



Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54030

Entry Year 2018

Acreage: 1,457

County Montmorency

Management Area: Rattlesnake Hills

Revision Date: 2016-06-09

Stand Examiner: Chad Fate

Legal Description:

T31N, R01E, Sec. 4, 5, & 6

Identified Planning Goals:

Timber and wildlife management along with natural gas extraction. This is part of the core Elk range.

Soil and topography:

Soils are sandy to loamy sands—typically Graycalm and Millersberg. Habitat types range from PARVHa/PArVVb to AFO. Topography is often hilly or steep.

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

Surrounding lands are mostly state ownership. Some private hunting properties are also located in the area.

Unique Natural Features:

None reported.

Archeological, Historical, and Cultural Features:

None Reported.

Special Management Designations or Considerations:

There have been problems with forest regeneration due to elk browsing.

Watershed and Fisheries Considerations:

No aquatic concerns reported.

Wildlife Habitat Considerations:

This compartment is an excellent opportunity to manage for wildlife. It is part of a multiple compartment, large scale block of public land providing contiguous wildlife pathways that are necessary for many of our large game animals such as elk and black bear. Habitat components of heavy aspen, hardwood, and oak provide food and cover for multiple species at a variety of age classes. We are working to maintain mast producing trees as well as keep a good age rotation of aspen in this compartment as well as adjacent compartments. Species which benefit from our management include elk, white-tailed deer, black bear, ruffed grouse, woodcock, and many other game and non-game species.

Mineral Resource and Development Concerns and/or Restrictions

Sections 4-6, T31N R1E, Montmorency County

Surface sediments consist almost entirely of coarse-textured till. The glacial drift thickness varies between 400 and 600 feet. Beneath the glacial drift is the Devonian Antrim Shale. The Antrim is quarried for cement products elsewhere in the state. A potential sand/gravel pit is located two miles to the south (in Section 18) and potential is good on the upland areas. Active gas production from the Antrim Shale is occurring within the compartment and all of the state minerals are currently under lease and held by production in unitized areas.

Vehicle Access:

Camp 30 Road and Black River Road are the 2 main roads for vehicle access. There are a few closed roads off Camp 30 Road to limit erosion and activity on the hill sides.

Survey Needs:

None.

Recreational Facilities and Opportunities:

Popular area for elk viewing/hunting and mushroom hunting and dispersed camping. A portion the High Country Pathway runs through the western part of the compartment.

Fire Protection:

Fire protection from the Atlanta field office and local VFD is adequate.

Additional Compartment Information:

The following reports from the Inventory are attached:

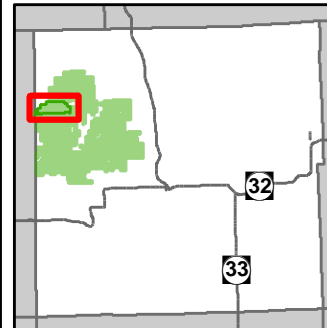
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

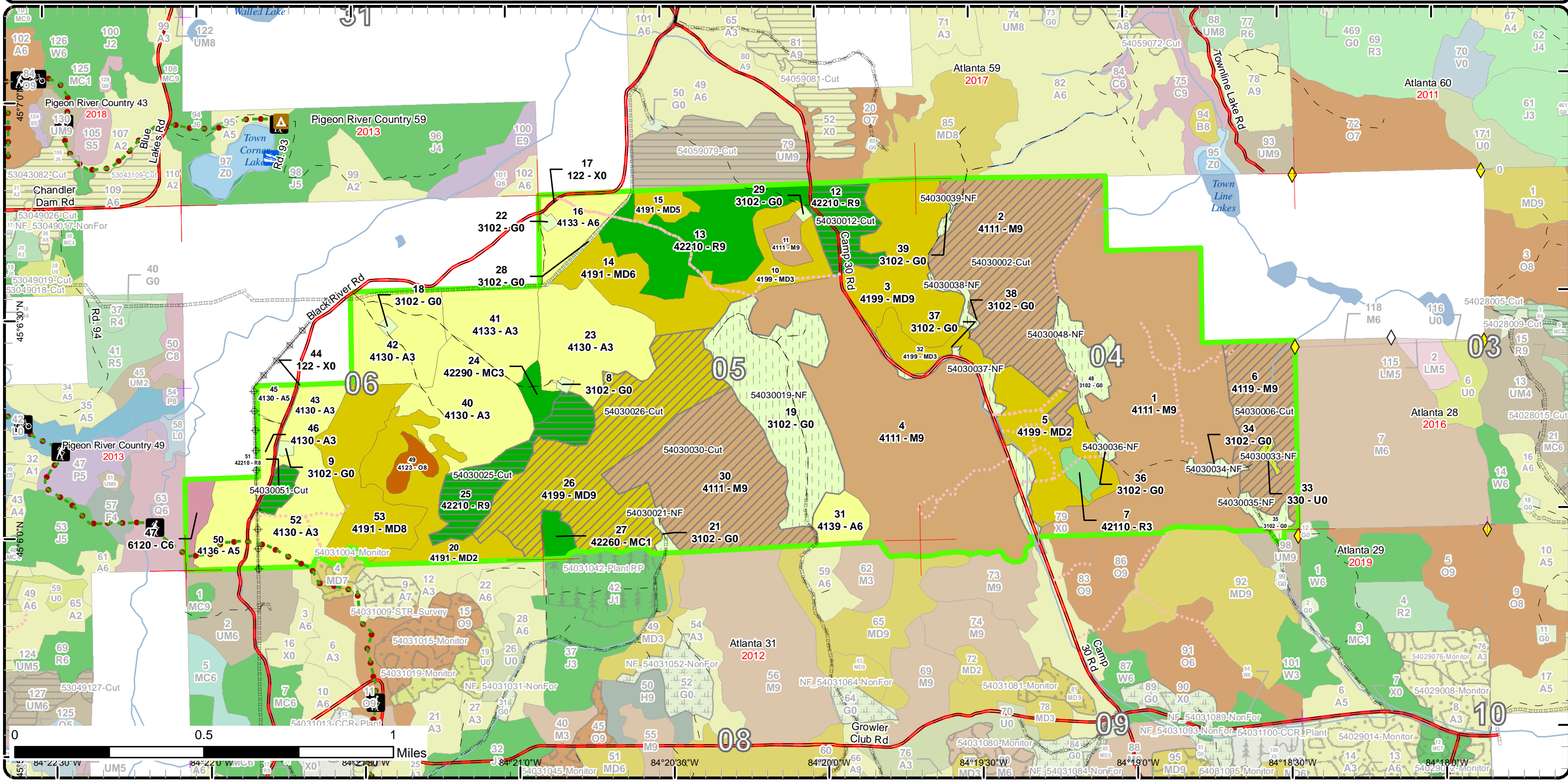
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 30
 T31N, R01E, Sec: 04 - 06
 County: Montmorency
 Unit: Atlanta
 Mgmt Area: Rattlesnake Hills
 YOE: 2018
 Acres: 1,457 GIS Calculated
 Examiner: Chad Fate
 Map Revised: 10/6/2016
 Map Phase: Post Review



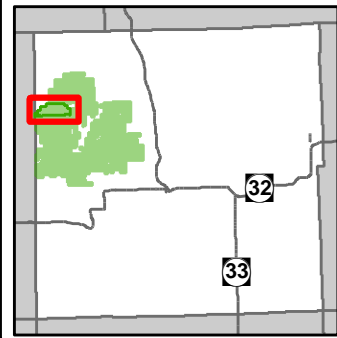
- Miris Corners
- + Remonumented Section Corners
- ◆ Survey Grade GPS Corners
- ◇ Field Grade GPS Corners
- ▲ Berms
- 🚤 Boating Access Site
- ⚠ Campground
- 🚲 Bike Trails
- 🚶 Hiking Trails
- 🏂 Ski Trails
- - - Designated Hiking Trails
- - - Designated Bicycle Trails
- Designated Equestrian Trails
- - - Designated Ski Trails
- Paved Roads
- County Gravel Roads
- - - Poor Dirt Roads
- - - Closed Roads
- Rivers
- Pipeline
- ⚡ Powerline
- ▭ Compartment Boundary
- ▭ Clearcut (w/Reserves)
- ▭ Opening Maintenance
- ▭ Thinning (Crown, Low, Systematic)
- ▭ 411 - Northern Hardwood
- ▭ 412 - Oak Types
- ▭ 413 - Aspen Types
- ▭ 419 - Mixed Upland Deciduous
- ▭ 421 - Planted Pines
- ▭ 422 - Natural Pines
- ▭ 612 - Lowland Coniferous Forest
- ▭ 122 - Roads/Parking Lot
- ▭ 310 - Herbaceous Openland
- ▭ 330 - Low Density Trees
- ▭ Lakes



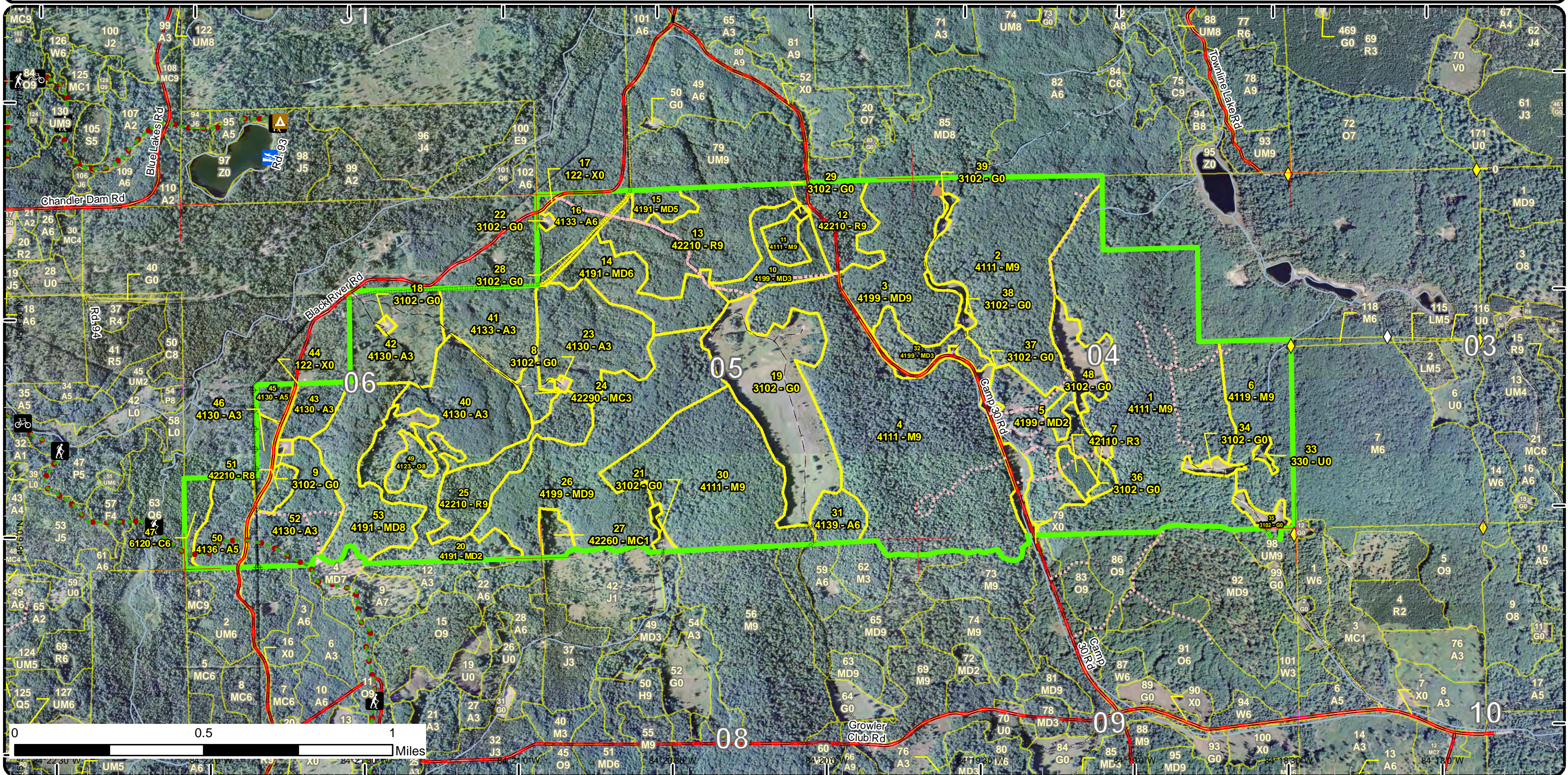
84°22'30"W 84°22'00"W 84°21'30"W 84°21'00"W 84°20'30"W 84°20'00"W 84°19'30"W 84°19'00"W 84°18'30"W 84°18'00"W

Stand Boundary Map

Compartment: 30
 T31N, R01E, Sec: 04 - 06
 County: Montmorency
 Unit: Atlanta
 Mgmt Area: Rattlesnake Hills
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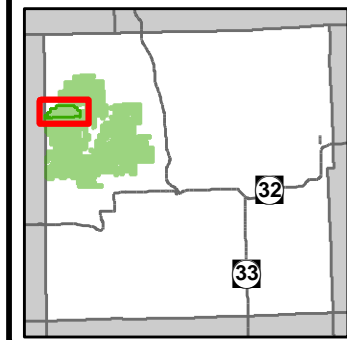


- Miris Corners
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- ◆ Survey Grade GPS Corners
- ◇ Field Grade GPS Corners
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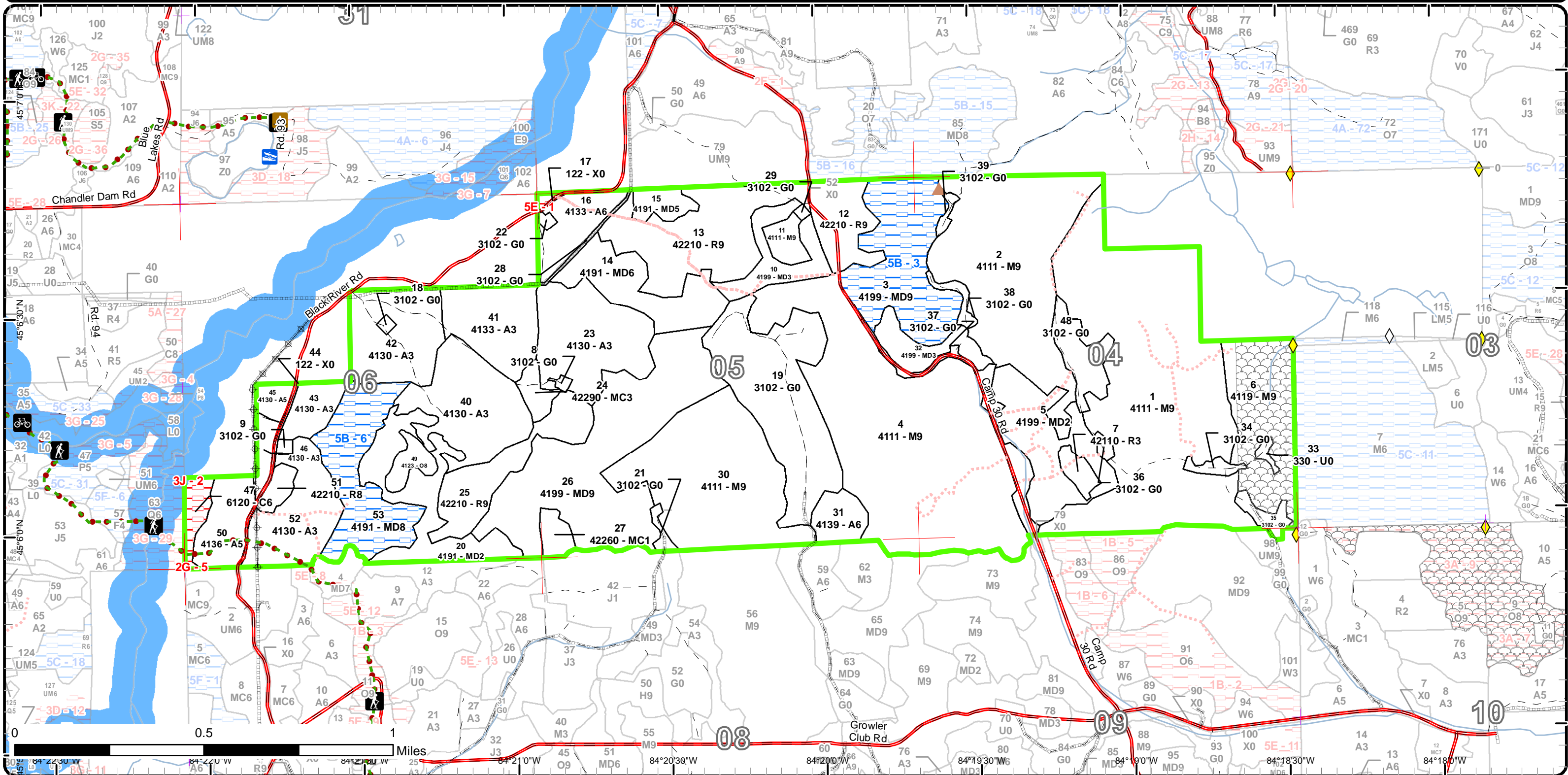


Special Conservation Areas & Site Conditions Map

Compartment: 30
 T31N, R01E, Sec: 04 - 06
 County: Montmorency
 Unit: Atlanta
 Mgmt Area: Rattlesnake Hills
 YOE: 2018
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- Designated Equestrian Trails
- Designated Ski Trails
- Paved Roads
- County Gravel Roads
- - Poor Dirt Roads
- - - Closed Roads
- Rivers
- Pipeline
- ⊕ Powerline
- ▭ Compartment Boundary
- Available w/ Constraints
- Unavailable
- 5B: Maintain for regeneration purposes
- 2G: Too wet (sensitive soils, does not include access issues)
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- ▭ Stand Boundaries
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer



Report 1 – Total Acres by Cover Type and Age Class

Atlanta Mgt. Unit
Chad Fate : Examiner

Compartment 30 Year of Entry 2018



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	37	31	129	30	23	0	0	0	0	0	0	0	0	0	0	0	11	261
Cedar	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	8
Herbaceous Openland	120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	119
Low-Density Trees	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Mixed Upland Deciduous	0	0	37	52	8	18	0	32	0	101	100	0	0	0	0	0	0	0	348
Natural Mixed Pines	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	577	0	0	0	0	0	0	7	584
Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7
Red Pine	0	0	5	0	0	0	0	106	5	0	0	0	0	0	0	0	0	0	116
Urban	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Total	125	37	85	181	38	41	0	32	106	106	677	0	8	0	0	0	0	25	1460



Report 2 – Treatment Summary

Atlanta Mgt. Unit

Year of Entry: 2018

Acres of Harvest

Compartment 30

Total Compartment Acres: 1,457

Commercial Harvest - 390
 Harvests with Site Condition - 0
 Next Step Harvest - 0
 Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Mixed Upland Deciduous	0	0	0	0	0	101	0	0	0	101
Northern Hardwood	0	0	0	0	0	233	0	0	0	233
Red Pine	56	0	0	0	0	0	0	0	0	56
Total	56	0	0	0	0	334	0	0	0	390

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	390	0	0	0	0	0	0	115	0	505
Next Step	0	56	56	0	0	112	117	0	0	340
Total	390	56	56	0	0	112	117	0	115	845



Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
2	54030002-Cut	101.9	4111 - S.Maple, Hard Mast Association	Sawtimber Well	96	111-140	Harvest	Crown Thinning	411 - Northern Hardwood	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Thin to a residual target of 80BA. remove all ash, beech, and aspen. Much of the ash is already dead, but there are some still with live crowns. BA may be lower than 80 in places where higher density of ash/beech. Mark large hollow and non-merchantable beech to leave for wildlife, also mark a few (approx. 1 per 5-10 acres) aspen to leave for wildlife.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2017

6	54030006-Cut	45.8	4119 - Mixed Northern Hardwoods	Sawtimber Well	90	111-140	Harvest	Crown Thinning	411 - Northern Hardwood	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Thin to a residual target of 80BA. remove all ash, beech, and aspen. Much of the ash is already dead, but there are some still with live crowns. BA may be lower than 80 in places where higher density of ash/beech. Mark large hollow and non-merchantable beech to leave for wildlife. also mark a few (approx. 1 per 5-10 acres) aspen to leave for wildlife.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2017

12	54030012-Cut	20.9	42210 - Natural Red Pine	Sawtimber Well	74	81-110	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Clearcut, follow retention guidelines and place retention in the southeast or another location to help facilitate future planting and spraying treatments.

Specs: Cut stumps low, cut all trees 2" DBH and larger, chip tops. replant red pine. When replanting, leave 10-30% of stand with deciduous regen (consult TMS and WLD Biologist).

Next Step SitePrep, Trenching; Pesticide, Aerial; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)

Treatments:

Acceptable Fully stocked stand of red pine with natural mixed deciduous.

Regen:

Other
Comment:

Proposed Start Date: 10/01/2017

19	54030019-NF	68.9	3102 - Grass	Nonstocked	Unspecified	NonForestMgt	Herbaceous/Crop/Grass Planting	310 - Herbaceous Openland			Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Opening will be maintained on a rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices.

Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2017



Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
21	54030021-NF	2.3	3102 - Grass	Nonstocked		Unspecified	NonForestMgt	Herbaceous/Crop/ Grass Planting	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Opening will be maintained on a rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

25	54030025-Cut	29.9	42210 - Natural Red Pine	Sawtimber Well	74	81-110	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription clearcut, follow retention guidelines and place retention in a location that will minimize affects on future replanting and spraying treatments. Cut all trees 2" dbh and larger, cut stumps low and chip tops. Replant Red Pine. When replanting, leave 10-30% of stand with deciduous regen (consult TMS and WLD Biologist).

Specs:

Next Step SitePrep, Trenching; Pesticide, Aerial; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)

Treatments:

Acceptable Fully stocked stand of planted red pine with natural mixed deciduous mixed in.

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

26	54030026-Cut	100.6	4199 - Other Mixed Upland Deciduous	Sawtimber Well	84	111-140	Harvest	Crown Thinning	4199 - Other Mixed Upland Deciduous	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Thin to a residual target of 80BA. remove all ash, beech, and aspen. Much of the ash is already dead, but there are some still with live crowns. BA may be lower than 80 in places where higher density of ash/beech. Mark large hollow and non-merchantable beech to leave for wildlife. also mark a few (approx. 1 per 5-10 acres) aspen to leave for wildlife.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

30	54030030-Cut	85.7	4111 - S.Maple, Hard Mast Association	Sawtimber Well	91	111-140	Harvest	Crown Thinning	411 - Northern Hardwood	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Thin to a residual target of 80BA. remove all ash, beech, and aspen. Much of the ash is already dead, but there are some still with live crowns. BA may be lower than 80 in places where higher density of ash/beech. Mark large hollow and non-merchantable beech to leave for wildlife. also mark a few (approx. 1 per 5-10 acres) aspen to leave for wildlife.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
33	54030033-NF	1.6	330 - Low-Density Trees	Nonstocked			NonForestMgt	Herbaceous/Crop/ Grass Planting	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Opening will be maintained on a rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

34	54030034-NF	3.0	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Herbaceous/Crop/ Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Opening will be maintained on a rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

35	54030035-NF	4.8	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Herbaceous/Crop/ Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Opening will be maintained on a rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

36	54030036-NF	1.6	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Herbaceous/Crop/ Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Opening will be maintained on a rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
37	54030037-NF	13.4	3102 - Grass	Nonstocked		Unspecified	NonForestMgt	Herbaceous/Crop/ Grass Planting	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Opening will be maintained on a rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

38	54030038-NF	3.1	3102 - Grass	Nonstocked		Unspecified	NonForestMgt	Herbaceous/Crop/ Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Opening will be maintained on a rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

39	54030039-NF	1.8	3102 - Grass	Nonstocked		Unspecified	NonForestMgt	Herbaceous/Crop/ Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Opening will be maintained on a rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

48	54030048-NF	14.4	3102 - Grass	Nonstocked		Unspecified	NonForestMgt	Herbaceous/Crop/ Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Opening will be maintained on a rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
51 54030051-Cut	5.0	42210 - Natural Red Pine	Sawtimber Medium	81	51-80	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary

Habitat Cut: No

Site Condition:

Prescription Clearcut, no retention necessary due to small stand size and follow up treatments. Cut all trees 2" and larger DBH, cut stumps low, and chip tops.
Specs:

Next Step SitePrep, Trenching; Pesticide, Aerial; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)
Treatments:

Acceptable Fully stocked stand of aspen. If fail due to elk browse, trench and plant to red pine (RP was original cover type)
Regen:

Other
Comment:

Proposed Start Date: 10/01/2017

**Total Treatment
Acreage Proposed: 504.7**

Report 4 – Site Conditions

Atlanta Mgt. Unit
Chad Fate : Examiner

Compartment: 30
Year of Entry: 2018

Availability for Management

Total Acres	Acres Available	Acres Avail			Dominant Site Conditions			
		With Condition	Not Available		5B	2G	3J	5E
261	260	0	1	Aspen				1
7	0	0	7	Cedar		7	0	
120	120	0	0	Herbaceous Openland				
2	2	0	0	Low-Density Trees				
347	247	100	0	Mixed Upland Deciduous	100			
12	12	0	0	Natural Mixed Pines				
583	583	0	0	Northern Hardwood				
7	7	0	0	Oak				
115	115	0	0	Red Pine				
3	3	0	0	Urban				
1,457	1,349	100	8	Total Forested Acres	100	7	0	1
	93%	7%	1%	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
1	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Available	5B: Maintain for regeneration purposes	55	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
Comments: heavy elk damage to regeneration in all of the surrounding stands resulting in poor stocking dominated by ironwood.							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Chad Fate : Examiner

Compartment: 30
Year of Entry: 2018

5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified
Comments:							
6	Available	5B: Maintain for regeneration purposes	45	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



Report 5 – 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
Comments	Potential Old Growth		SCA Removal	43

**Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS**

* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

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	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.

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Atlanta Mgt. Unit

Report 7 – Forested Stands

Compartment: 30
Year of Entry: 2018

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4111 - S.Maple, Hard Mast Association	Sawtimber Well	177.9	93	81-110	Timber Sale # 54-039-08-01 completed in 2012
2	4111 - S.Maple, Hard Mast Association	Sawtimber Well	101.9	96	111-140	very little understory . Ash are mostly dead.
3	4199 - Other Mixed Upland Deciduous	Sawtimber Well	55.2	91	81-110	SOME HEMLOCK IN STAND - SOME WHITE PINE IN UNDERSTORY. Timber Sale # 54-039-08-01 completed in 2012. lots of elk browse. some porcupine damage
4	4111 - S.Maple, Hard Mast Association	Sawtimber Well	165.5	90	81-110	Thinned 2002, sale 016-99 and Stand was thinned again in fall 2009. 54-040-08-01 Excessively steep in places, especially edges of stand.
5	4199 - Other Mixed Upland Deciduous	Sapling Medium	39.2	27	Immature	Stand Year Origin was 1989. lots of elk browse
6	4119 - Mixed Northern Hardwoods	Sawtimber Well	45.8	90	111-140	ash is mostly dead
7	42110 - Planted Red Pine	Sapling Well	5.0	17	Immature	5,500 red pine planted in south end 4/99. growing very well, 1.5-2 Ft per yr.
10	4199 - Other Mixed Upland Deciduous	Sapling Well	18.0	45	1-50	
11	4111 - S.Maple, Hard Mast Association	Sawtimber Well	6.8	90	81-110	Stand thinned in fall 2009. 54-040-08-01.
12	42210 - Natural Red Pine	Sawtimber Well	20.9	74	81-110	Thinned in 2000.
13	42210 - Natural Red Pine	Sawtimber Well	54.7	79	81-110	
14	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	31.8	67	51-80	
15	4191 - Mixed Upland Deciduous with Conifer	Poletimber Medium	7.5	38	1-50	
16	4133 - Aspen, Mixed Pine	Poletimber Well	18.8	35	1-50	
20	4191 - Mixed Upland Deciduous with Conifer	Sapling Medium	36.9	18	Immature	CUT 1998, SALE 21-98. Pounded by elk, but some stems sneaking past.
23	4130 - Aspen	Sapling Well	45.3	24	Immature	HIT HARD BY ELK in pockets
24	42290 - Natural Mixed Pine	Sapling Well	5.8	18	Immature	

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Atlanta Mgt. Unit

Report 7 – Forested Stands

Compartment: 30
Year of Entry: 2018

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
25	42210 - Natural Red Pine	Sawtimber Well	29.9	74	81-110	
26	4199 - Other Mixed Upland Deciduous	Sawtimber Well	100.6	84	111-140	ELK AREA thinned 1998, SALE 21-98
27	42260 - Natural Pine, Mixed Deciduous	Sapling Poor	5.9	18	Immature	CUT 1998, SALE 21-98. Pounded by elk, but some stems sneaking past.
30	4111 - S.Maple, Hard Mast Association	Sawtimber Well	85.7	91	111-140	
31	4139 - Aspen, Mixed Deciduous	Poletimber Well	10.9	38	1-50	
32	4199 - Other Mixed Upland Deciduous	Sapling Well	13.4	29	Immature	Stand Year Origin was 1987
40	4130 - Aspen	Sapling Well	45.2	27	Immature	heavy elk browse, grown past the browse in most places.
41	4133 - Aspen, Mixed Pine	Sapling Well	30.7	18	Immature	CUT 1998, SALE 21-98. pockets Pounded by elk
42	4130 - Aspen	Sapling Well	36.7	7	Immature	Stand was cut in spring of 2009. 54-012-08-01. some pockets of elk browse. Regeneration seems to be overcoming browse set back, but resulting in poor quality stems.
43	4130 - Aspen	Sapling Well	11.2	36	1-50	
45	4130 - Aspen	Poletimber Medium	5.0	44	1-50	
46	4130 - Aspen	Sapling Well	5.5	27	Immature	evidence of elk browse
47	6120 - Lowland Cedar	Poletimber Well	7.5	116	111-140	
49	4123 - Red Oak	Sawtimber Medium	6.8	91	51-80	ELK AREA thinned in 1998, SALE 21-98
50	4136 - Aspen, Mixed Conifer	Poletimber Medium	18.4	46	51-80	
51	42210 - Natural Red Pine	Sawtimber Medium	5.0	81	51-80	
52	4130 - Aspen	Sapling Well	33.3	27	Immature	evidence of elk browse
53	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Medium	44.6	93	81-110	



Stand	Cover Type	Acres	Managed Site	General Comments:
8	3102 - Grass	0.9	No	Gas well
9	3102 - Grass	1.0	No	OPIC - FMD: gas well.
17	122 - Road/Parking Lot	0.4	No	OPIC - FMD: Black River Road.
18	3102 - Grass	0.9	No	OPIC - FMD: gas well.
19	3102 - Grass	68.9	Yes	OPIC - FMD: ASPEN CLUMPS ON THE NORTH END-3 GAS WELLS
21	3102 - Grass	2.3	No	OPIC - FMD: GAS WELL
22	3102 - Grass	1.0	No	OPIC - FMD: gas well.
28	3102 - Grass	1.7	No	OPIC - FMD: PIPELINE R.O.W. MAINTAIN AS G TYPE
29	3102 - Grass	0.7	No	OPIC - FMD: gas well.
33	330 - Low-Density Trees	1.6	Yes	grass opening with white pine growing in
34	3102 - Grass	3.0	Yes	OPIC - FMD: Opening Maintenance OI Stand Year Origin was
35	3102 - Grass	4.8	Yes	OPIC - FMD: Gas well north end.
36	3102 - Grass	1.6	No	OPIC - FMD: OI Stand Year Origin was
37	3102 - Grass	13.4	No	OPIC - FMD: TWO GAS WELLS-ORV DAMAGE ON HILL
38	3102 - Grass	3.1	Yes	OPIC - FMD: Opening Maintenance OI Stand Year Origin was
39	3102 - Grass	1.8	Yes	OPIC - FMD: Opening Maintenance OI Stand Year Origin was
44	122 - Road/Parking Lot	2.5	No	OPIC - FMD: Black River Road.
48	3102 - Grass	14.4	Yes	OPIC - FMD: Gas well north end.