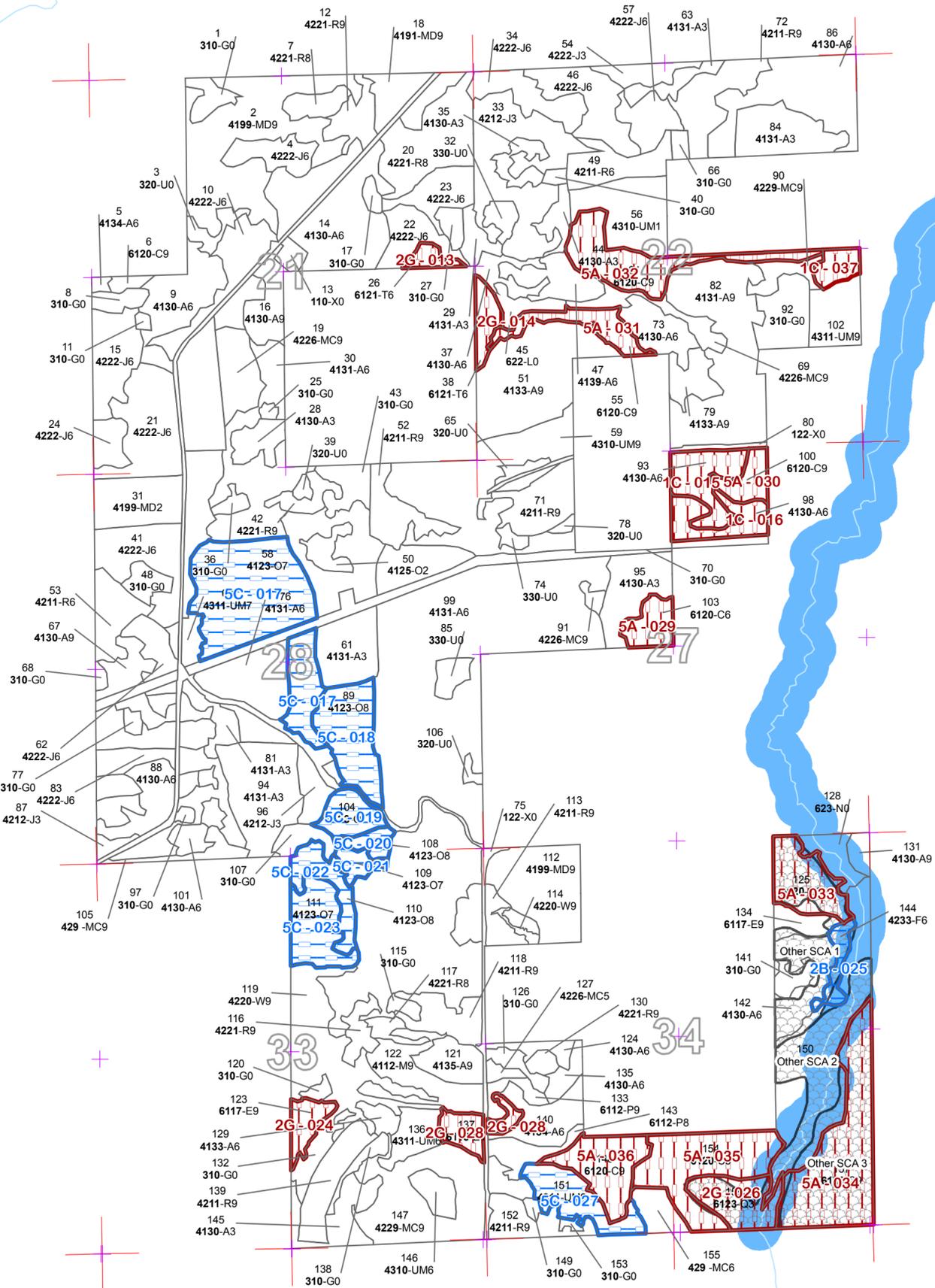
Compartment: 054
 T31N R03E
 Sections 21, 22, 27, 28, 33, 34
 County: Montmorency
 Unit: Atlanta
 YOE: 2015
 Acres: 0 GIS Calculated
 Examiner: Richard Barber
 Map Revised: 09/10/2013
 Map Phase: Web Post

Special Conservation Areas & Site Conditions Map

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



- Legend**
- Miris Corners
 - Remonumented Section Corners
 - Site Condition Available
 - Available w/ Constraints (Factor - Number)
 - Unavailable (Factor - Number)
 - Reviewable SCAs
 - Proposed SCA
 - SCA Removal
 - Dedicated Special Conservation Areas
 - High Priority Trout Stream Buffer
 - Cold Water Lakes
 - Cold Water Streams
 - Stand Boundaries



Report 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	19	106	30	276	350	36	0	0	10	0	0	0	0	0	827
Cedar	0	0	0	0	0	0	0	0	171	0	0	0	0	0	171
Herbaceous Openland	111	0	0	0	0	0	0	0	0	0	0	0	0	0	111
Jack Pine	0	90	0	26	0	0	0	0	205	0	0	0	0	0	321
Low-Density Trees	11	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	0	0	13	0	0	0	0	0	13
Lowland Conifers	0	0	0	0	0	0	0	0	16	0	0	0	0	0	16
Lowland Deciduous	0	0	0	9	7	0	0	0	7	0	0	0	0	0	23
Lowland Shrub	59	0	0	0	0	0	0	0	0	0	0	0	0	0	59
Marsh	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Mixed Upland Deciduous	18	0	0	0	58	0	0	0	44	0	0	0	0	0	120
Natural Mixed Pines	0	0	0	14	0	2	0	0	18	43	0	0	0	0	76
Northern Hardwood	0	0	0	0	0	0	0	0	20	0	0	0	0	0	20
Oak	0	6	0	0	0	0	0	0	132	0	0	0	0	0	138
Red Pine	0	0	0	12	0	114	0	0	58	0	0	0	0	3	187
Tamarack	0	0	0	0	0	0	0	0	10	0	0	0	0	0	10
Upland Conifers	0	0	0	8	0	6	0	0	0	0	0	0	0	0	13
Upland Mixed Forest	23	9	0	5	0	0	0	0	88	6	0	0	0	0	133
Upland Shrub	13	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Upland Spruce/Fir	0	0	0	0	0	0	0	0	6	0	0	0	0	0	6
Urban	39	0	0	0	0	0	0	0	0	0	0	0	0	0	39
White Pine	0	0	0	0	0	1	0	0	37	0	0	0	0	0	39
Total	301	212	30	350	414	160	0	0	835	49	0	0	0	3	2353



Report 2 – Proposed Treatment Summaries

Atlanta Mgt. Unit
Year of Entry 2015

Compartment 054
Total Compartment Acres: 2,353

Acres by Treatment Type

Commercial Harvest - 570 Tree Planting - 0 Other - 14
 Habitat Cut - 0 Opening Maintenance - 51

Cover Type by Harvest Method

		Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Aspen Types	200	0	0	0	0	0	0	200
Lowland Deciduous Forest	13	0	0	0	0	0	0	13
Mixed Upland Deciduous	14	0	0	0	0	0	0	14
Natural Pines	263	0	0	0	0	0	0	263
Planted Pines	0	0	0	0	66	0	0	66
Upland Mixed Forest	14	0	0	0	0	0	0	14
Total	504	0	0	0	66	0	0	570



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
4	54054004-CC	10.2	42220 - Natural Jack Pine	High Density Pole	83		Harvest	Clearcut	4212 - Planted Jack Pine	Cmpt. Review Proposal

Prescription Clearcut per specifications of Timber Sale Contract 54-039-10-01. Prescription was approved at compartment review on September 23, 2003.
Specs:

Other
Comments:

Next Steps: Plant jack pine. Acceptable regeneration is any combination of jack pine, oak, aspen, spruce, fir, red pine, or white pine resulting in a medium or well stocked stand incontrovertibly dominated by unsuppressed jack pine. Site prep may require thermal, chemical or mechanical methods.

Proposed
Start Date: 10/01/2014

7	54054007-CCR	6.3	42210 - Natural Red Pine	Medium Density Log	82	1-50	Harvest	Clearcut with Reserves	4211 - Planted Red Pine	Cmpt. Review Proposal
---	--------------	-----	--------------------------	--------------------	----	------	---------	------------------------	-------------------------	-----------------------

Prescription CCR. 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.
Specs:

Other Use current, standard trail specs for safety and infrastructure protection.
Comments:

Next Steps: Plant red pine. Acceptable regeneration is any combination of red pine, aspen, oak, spruce, fir, jack pine, or white pine resulting in a medium or well stocked stand incontrovertibly dominated by unsuppressed red pine. Site prep may require thermal, chemical or mechanical methods.

Proposed
Start Date: 10/01/2014

10	54054010-CC	21.1	42220 - Natural Jack Pine	High Density Pole	83		Harvest	Clearcut	4212 - Planted Jack Pine	Cmpt. Review Proposal
----	-------------	------	---------------------------	-------------------	----	--	---------	----------	--------------------------	-----------------------

Prescription Clearcut per specifications of Timber Sale Contract 54-039-10-01. Prescription was approved at compartment review on September 23, 2003.
Specs:

Other
Comments:

Next Steps: Plant jack pine. Acceptable regeneration is any combination of jack pine, oak, aspen, spruce, fir, red pine, or white pine resulting in a medium or well stocked stand incontrovertibly dominated by unsuppressed jack pine. Site prep may require thermal, chemical or mechanical methods.

Proposed
Start Date: 10/01/2014

12	54054012-CCR	9.1	42211 - Natural Red Pine, Mixed Deciduous	High Density Log	82	51-80	Harvest	Clearcut with Reserves	4211 - Planted Red Pine	Cmpt. Review Proposal
----	--------------	-----	---	------------------	----	-------	---------	------------------------	-------------------------	-----------------------

Prescription CCR. 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.
Specs:

Other Use current, standard trail specs for safety and infrastructure protection.
Comments:

Next Steps: Plant red pine. Acceptable regeneration is any combination of red pine, aspen, oak, spruce, fir, jack pine, or white pine resulting in a medium or well stocked stand incontrovertibly dominated by unsuppressed red pine. Site prep may require thermal, chemical or mechanical methods.

Proposed
Start Date: 10/01/2014



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
14	54054014- CCR	44.4	4130 - Aspen	High Density Pole	45		Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal

Prescription CCR. 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. Retain oak for mast production.

Other Use current, standard trail specs for safety and infrastructure protection. Consider leaving retention on snowmobile trail.
Comments:

Next Regen survey. Acceptable regeneration is any combination of aspen, oak, spruce, fir, jack pine, red pine, or white pine resulting in a medium or well stocked stand.
Steps:

Proposed
Start Date: 10/01/2014

15	54054015-CC	17.8	42220 - Natural Jack Pine	High Density Pole	83		Harvest	Clearcut	4212 - Planted Jack Pine	Cmpt. Review Proposal
----	-------------	------	------------------------------	-------------------------	----	--	---------	----------	-----------------------------	--------------------------

Prescription Clearcut per specifications of Timber Sale Contract 54-039-10-01. Prescription was approved at compartment review on September 23, 2003.
Specs:

Other
Comments:

Next Plant jack pine. Acceptable regeneration is any combination of jack pine, oak, aspen, spruce, fir, red pine, or white pine resulting in a medium or well stocked stand incontrovertibly dominated by unsuppressed jack pine. Site prep may require thermal, chemical or mechanical methods.
Steps:

Proposed
Start Date: 10/01/2014

16	54054016- CCR	11.0	4130 - Aspen	High Density Log	45		Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
----	------------------	------	--------------	---------------------	----	--	---------	---------------------------	-------------	--------------------------

Prescription CCR. 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. Retain clumps of oak for mast production.

Other
Comments:

Next Regen survey. Acceptable regeneration is any combination of aspen, oak, spruce, fir, jack pine, red pine, or white pine resulting in a medium or well stocked stand.
Steps:

Proposed
Start Date: 10/01/2014

18	54054018- CCR	13.7	4191 - Mixed Upland Deciduous with Conifer	High Density Log	82	51-80	Harvest	Clearcut with Reserves	4211 - Planted Red Pine	Cmpt. Review Proposal
----	------------------	------	--	---------------------	----	-------	---------	---------------------------	----------------------------	--------------------------

Prescription CCR. 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 Use current, standard trail specs for safety and infrastructure protection.
Comments:

Next Plant red pine. Acceptable regeneration is any combination of red pine, aspen, oak, spruce, fir, jack pine, or white pine resulting in a medium or well stocked stand incontrovertibly dominated by unsuppressed red pine. Site prep may require thermal, chemical or mechanical methods.
Steps:

Proposed
Start Date: 10/01/2014



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
20	54054020- CCR	27.7	42210 - Natural Red Pine	Medium Density Log	82	51-80	Harvest	Clearcut with Reserves	4211 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> CCR. 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.										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u> Plant red pine. Acceptable regeneration is any combination of red pine, aspen, oak, spruce, fir, jack pine, or white pine resulting in a medium or well stocked stand incontrovertibly dominated by unsuppressed red pine. Site prep may require thermal, chemical or mechanical methods.										
<u>Proposed</u> <u>Start Date:</u> 10/01/2014										
21	54054021-CC	47.2	42220 - Natural Jack Pine	High Density Pole	83		Harvest	Clearcut	4212 - Planted Jack Pine	Cmpt. Review Proposal
<u>Prescription</u> Clearcut per specifications of Timber Sale Contract 54-039-10-01. Prescription was approved at compartment review on September 23, 2003.										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u> Plant jack pine. Acceptable regeneration is any combination of jack pine, oak, aspen, spruce, fir, red pine, or white pine resulting in a medium or well stocked stand incontrovertibly dominated by unsuppressed jack pine. Site prep may require thermal, chemical or mechanical methods.										
<u>Proposed</u> <u>Start Date:</u> 10/01/2014										
22	54054022-CC	11.7	42220 - Natural Jack Pine	High Density Pole	85		Harvest	Clearcut	4212 - Planted Jack Pine	Cmpt. Review Proposal
<u>Prescription</u> Clearcut per specifications of Timber Sale Contract 54-039-10-01. Prescription was approved at compartment review on September 23, 2003.										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u> Plant jack pine. Acceptable regeneration is any combination of jack pine, oak, aspen, spruce, fir, red pine, or white pine resulting in a medium or well stocked stand incontrovertibly dominated by unsuppressed jack pine. Site prep may require thermal, chemical or mechanical methods.										
<u>Proposed</u> <u>Start Date:</u> 10/01/2014										
23	54054023-CC	11.9	42220 - Natural Jack Pine	High Density Pole	85		Harvest	Clearcut	4212 - Planted Jack Pine	Cmpt. Review Proposal
<u>Prescription</u> Clearcut per specifications of Timber Sale Contract 54-039-10-01. Prescription was approved at compartment review on September 23, 2003.										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u> Plant jack pine. Acceptable regeneration is any combination of jack pine, oak, aspen, spruce, fir, red pine, or white pine resulting in a medium or well stocked stand incontrovertibly dominated by unsuppressed jack pine. Site prep may require thermal, chemical or mechanical methods.										
<u>Proposed</u> <u>Start Date:</u> 10/01/2014										

S
t
a
n
d

Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
24 54054024-CC	6.5	42220 - Natural Jack Pine	High Density Pole	83		Harvest	Clearcut	4212 - Planted Jack Pine	Cmpt. Review Proposal

Prescription Clearcut per specifications of Timber Sale Contract 54-039-10-01. Prescription was approved at compartment review on September 23, 2003.
Specs:

Other
Comments:

Next Plant jack pine. Acceptable regeneration is any combination of jack pine, oak, aspen, spruce, fir, red pine, or white pine resulting in a medium or well stocked stand incontrovertibly dominated by unsuppressed jack pine. Site prep may require thermal, chemical or mechanical methods.
Steps:

Proposed
Start Date: 10/01/2014

34 54054034-CC	13.6	42220 - Natural Jack Pine	High Density Pole	83		Harvest	Clearcut	4212 - Planted Jack Pine	Cmpt. Review Proposal
----------------	------	---------------------------	-------------------	----	--	---------	----------	--------------------------	-----------------------

Prescription Clearcut per specifications of Timber Sale Contract 54-039-10-01. Prescription was approved at compartment review on September 23, 2003.
Specs:

Other
Comments:

Next Plant jack pine. Acceptable regeneration is any combination of jack pine, oak, aspen, spruce, fir, red pine, or white pine resulting in a medium or well stocked stand incontrovertibly dominated by unsuppressed jack pine. Site prep may require thermal, chemical or mechanical methods.
Steps:

Proposed
Start Date: 10/01/2014

41 54054041-CC	36.0	42221 - Natural Jack Pine, Mixed Deciduous	High Density Pole	83		Harvest	Clearcut	4125 - Black, N. Pin Oak	Cmpt. Review Proposal
----------------	------	--	-------------------	----	--	---------	----------	--------------------------	-----------------------

Prescription Clearcut per specifications of Timber Sale Contract 54-039-10-01. Prescription was approved at compartment review on September 23, 2003.
Specs:

Other
Comments:

Next Regen survey. Expected regeneration is northern pin oak. Acceptable regeneration is any combination of oak, jack pine, aspen, spruce, fir, red pine, or white pine resulting in a medium or well stocked stand.
Steps:

Proposed
Start Date: 10/01/2014

42 54054042-CCR	5.7	42210 - Natural Red Pine	High Density Log	87	111-140	Harvest	Clearcut with Reserves	4211 - Planted Red Pine	Cmpt. Review Proposal
-----------------	-----	--------------------------	------------------	----	---------	---------	------------------------	-------------------------	-----------------------

Prescription CCR. 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. May need to square off shape of stand for more efficient planting operations.
Specs:

Other
Comments:

Next Plant red pine. Acceptable regeneration is any combination of red pine, aspen, oak, spruce, fir, jack pine, or white pine resulting in a medium or well stocked stand incontrovertibly dominated by unsuppressed red pine. Site prep may require thermal, chemical or mechanical methods.
Steps:

Proposed
Start Date: 10/01/2014



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
46	54054046-CC	18.8	42220 - Natural Jack Pine	High Density Pole	83		Harvest	Clearcut	4212 - Planted Jack Pine	Cmpt. Review Proposal

Prescription Clearcut per specifications of Timber Sale Contract 54-039-10-01. Prescription was approved at compartment review on September 23, 2003.

Specs:

Other

Comments:

Next Steps: Plant jack pine. Acceptable regeneration is any combination of jack pine, oak, aspen, spruce, fir, red pine, or white pine resulting in a medium or well stocked stand incontrovertibly dominated by unsuppressed jack pine. Site prep may require thermal, chemical or mechanical methods.

Proposed

Start Date: 10/01/2014

52	54054052-CT	13.0	42110 - Planted Red Pine	High Density Log	52	171-200	Harvest	Crown Thinning	4211 - Planted Red Pine	Cmpt. Review Proposal
----	-------------	------	-----------------------------	---------------------	----	---------	---------	----------------	----------------------------	--------------------------

Prescription Mark to remove 1/3 of volume. Has been 3rd row thinned. Do not mark trees with ORV markers, unless they are a safety hazard.

Specs:

Other

Use current, standard trail specs for safety and infrastructure protection.

Comments:

Next

Steps:

Proposed

Start Date: 10/01/2014

53	54054053- 3rd_Row	12.6	42110 - Planted Red Pine	High Density Pole	52	141-170	Harvest	Systematic Thinning	4211 - Planted Red Pine	Cmpt. Review Proposal
----	----------------------	------	-----------------------------	-------------------------	----	---------	---------	------------------------	----------------------------	--------------------------

Prescription Remove every 3rd row. Remove all jack pine from spaces immediately to either side of removed rows.

Specs:

Other

Use current, standard trail specs for safety and infrastructure protection.

Comments:

Next

Steps:

Proposed

Start Date: 10/01/2014

57	54054057-CC	10.1	42220 - Natural Jack Pine	High Density Pole	83		Harvest	Clearcut	4212 - Planted Jack Pine	Cmpt. Review Proposal
----	-------------	------	------------------------------	-------------------------	----	--	---------	----------	-----------------------------	--------------------------

Prescription Clearcut per specifications of Timber Sale Contract 54-039-10-01. Prescription was approved at compartment review on September 23, 2003.

Specs:

Other

Comments:

Next Steps: Plant jack pine. Acceptable regeneration is any combination of jack pine, oak, aspen, spruce, fir, red pine, or white pine resulting in a medium or well stocked stand incontrovertibly dominated by unsuppressed jack pine. Site prep may require thermal, chemical or mechanical methods.

Proposed

Start Date: 10/01/2014

S
t
a
n
d

Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
86 54054086-CCR	33.4	4130 - Aspen	High Density Pole	44		Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal

Prescription CCR. 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. Use 2" cutting spec.

Other Use current, standard trail specs for safety and infrastructure protection. Consider leaving retention on trails, especially at intersections.
Comments:

Next Regen survey. Acceptable regeneration is any combination of aspen, oak, spruce, fir, jack pine, red pine, or white pine resulting in a medium or well stocked stand.
Steps:

Proposed
Start Date: 10/01/2014

99 54054099-CCR	101.3	4131 - Aspen, Oak	High Density Pole	44		Harvest	Clearcut with Reserves	4131 - Aspen, Oak	Cmpt. Review Proposal
-----------------	-------	-------------------	-------------------	----	--	---------	------------------------	-------------------	-----------------------

Prescription Harvest up to 1/3 of stand in one or two CCR's. Retain 3 to 10 percent of each CCR in one or more patches. Location(s) of patches will be determined during sale prep and will be representative of the CCR's species mix as a whole. Use 2" cutting spec for maple. Retain clumps of oak for mast production.

Other This treatment seeks to begin break-up the age class distribution of stand 99.
Comments:

Next Regen survey. Acceptable regeneration is any combination of aspen, oak, spruce, fir, jack pine, red pine, or white pine resulting in a medium or well stocked stand.
Steps:

Proposed
Start Date: 10/01/2014

102 54054102-CCR	13.8	4311 - Pine, Aspen Mix	High Density Log	87	111-140	Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
------------------	------	------------------------	------------------	----	---------	---------	------------------------	-------------	-----------------------

Prescription CCR. 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. Use 2" cutting spec for maple. Treatment will exclude northern part of stand which intergrades into a conifer heavy broad drainage. Mark for retention any legacy trees within the treatment area.

Other
Comments:

Next Regen survey. Acceptable regeneration is any combination of aspen, oak, spruce, fir, jack pine, red pine, or white pine resulting in a medium or well stocked stand.
Steps:

Proposed
Start Date: 10/01/2014

113 54054113-CT	13.5	42110 - Planted Red Pine	High Density Log	55	171-200	Harvest	Crown Thinning	4211 - Planted Red Pine	Cmpt. Review Proposal
-----------------	------	--------------------------	------------------	----	---------	---------	----------------	-------------------------	-----------------------

Prescription Mark to remove 1/3 of volume. Has been 3rd row thinned.
Specs:

Other
Comments:

Next
Steps:

Proposed
Start Date: 10/01/2014



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
116	54054116- CCR	6.0	42210 - Natural Red Pine	High Density Log	86	111-140	Harvest	Clearcut with Reserves	4211 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> CCR. 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. May need to square off shape of stand for more efficient planting operations.										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u> Plant red pine. Acceptable regeneration is any combination of red pine, aspen, oak, spruce, fir, jack pine, or white pine resulting in a medium or well stocked stand incontrovertibly dominated by unsuppressed red pine. Site prep may require thermal, chemical or mechanical methods.										
<u>Proposed</u> <u>Start Date:</u> 10/01/2014										
117	54054117- CCR	3.5	42210 - Natural Red Pine	Medium Density Log	87	111-140	Harvest	Clearcut with Reserves	4211 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> CCR. 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. Use 2" cutting spec for maple. May need to square off shape of stand for more efficient planting operations.										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u> Plant red pine. Acceptable regeneration is any combination of red pine, aspen, oak, spruce, fir, jack pine, or white pine resulting in a medium or well stocked stand incontrovertibly dominated by unsuppressed red pine. Site prep may require thermal, chemical or mechanical methods.										
<u>Proposed</u> <u>Start Date:</u> 10/01/2014										
118	54054118-CT	12.2	42110 - Planted Red Pine	High Density Log	51	200+	Harvest	Crown Thinning	4211 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Mark to remove 1/3 of volume. Has been 3rd row thinned.										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u>										
<u>Proposed</u> <u>Start Date:</u> 10/01/2014										
121	54054121- CCR	10.1	4135 - Aspen, Cedar	High Density Log	87		Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> CCR. Do not cut cedar. 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.										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u> This stand consists of barely-upland areas of aspen-maple-fir plus drainages of nearly pure cedar. It may be possible to harvest some aspen areas without encroaching on the cedar. Stay out of cedar drainages.										
<u>Next</u> <u>Steps:</u> Regen survey. Acceptable regeneration is any combination of aspen, oak, fir, jack pine, red pine, or white pine resulting in a medium or well stocked stand.										
<u>Proposed</u> <u>Start Date:</u> 10/01/2014										
133	54054133- CCR	4.7	6112 - Lowland Aspen	High Density Log	85		Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> CCR. 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.										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u> Regen survey. Acceptable regeneration is any combination of aspen, oak, spruce, fir, jack pine, red pine, or white pine resulting in a medium or well stocked stand.										
<u>Proposed</u> <u>Start Date:</u> 10/01/2014										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
139	54054139-CT	14.9	42110 - Planted Red Pine	High Density Log	55	200+	Harvest	Crown Thinning	4211 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Mark to remove 1/3 of volume. Has been 3rd row thinned.										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u>										
<u>Proposed</u> <u>Start Date:</u> 10/01/2014										
143	54054143- CCR	7.9	6112 - Lowland Aspen	Medium Density Log	85		Harvest	Clearcut with Reserves	6112 - Lowland Aspen	Cmpt. Review Proposal
<u>Prescription</u> CCR. 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.										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u> Regen survey. Acceptable regeneration is any combination of aspen, spruce, fir, jack pine, red pine, or white pine resulting in a medium or well stocked stand.										
<u>Proposed</u> <u>Start Date:</u> 10/01/2014										
92	NF_54054092- Burn	14.4	3102 - Grass				Prescribed Burn	Unspecified	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Burn to maintain opening and grasses. If burn is not funded, treat mechanically.										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u> Monitor and treat on rotation										
<u>Proposed</u> <u>Start Date:</u> Unspecified										
1	NF_54054001- NonFor	5.2	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain opening using mechanical methods, fire, or planting to food and cover crops for wildlife.										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u> Monitor and treat on rotation										
<u>Proposed</u> <u>Start Date:</u> Unspecified										
3	NF_54054003- NonFor	4.5	320 - Upland Shrub				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain opening using mechanical methods, fire, or planting to food and cover crops for wildlife										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> <u>Steps:</u> Monitor and treat on rotation										
<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
8	NF_54054008- NonFor	4.4	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain opening using mechanical methods, fire, or planting to food and cover crops for wildlife										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> Monitor and treat on rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
17	NF_54054017- NonFor	2.2	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain opening using mechanical methods, fire, or planting to food and cover crops for wildlife										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> Monitor and treat on rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
27	NF_54054027- NonFor	3.6	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain opening using mechanical methods, fire, or planting to food and cover crops for wildlife										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> Monitor and treat on rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
43	NF_54054043- NonFor	8.1	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain opening using mechanical methods, fire, or planting to food and cover crops for wildlife										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> Monitor and treat on rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
107	NF_54054107- NonFor	5.9	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain opening using mechanical methods, fire, or planting to food and cover crops for wildlife										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> Monitor and treat on 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
115	NF_54054115- NonFor	2.2	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain opening using mechanical methods, fire, or planting to food and cover crops for wildlife										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> Monitor and treat on rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
132	NF_54054132- NonFor	6.6	310 - Herbaceous Openland				Non-Forest Management	Other - Specify	310 - Herbaceous Openland	Cmpt. Review Proposal
<u>Prescription</u> Maintain opening using mechanical methods, fire, or planting to food and cover crops for wildlife										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> Monitor and treat on rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
138	NF_54054138- NonFor	3.5	310 - Herbaceous Openland				Non-Forest Management	Other - Specify	310 - Herbaceous Openland	Cmpt. Review Proposal
<u>Prescription</u> Maintain opening using mechanical methods, fire, or planting to food and cover crops for wildlife										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> Monitor and treat on rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
141	NF_54054141- NonFor	4.1	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain opening using mechanical methods, fire, or planting to food and cover crops for wildlife										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> Monitor and treat on rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
153	NF_54054153- NonFor	1.0	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain opening using mechanical methods, fire, or planting to food and cover crops for wildlife										
<u>Specs:</u>										
<u>Other</u> <u>Comments:</u>										
<u>Next</u> Monitor and treat on rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										

S
t
a
n
d

Atlanta Mgt. Unit

**Report 3 -- Treatments Prescribed
with No Limiting Factor**

Compartment: 054
Year of Entry 2015



Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
Total Treatment Acreage Proposed:		635.4							

S
t
a
n
d

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

#Type!

#Type!

Prescription
Specs:

Other
Comment:

Next
Steps:

Proposed
Start Date: #Type!

Limiting Factor

Total Treatment
Acreage Proposed: 0.0

Report 5 – Site Conditions

Atlanta Mgt. Unit

Compartment 054

Richard Barber : Examiner

Year of Entry 2015

Availability for Management

Total Acres	Acres		Dominant Site Conditions	Dominant Site Conditions					
	Available	Not Available		No	5C	5A	2G	2B	1C
827	798	28	Aspen	798					28
171	2	169	Cedar	2		169			
321	321		Jack Pine	321					
13	13		Lowland Aspen/Balsam Poplar	13					
16		16	Lowland Conifers				16		
23	7	16	Lowland Deciduous	7			16		
120	120		Mixed Upland Deciduous	120					
76	76		Natural Mixed Pines	76					
20	20		Northern Hardwood	20					
138	138		Oak	6	132				
187	187		Red Pine	187					
10		10	Tamarack				10		
13	13		Upland Conifers	13					
133	127	6	Upland Mixed Forest	110	17				6
6	6		Upland Spruce/Fir					6	
39	39		White Pine	39					
2,112	1,866	246	Total Forested Acres	1,712	149	169	43	6	34
	88%	12%	Relative Percent						

**Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.*

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
013	Not Available	2G: Too wet (sensitive soils, does not include access issues)	4				
Comments:							

Report 5 – Site Conditions

Atlanta Mgt. Unit
Richard Barber : Examiner

Compartment 054
Year of Entry 2015

014	Not Available	2G: Too wet (sensitive soils, does not include access issues)	7		
Comments:					
015	Not Available	1C: Other dept or div proc/practices	16	5C: Delay treatment for age/size class diversity or exceptional site quality	
Comments: Aspen rotation age for Thunder Bay Outwash management area is 60 years.					
016	Not Available	1C: Other dept or div proc/practices	13	5C: Delay treatment for age/size class diversity or exceptional site quality	
Comments: Aspen rotation age for Thunder Bay Outwash management area is 60 years.					
017	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	61		
Comments: Shelterwood at 16" DBH.					
018	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	23		
Comments: Shelterwood at 16" DBH.					

Report 5 – Site Conditions

Atlanta Mgt. Unit
Richard Barber : Examiner

Compartment 054
Year of Entry 2015

019	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	
Comments: Shelterwood at 16" DBH.				
020	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	
Comments: Shelterwood at 16" DBH.				
021	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	
Comments: Shelterwood at 16" DBH.				
022	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	12	
Comments: Shelterwood at 16" DBH.				
023	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	18	
Comments: Shelterwood at 16" DBH.				
024	Not Available	2G: Too wet (sensitive soils, does not include access issues)	7	
Comments:				

Report 5 – Site Conditions

Atlanta Mgt. Unit
Richard Barber : Examiner

Compartment 054
Year of Entry 2015

025	Available	2B: Unknown if access through adjacent landowner(s) is possible	6	
Comments:				
026	Not Available	2G: Too wet (sensitive soils, does not include access issues)	16	
Comments:				
027	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	17	
Comments:				
028	Not Available	2G: Too wet (sensitive soils, does not include access issues)	9	
Comments:				
029	Not Available	5A: Not able to obtain desirable regeneration	9	2G: Too wet (sensitive soils, does not include access issues)
Comments:				
030	Not Available	5A: Not able to obtain desirable regeneration	8	2G: Too wet (sensitive soils, does not include access issues)
Comments:				

Report 5 – Site Conditions

Atlanta Mgt. Unit
Richard Barber : Examiner

Compartment 054
Year of Entry 2015

031	Not Available	5A: Not able to obtain desirable regeneration	11	2G: Too wet (sensitive soils, does not include access issues)	
Comments:					
032	Not Available	5A: Not able to obtain desirable regeneration	25	2G: Too wet (sensitive soils, does not include access issues)	
Comments:					
033	Not Available	5A: Not able to obtain desirable regeneration	18	2G: Too wet (sensitive soils, does not include access issues)	
Comments:					
034	Not Available	5A: Not able to obtain desirable regeneration	46	2G: Too wet (sensitive soils, does not include access issues)	
Comments:					
035	Not Available	5A: Not able to obtain desirable regeneration	33	2G: Too wet (sensitive soils, does not include access issues)	
Comments:					
036	Not Available	5A: Not able to obtain desirable regeneration	20		
Comments:					

Report 5 – Site Conditions

Atlanta Mgt. Unit

Richard Barber : Examiner

Compartment 054

Year of Entry 2015

037	Not Available	1C: Other dept or div proc/practices	6	5C: Delay treatment for age/size class diversity or exceptional site quality
-----	---------------	---	---	---

Comments:

This 6-acre patch contains an abundance of legacy trees-both white pine and red pine. This will become a separate stand following the treatment to the immediate south. Next entry, this area will be re-evaluated for regeneration treatments.

**Report 6 – 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.

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Other SCA 1 Comments	Other SCA		SCA Removal	37.7
Other SCA 2 Comments	Other SCA		SCA Removal	44.7
Other SCA 3 Comments	Other SCA		SCA Removal	51.0



Report 7 – 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	Archaeological Site	An aquatic or terrestrial area of the State that contains physical remains of human occupation. These are sites of cultural and historical significance that may occur upon terrestrial areas and Great Lakes bottomlands. They include thousands of Native American settlements and burial sites, as well as French and British outposts, nineteenth century logging camps, mines and homesteads. Beneath the waters of the Great Lakes, there are shipwrecks and other remains documenting the maritime trade. Such sites may be identified by Natural heritage data from the State Historic Preservation Office. Proposed treatments in this compartment will be implemented in such a manner as to maintain the integrity of these sites. Due to the sensitive nature of this information, no further detail about location is available.
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	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.

S
t
a
n
d

Atlanta Mgt. Unit

Report 8 – Forested Stands

Compartment: 054
Year of Entry: 2015

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4199 - Other Mixed Upland Deciduous	High Density Log	58.2	44	81-110	
42220 - Natural Jack Pine	High Density Pole	10.2	83		
4134 - Aspen, Spruce/Fir	High Density Pole	1.2	45		
6120 - Lowland Cedar	High Density Log	2.2	80		
42210 - Natural Red Pine	Medium Density Log	6.3	82	1-50	
4130 - Aspen	High Density Pole	21.7	37		
42220 - Natural Jack Pine	High Density Pole	21.1	83		
42211 - Natural Red Pine, Mixed Deciduous	High Density Log	9.1	82	51-80	
4130 - Aspen	High Density Pole	44.4	45		
42220 - Natural Jack Pine	High Density Pole	17.8	83		
4130 - Aspen	High Density Log	11.0	45		
4191 - Mixed Upland Deciduous with Conifer	High Density Log	13.7	82	51-80	
42260 - Natural Pine, Mixed Deciduous	High Density Log	13.5	33	51-80	
42210 - Natural Red Pine	Medium Density Log	27.7	82	51-80	
42220 - Natural Jack Pine	High Density Pole	47.2	83		
42220 - Natural Jack Pine	High Density Pole	11.7	85		
42220 - Natural Jack Pine	High Density Pole	11.9	85		
42220 - Natural Jack Pine	High Density Pole	6.5	83		

S
t
a
n
d

Atlanta Mgt. Unit

Report 8 – Forested Stands

Compartment: 054
Year of Entry: 2015

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
26	6121 - Tamarack	High Density Pole	3.6	83		
28	4130 - Aspen	High Density Sapling	7.7	37		
29	4131 - Aspen, Oak	High Density Sapling	5.3	15		
30	4131 - Aspen, Oak	High Density Pole	33.5	37		
31	4199 - Other Mixed Upland Deciduous	Medium Density	18.1	7		
33	42120 - Planted Jack Pine	High Density Sapling	41.8	15		
34	42220 - Natural Jack Pine	High Density Pole	13.6	83		
35	4130 - Aspen	High Density Sapling	6.0	15		
37	4130 - Aspen	High Density Pole	6.4	36		
38	6121 - Tamarack	High Density Pole	6.6	83		
41	42221 - Natural Jack Pine, Mixed Deciduous	High Density Pole	36.0	83		
42	42210 - Natural Red Pine	High Density Log	5.7	87	111-140	
44	4130 - Aspen	High Density Sapling	5.4	15		
46	42220 - Natural Jack Pine	High Density Pole	18.8	83		
47	4139 - Aspen, Mixed Deciduous	High Density Pole	12.4	36		
49	42110 - Planted Red Pine	High Density Pole	14.3	53	111-140	
50	4125 - Black, N. Pin Oak	Medium Density	5.6	15		
51	4133 - Aspen, Mixed Pine	High Density Log	43.2	36		

S
t
a
n
d

Atlanta Mgt. Unit

Report 8 – Forested Stands

Compartment: 054
Year of Entry: 2015

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
52	42110 - Planted Red Pine	High Density Log	13.0	52	171-200	
53	42110 - Planted Red Pine	High Density Pole	12.6	52	141-170	
54	42220 - Natural Jack Pine	High Density Sapling	6.8	17		
55	6120 - Lowland Cedar	High Density Log	11.3	83		
56	4310 - Pine, Oak Mix	Low Density Sapling	23.5	7		
57	42220 - Natural Jack Pine	High Density Pole	10.1	83		
58	4123 - Red Oak	Low Density Log	60.9	85	1-50	
59	4310 - Pine, Oak Mix	High Density Log	51.9	83	51-80	
60	4311 - Pine, Aspen Mix	Low Density Log	5.4	35		
61	4131 - Aspen, Oak	High Density Sapling	42.6	15		
62	42220 - Natural Jack Pine	High Density Pole	7.7	35		
63	4131 - Aspen, Oak	High Density Sapling	5.8	17		
64	6120 - Lowland Cedar	High Density Log	24.6	83		
67	4130 - Aspen	High Density Log	7.9	35		
69	42260 - Natural Pine, Mixed Deciduous	High Density Log	9.5	83		
71	42110 - Planted Red Pine	High Density Log	16.4	52	111-140	
72	42110 - Planted Red Pine	High Density Log	17.6	53	81-110	
73	4130 - Aspen	High Density Pole	12.5	36		

S
t
a
n
d

Atlanta Mgt. Unit

Report 8 – Forested Stands

Compartment: 054
Year of Entry: 2015

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
76	4131 - Aspen, Oak	High Density Pole	24.2	35		
79	4133 - Aspen, Mixed Pine	High Density Log	8.3	38		
81	4131 - Aspen, Oak	High Density Sapling	10.0	17		
82	4131 - Aspen, Oak	High Density Log	54.2	38		
83	42220 - Natural Jack Pine	High Density Pole	18.4	36		
84	4131 - Aspen, Oak	High Density Sapling	18.6	7		
86	4130 - Aspen	High Density Pole	33.4	44		
87	42121 - Planted Jack Pine, Mixed Deciduous	High Density Sapling	33.8	17		
88	4130 - Aspen	High Density Pole	16.9	35		
89	4123 - Red Oak	Medium Density Log	22.9	83	51-80	
90	42290 - Natural Mixed Pine	High Density Log	6.3	83	111-140	
91	42260 - Natural Pine, Mixed Deciduous	High Density Log	1.9	50	81-110	
93	4130 - Aspen	High Density Pole	15.6	51		
94	4131 - Aspen, Oak	High Density Sapling	30.1	24		
95	4130 - Aspen	High Density Sapling	18.0	17		
96	42121 - Planted Jack Pine, Mixed Deciduous	High Density Sapling	8.0	19		
98	4130 - Aspen	High Density Pole	12.9	51		
99	4131 - Aspen, Oak	High Density Pole	243.8	44		

S
t
a
n
d

Atlanta Mgt. Unit

Report 8 – Forested Stands

Compartment: 054
Year of Entry: 2015

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
6120 - Lowland Cedar	High Density Log	7.6	85		
4130 - Aspen	High Density Pole	4.3	50		
4311 - Pine, Aspen Mix	High Density Log	19.6	87	111-140	
6120 - Lowland Cedar	High Density Pole	8.7	85		
4123 - Red Oak	Low Density Log	9.5	84	51-80	New stand added.
429 - Mixed Upland Conifers	High Density Log	5.6	50		
4123 - Red Oak	Medium Density Log	4.7	84	1-50	
4123 - Red Oak	Low Density Log	4.6	84	1-50	
4123 - Red Oak	Medium Density Log	11.8	84	1-50	
4123 - Red Oak	Low Density Log	18.0	84	1-50	
4199 - Other Mixed Upland Deciduous	High Density Log	29.8	83	81-110	
42110 - Planted Red Pine	High Density Log	13.5	55	171-200	
42200 - Natural White Pine	High Density Log	1.4	55	171-200	
42210 - Natural Red Pine	High Density Log	6.0	86	111-140	
42210 - Natural Red Pine	Medium Density Log	3.5	87	111-140	
42110 - Planted Red Pine	High Density Log	12.2	51	200+	
42200 - Natural White Pine	High Density Log	37.3	86	81-110	
4135 - Aspen, Cedar	High Density Log	10.1	87		



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
122	4112 - Maple, Beech, Cherry Association	High Density Log	19.8	87		
123	6117 - Lowland Deciduous, Mixed Coniferous	High Density Log	6.9	86		
124	4130 - Aspen	High Density Pole	4.4	39		
125	6120 - Lowland Cedar	High Density Pole	17.7	89		
127	42260 - Natural Pine, Mixed Deciduous	Medium Density Pole	2.1	85		
129	4133 - Aspen, Mixed Pine	High Density Pole	3.6	38		
130	42211 - Natural Red Pine, Mixed Deciduous	High Density Log	2.6	Uneven Age	111-140	
131	4130 - Aspen	High Density Log	3.5	56		
133	6112 - Lowland Aspen	High Density Log	4.7	85		
134	6117 - Lowland Deciduous, Mixed Coniferous	High Density Log	6.6	40		
135	4130 - Aspen	High Density Pole	4.7	39		
136	4311 - Pine, Aspen Mix	High Density Pole	9.4	13	1-50	
137	6115 - Lowland Ash	Low Density Sapling	9.4	38		
139	42110 - Planted Red Pine	High Density Log	14.9	55	200+	
140	4134 - Aspen, Spruce/Fir	High Density Pole	14.3	38		
142	4130 - Aspen	High Density Pole	15.8	40		
143	6112 - Lowland Aspen	Medium Density Log	7.9	85		
144	42330 - Upland Fir	High Density Pole	5.7	85		

S
t
a
n
d

Atlanta Mgt. Unit

Report 8 – Forested Stands

Compartment: 054
Year of Entry: 2015



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
145	4130 - Aspen	High Density Sapling	13.1	13		
146	4310 - Pine, Oak Mix	High Density Pole	6.3	95	51-80	
147	42290 - Natural Mixed Pine	High Density Log	42.9	95	81-110	
148	6120 - Lowland Cedar	High Density Log	19.5	81		
151	4311 - Pine, Aspen Mix	High Density Log	16.7	81		
152	42110 - Planted Red Pine	High Density Log	11.6	39	81-110	
154	6120 - Lowland Cedar	High Density Log	33.4	81		
155	429 - Mixed Upland Conifers	High Density Pole	7.7	36		
156	6123 - Lowland Fir	High Density Sapling	16.0	81		
157	6120 - Lowland Cedar	High Density Log	46.1	81		



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
1	3102 - Grass	5.2	Unspecified	Unspecified	
3	320 - Upland Shrub	4.5	Unspecified	Unspecified	
8	3102 - Grass	4.4	Unspecified	Unspecified	
11	3102 - Grass	1.0	Unspecified	Unspecified	
13	11 - Low Intensity Urban	2.9	Unspecified	Unspecified	
17	3102 - Grass	2.2	Unspecified	Unspecified	
25	3102 - Grass	1.1	Unspecified	Unspecified	
27	3102 - Grass	3.6	Unspecified	Unspecified	
32	330 - Low-Density Trees	4.1	Unspecified	Unspecified	
36	3102 - Grass	2.5	Unspecified	Unspecified	
39	320 - Upland Shrub	1.4	Unspecified	Unspecified	
40	3102 - Grass	1.5	Unspecified	Unspecified	
43	3102 - Grass	8.1	Unspecified	Unspecified	
45	622 - Lowland Shrub	5.5	Unspecified	Unspecified	Stand swapped from Forested to Non-Forested.
48	3102 - Grass	5.3	Unspecified	Unspecified	
65	320 - Upland Shrub	4.1	Unspecified	Unspecified	
66	3102 - Grass	2.1	Unspecified	Unspecified	
68	3102 - Grass	1.2	Unspecified	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
70	310 - Herbaceous Openland	25.3	Unspecified	Unspecified	
74	330 - Low-Density Trees	2.0	Unspecified	Unspecified	
75	122 - Road/Parking Lot	32.6	Unspecified	Unspecified	
77	3102 - Grass	1.7	Unspecified	Unspecified	
78	320 - Upland Shrub	1.1	Unspecified	Unspecified	
80	122 - Road/Parking Lot	3.5	Unspecified	Unspecified	
85	330 - Low-Density Trees	4.7	Unspecified	Unspecified	
92	3102 - Grass	14.4	Unspecified	Unspecified	
97	3102 - Grass	1.1	Unspecified	Unspecified	
106	320 - Upland Shrub	1.4	Unspecified	Unspecified	
107	3102 - Grass	5.9	Unspecified	Unspecified	
115	3102 - Grass	2.2	Unspecified	Unspecified	
120	3102 - Grass	1.9	Unspecified	Unspecified	
126	3102 - Grass	4.1	Unspecified	Unspecified	
128	623 - Emergent Wetland	8.0	Unspecified	Unspecified	
132	310 - Herbaceous Openland	6.6	Unspecified	Unspecified	
138	310 - Herbaceous Openland	3.5	Unspecified	Unspecified	
141	3102 - Grass	4.1	Unspecified	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
149	3102 - Grass	1.2	Unspecified	Unspecified	
150	622 - Lowland Shrub	53.3	Unspecified	Unspecified	
153	3102 - Grass	1.0	Unspecified	Unspecified	