



Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54045

Entry Year 2018

Acreage: 1,808

County Montmorency

Management Area: Thunder Bay Outwash

Revision Date: 2016-06-09

Stand Examiner: Darrick Coy

Legal Description:

T31N R02E Sec 15, 22-23, 26-27, & 34-35

Identified Planning Goals:

To provide for the protection, integrated management and responsible use of a healthy, productive, and undiminished forest resource base for the social, recreational, environmental, and economic benefit of the State of Michigan. Harvests prescribed will help balance the age classes of aspen, red pine, and lowland conifer cover types.

Soil and topography:

Soils are primarily well drained sands, poorly drained sandy peat, and very poorly drained sandy mucks. The topography of the compartment is mainly level with the south end of the compartment being predominately swamp conifers while the northern portion of the compartment is a mixture of Oak, Aspen and Pine. Significant areas of the compartment are well suited for pine. Most aspen found is of marginal to poor quality. Forest habitat types are primarily dominated by PARVHa and unclassified lowland.

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

This compartment is surrounded by State land to the east and west. The northern edge is bordered by Elk Ridge Golf Course property. The compartment has some recreational use by ORV's and receives a large amount of use by Antrim Gas Companies.

Unique Natural Features:

Rare and Endanger Species Present- Common Loon and Blanding's Turtle
Potential Rare and Endangered Species Present- Ram's Head Lady's Slipper and Wood Turtle

Archeological, Historical, and Cultural Features:

Some sites exist.

Special Management Designations or Considerations:

None.

Watershed and Fisheries Considerations:

No aquatic concerns.

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 aspen and cedar provide food and cover for multiple species at a variety of age classes. We are working to maintain 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

Surface sediments consist of coarse-textured glacial till, glacial outwash sand and gravel, and postglacial alluvium. The glacial drift thickness varies between 400 and 600 feet. Beneath the glacial drift are the Devonian Berea Sandstone and Bedford and Antrim shales. The Bedford and Antrim are quarried for cement products elsewhere in the state. A former sand/gravel pit is located in Section 23 and additional potential is good within the compartment. 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:

Access from Highway M-33 and county roads: DeCheau Lake Rd, Meaford Rd and Kellyville Rd. The northern portion of

the compartment has several two tracks for traversing the area.

Survey Needs:

None known at this time.

Recreational Facilities and Opportunities:

There are many opportunities for hunting and wildlife viewing in the area. State land bordering DeCheau Lake is used heavily for camping in the summer and State Parks Division maintains a boat launch on the lake. The designated ORV Atlanta to Hunt Creek MCCCT trail goes throughout the compartment providing additional recreation opportunities.

Fire Protection:

Fire response to the compartment will be covered by the Atlanta DNR office as well as the Tri-Township Fire Department. Most of the compartment is easily accessible by county roads and 2-track roads.

Additional Compartment Information:

The following reports from the Inventory are attached:

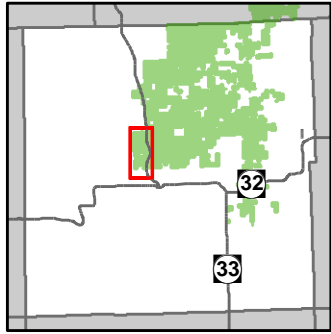
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

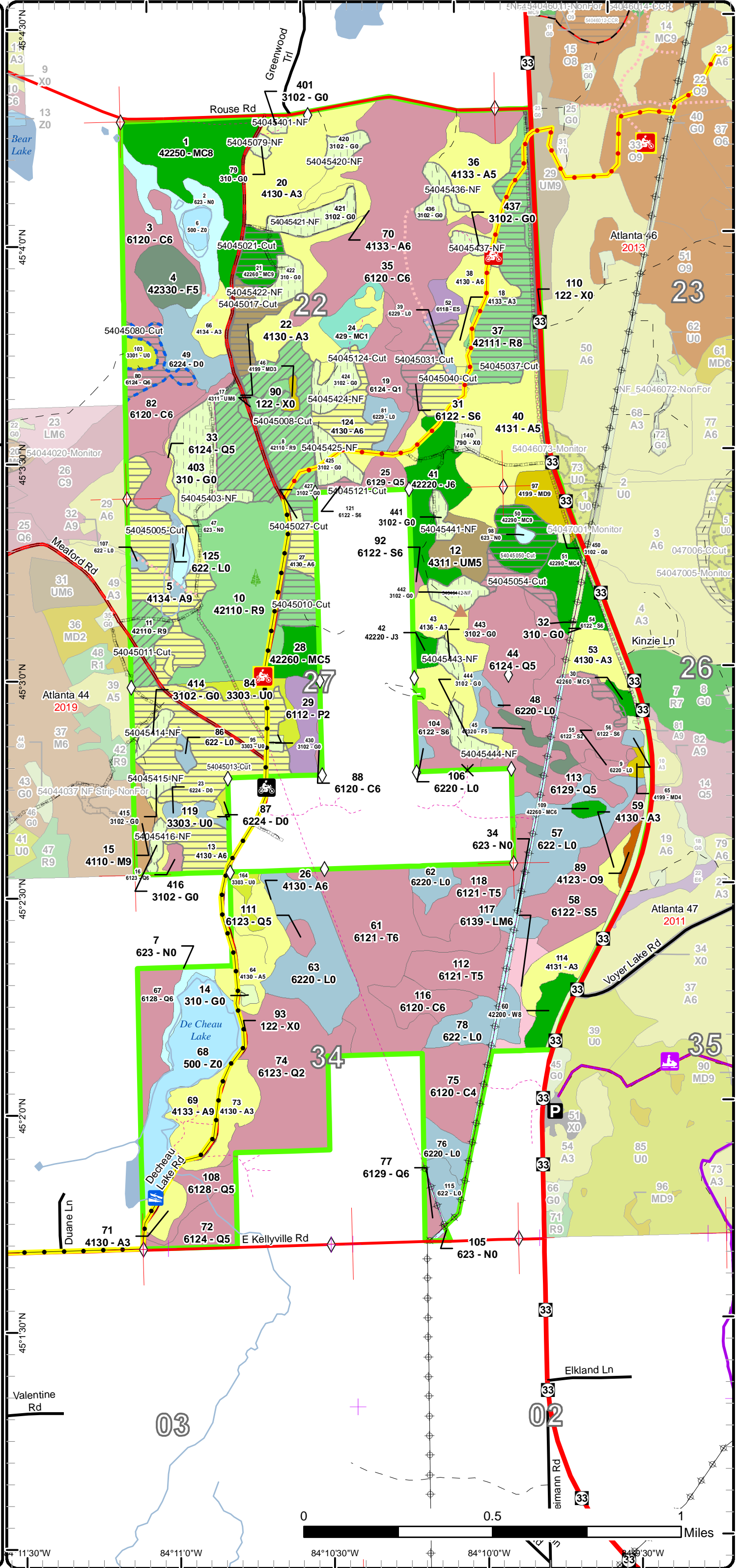
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 45
 T31N, R02E,
 Sec: 22-23, 26-27, 34-35
 County: Montgomery
 Unit: Atlanta
 Mgmt Area: Thunder Bay
 Outwash
 YOE: 2018
 Acres: 1,808 GIS Calculated
 Examiner: Darrick Coy
 Map Revised: 10/6/2016
 Map Phase: Post Review

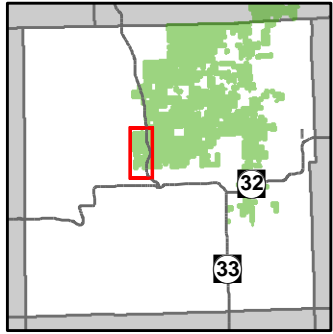


- Miris Corners
- + Remonumented Section Corners
- ◇ Field Grade GPS Corners
- X Gate
- ▲ Berms
- 🚤 Boating Access Site
- P Parking Lot
- 🌲 Tree (marking)
- 🏍️ Motorcycle Trails (SOS License)
- 🏍️ Motorcycle Trails (DNR License)
- 🏍️ MCCCT Trails
- 🚙 Snowmobile Trails
- ORV License
- ORV License & Trail Permit
- Designated ORV Route
- Designated Snowmobile Trails
- Michigan Cross Country Cycle Trail (MCCCT)
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- - - Closed Roads
- Rivers
- Pipeline
- Powerline
- ▭ Compartment Boundary
- ▭ Treatments with Site Conditions
- ▭ 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
- ▭ 423 - Other Upland Conifers
- ▭ 429 - Mixed Upland Conifers
- ▭ 430 - Upland Mixed Forest
- ▭ 611 - Lowland Deciduous Forest
- ▭ 612 - Lowland Coniferous Forest
- ▭ 613 - Lowland Mixed Forest
- ▭ 122 - Roads/Parking Lot
- ▭ 310 - Herbaceous Openland
- ▭ 330 - Low Density Trees
- ▭ 500 - Water
- ▭ 622 - Lowland Shrub
- ▭ 623 - Emergent Wetland
- ▭ 790 - Other Bare/Sparsely Vegetated
- ▭ Lakes

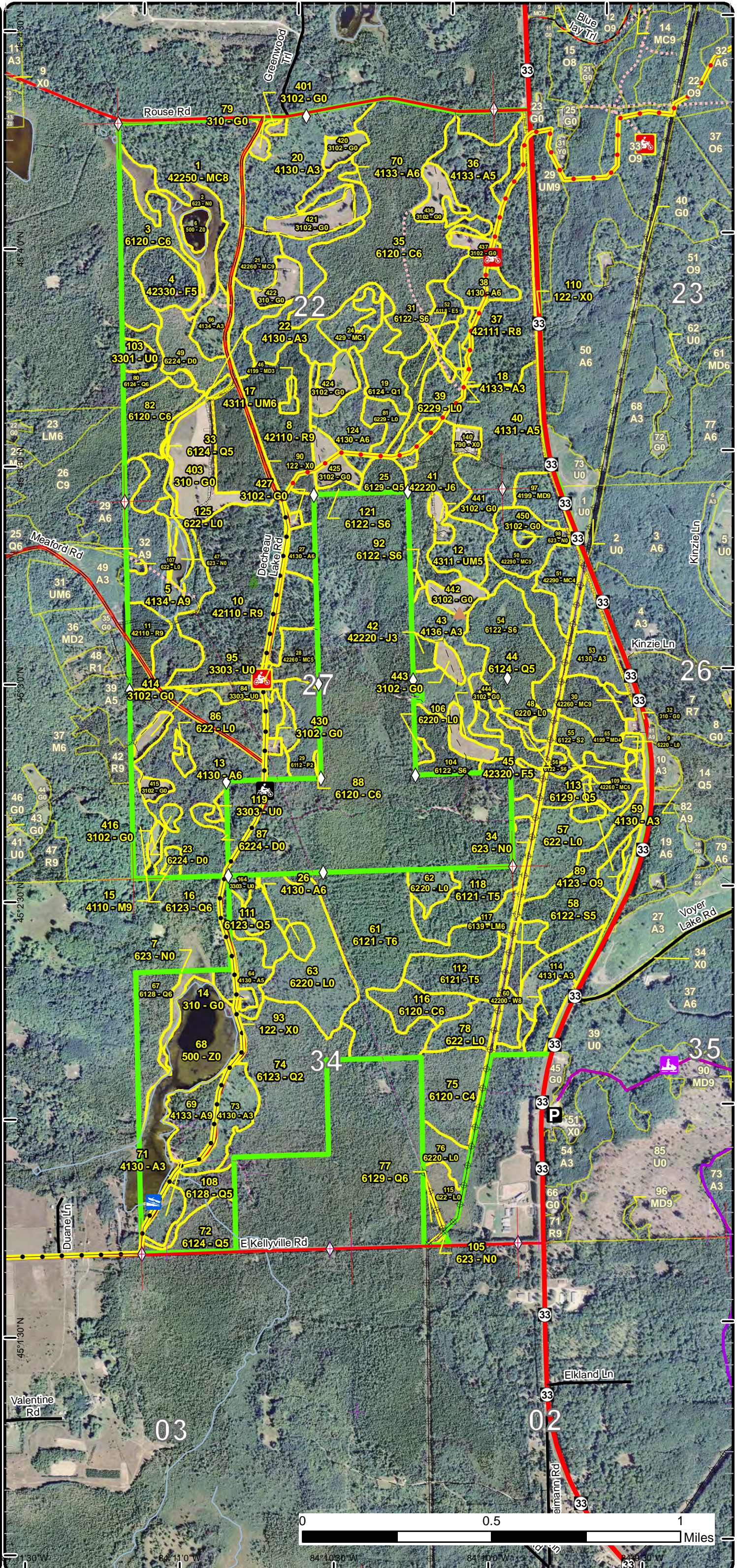


Stand Boundary Map

Compartment: 45
 T31N, R02E,
 Sec: 22-23, 26-27, 34-35
 County: Montmorency
 Unit: Atlanta
 Mgmt Area: Thunder Bay
 Outwash
 YOE: 2018
 Acres: 1,808 GIS Calculated
 Examiner: Darrick Coy
 Map Revised: 10/6/2016
 Map Phase: Post Review

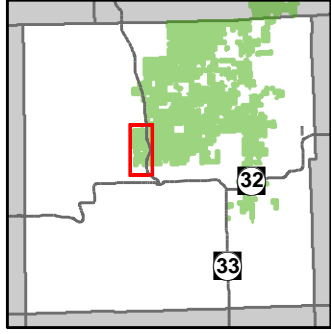


- Miris Corners
- + Remonumented Section Corners
- ◇ Field Grade GPS Corners
- X Gate
- ▲ Berms
- 🚤 Boating Access Site
- P Parking Lot
- 🌲 Tree (marking)
- 🏍️ Motorcycle Trails (SOS License)
- 🏍️ Motorcycle Trails (DNR License)
- 🏍️ MCCCT Trails
- 🏍️ Snowmobile Trails
- ORV License
- ORV License & Trail Permit
- Designated ORV Route
- Designated Snowmobile Trails
- Michigan Cross Country Cycle Trail (MCCCT)
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads
- Rivers
- Pipeline
- Powerline
- Compartment Boundary
- Stand Boundaries
- 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
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 790 - Other Bare/Sparsely Vegetated

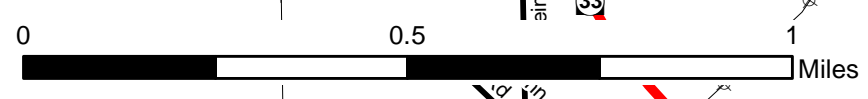
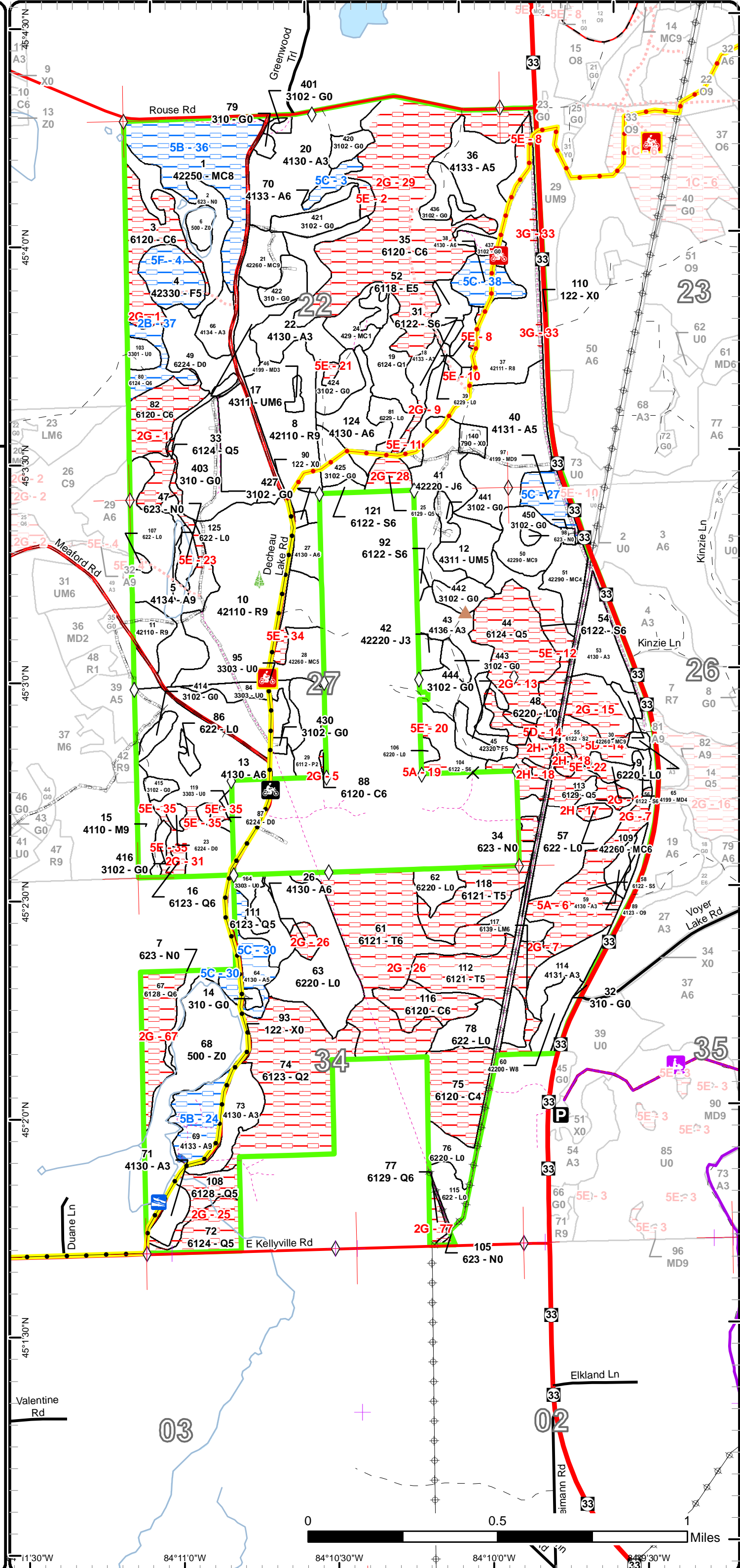


Special Conservation Areas & Site Conditions Map

Compartment: 45
 T31N, R02E,
 Sec: 22-23, 26-27, 34-35
 County: Montmorency
 Unit: Atlanta
 Mgmt Area: Thunder Bay
 Outwash
 YOE: 2018
 Acres: 1,808 GIS Calculated
 Examiner: Darrick Coy
 Map Revised: 10/6/2016
 Map Phase: Post Review



- Miris Corners
 - + Remonumented Section Corners
 - ◇ Field Grade GPS Corners
 - X Gate
 - ▲ Berms
 - Boating Access Site
 - P Parking Lot
 - Tree (marking)
 - Motorcycle Trails (SOS License)
 - Motorcycle Trails (DNR License)
 - MCCCT Trails
 - Snowmobile Trails
 - ORV License
 - ORV License & Trail Permit
 - Designated ORV Route
 - Designated Snowmobile Trails
 - Michigan Cross Country Cycle Trail (MCCCT)
 - Highway
 - County Paved Roads
 - Paved Roads
 - County Gravel Roads
 - Poor Dirt Roads
 - County Poor Dirt Roads
 - Trail (Non-Recreation)
 - Closed Roads
 - Rivers
 - Pipeline
 - Powerline
 - Compartment Boundary
 - SCA
 - Available w/ Constraints
 - Unavailable
- 2B: Unknown if access through adjacent landowner(s) is possible
 5B: Maintain for regeneration purposes
 5C: Delay treatment for age/size class diversity or exceptional site quality
 2G: Too wet (sensitive soils, does not include access issues)
 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
 3G: Other Influence zones - See comments
 5A: Not able to obtain desirable regeneration
 5D: Unproductive Forest Land
 5E: Long-Term Retention
- Stand Boundaries
 - Cold Water Streams
 - Cold Water Lakes
 - Boat Access Site



11°30'W 84°11'0"W 84°10'30"W 84°10'0"W 84°9'30"W

Report 1 – Total Acres by Cover Type and Age Class



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	77	0	70	0	192	73	0	0	0	0	0	0	0	0	0	0	0	412
Bare/Sparsely Vegetated	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Cedar	0	0	0	0	0	0	0	0	0	1	114	22	39	0	0	0	0	0	176
Herbaceous Openland	124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	124
Jack Pine	0	0	0	4	0	26	0	0	0	0	0	0	0	0	0	0	0	0	30
Low-Density Trees	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Lowland Aspen/Balsam Poplar	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Lowland Conifers	0	0	0	13	0	3	22	66	46	25	21	0	0	0	0	0	0	0	196
Lowland Deciduous	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Lowland Mixed Forest	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	8
Lowland Shrub	128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	128
Lowland Spruce/Fir	0	0	0	0	0	0	12	24	31	29	0	0	0	0	0	0	0	0	96
Marsh	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
Mixed Upland Deciduous	0	0	2	0	0	0	0	2	0	10	0	0	0	0	0	0	0	0	14
Natural Mixed Pines	0	0	0	0	10	0	0	15	28	43	0	0	0	0	0	0	0	0	96
Northern Hardwood	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	7
Oak	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
Red Pine	0	0	0	0	0	0	52	88	45	0	0	0	0	0	0	0	0	0	184
Tamarack	0	0	0	0	0	0	0	0	0	108	0	0	0	0	0	0	0	0	107
Treed Bog	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Upland Conifers	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Upland Mixed Forest	0	0	0	0	0	12	10	0	0	0	0	0	0	0	0	0	0	0	22
Upland Spruce/Fir	0	0	0	0	14	0	0	6	0	0	0	0	0	0	0	0	0	0	20
Urban	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
Water	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46
White Pine	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	8
Total	402	77	2	108	29	233	169	201	165	218	143	22	39	0	0	0	0	0	1806



Report 2 – Treatment Summary

Atlanta Mgt. Unit

Year of Entry: 2018

Acres of Harvest

Compartment 45

Total Compartment Acres: 1,808

Commercial Harvest - 288
 Harvests with Site Condition - 9
 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
Aspen	127	0	0	0	0	0	0	0	0	127
Lowland Conifers	9	0	0	0	0	0	0	0	0	9
Lowland Spruce/Fir	18	0	0	0	0	0	0	0	0	18
Natural Mixed Pines	24	0	0	0	0	0	0	0	0	24
Red Pine	51	0	0	0	0	59	0	0	0	109
Upland Mixed Forest	10	0	0	0	0	0	0	0	0	10
Total	238	0	0	0	0	59	0	0	0	297

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	297	0	0	0	0	0	0	89	0	386
Next Step	0	120	81	0	67	162	319	0	0	748
Total	297	120	81	0	67	162	319	0	89	1134



Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
29	54044029-Cut	14.2	4134 - Aspen, Spruce/Fir	Poletimber Well	45	Unspecified	Harvest	Clearcut with Retention	4136 - Aspen, Mixed Conifer	Even-Aged	Proposal
Habitat Cut: No			Site Condition:								
<u>Prescription</u> -clearcut											
<u>Specs:</u> -leave all hemlock and wp, if any is found -leave 3-10% in area retention											
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Treatments:</u>											
<u>Acceptable Regen:</u> -rm, aspen, fir, pine, and oak of medium to high stocking											
<u>Other Comment:</u> -add treatment with adjacent compartment 45 stand 5/timber sale											
<u>Proposed Start Date:</u> 10/01/2017											
39	54044039-Cut	11.1	4130 - Aspen	Poletimber Medium	39	Unspecified	Harvest	Clearcut with Retention	4136 - Aspen, Mixed Conifer	Even-Aged	Proposal
Habitat Cut: No			Site Condition:								
<u>Prescription</u> -clearcut											
<u>Specs:</u> -leave 3-10% in area retention pockets (already excluded- see site conditions layer) -leave scattered under-represented species of pine and oak not to exceed 10 BA											
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory); Burn, Other											
<u>Treatments:</u>											
<u>Acceptable Regen:</u> -aspen, oak, rm, fir, and pine of low to high stocking											
<u>Other Comment:</u> -if needed, burn areas of low stocking due to elk browse to improve regeneration											
<u>Other Comment:</u> -add treatment with adjacent compartment 45 stand 13/timber sale											
<u>Proposed Start Date:</u> 10/01/2017											
5	54045005-Cut	33.6	4134 - Aspen, Spruce/Fir	Sawtimber Well	55	Unspecified	Harvest	Clearcut with Retention	4136 - Aspen, Mixed Conifer	Even-Aged	Draft Field Boundary
Habitat Cut: No			Site Condition:								
<u>Prescription</u> -clearcut											
<u>Specs:</u> -leave all hemlock and wp, if any is found -leave 3-10% in area retention (already excluded- see site conditions layer)											
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Treatments:</u>											
<u>Acceptable Regen:</u> -rm, aspen, fir, pine, and oak of medium to high stocking											
<u>Other Comment:</u>											
<u>Proposed Start Date:</u> 10/01/2017											
8	54045008-Cut	47.8	42110 - Planted Red Pine	Sawtimber Well	56	141-170	Harvest	Crown Thinning	42110 - Planted Red Pine	Even-Aged	Draft Field Boundary
Habitat Cut: No			Site Condition:								
<u>Prescription</u> -mark thin to approx. 120 residual BA removing roughly 1/3rd of BA											
<u>Specs:</u> -protect ORV trail in timber sale specifications											
<u>Next Step</u>											
<u>Treatments:</u>											
<u>Acceptable Regen:</u>											
<u>Other Comment:</u> -excluded area of significantly lower BA to NE that was thinned heavily in 2000 due to significant aspen being present											
<u>Proposed Start Date:</u> 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
10	54045010-Cut	11.7	42110 - Planted Red Pine	Sawtimber Well	66	111- 140	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**Prescription -clearcut (partial stand harvest)Specs:

-3-10% area retention already excluded (see site conditions layer)

-require chipping of tops

-protect ORV trail in timber sale specifications

-retain areas of deciduous regeneration with a goal of 10-30% of the stand. The TMS and WLD Biologist should be consulted after the sale is considered complete.

Next Step Pesticide, Aerial; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Pesticide, Aerial
Treatments:Acceptable -fully stocked rp with other minor deciduous and coniferous associates
Regen:OtherComment:Proposed Start Date: 10/01/2017

11	54045011-Cut	10.7	42110 - Planted Red Pine	Sawtimber Well	66	141- 170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
----	--------------	------	-----------------------------	-------------------	----	-------------	---------	----------------	----------------------------	-----------	-------------------------

Habitat Cut: No**Site Condition:**Prescription -mark thin to approx. 120 residual BA removing roughly 1/3rd of BASpecs: -mark utility pole size (>13" DBH) rp to release smaller diameter rp that are close to 13" DBH when possibleNext Step
Treatments:Acceptable
Regen:OtherComment:Proposed Start Date: 10/01/2017

13	54045013-Cut	66.9	4130 - Aspen	Poetimber Well	43	51-80	Harvest	Clearcut with Retention	4136 - Aspen, Mixed Conifer	Even-Aged	Draft Field Boundary
----	--------------	------	--------------	-------------------	----	-------	---------	----------------------------	--------------------------------	-----------	-------------------------

Habitat Cut: No**Site Condition:**Prescription -clearcutSpecs:

-leave 3-10% in area retention pockets (already excluded- see site conditions layer)

-leave scattered under-represented species of pine and oak not to exceed 10 BA

-protect ORV trail in timber sale specifications

Next Step Monitoring, Natural Regen (Re-Inventory); Burn, Other
Treatments:Acceptable -aspen, oak, rm, fir, and pine of low to high stocking
Regen:

-if needed, burn areas of low stocking due to elk browse to improve regeneration

OtherComment: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
17	54045017-Cut	9.8	4311 - Pine, Aspen Mix	Poletimber Well	53	81-110	Harvest	Clearcut with Retention	4136 - Aspen, Mixed Conifer	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**Prescription -clearcutSpecs: -leave all wp, protect trees over 26"
-3-7% in area retentionNext Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable -aspen, fir, spruce, oak, pine, and rm of medium to high stocking
Regen:OtherComment:Proposed Start Date: 10/01/2017

21	54045021-Cut	9.7	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	77	111-140	Harvest	Clearcut with Retention	42110 - Planted Red Pine	Even-Aged	Draft Field Boundary
----	--------------	-----	---------------------------------------	----------------	----	---------	---------	-------------------------	--------------------------	-----------	----------------------

Habitat Cut: No**Site Condition:**Prescription -clearcutSpecs: -leave 3-7% in area retention where overstory wp of good form exists along treatment edge
-require chipping of tops
-retain areas of deciduous regeneration with a goal of 10-30% of the stand. The TMS and WLD Biologist should be consulted after the sale is considered complete.Next Step Pesticide, Aerial; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Pesticide, AerialTreatments:Acceptable -fully stocked rp with other minor deciduous and coniferous associates
Regen:OtherComment:Proposed Start Date: 10/01/2017

27	54045027-Cut	6.2	4130 - Aspen	Poletimber Well	46	51-80	Harvest	Clearcut	42110 - Planted Red Pine	Even-Aged	Draft Field Boundary
----	--------------	-----	--------------	-----------------	----	-------	---------	----------	--------------------------	-----------	----------------------

Habitat Cut: No**Site Condition:**Prescription -clearcutSpecs: -require chipping of tops
-protect ORV trail in timber sale specifications
-no retention to less complicate follow-up activities
-retain areas of deciduous regeneration with a goal of 10-30% of the stand. The TMS and WLD Biologist should be consulted after the sale is considered complete.Next Step Pesticide, Aerial; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Pesticide, AerialTreatments:Acceptable -fully stocked rp with other minor deciduous and coniferous associates
Regen:OtherComment: -survey corners are in according to recordsProposed 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
31	54045031-Cut	7.2	6122 - Black Spruce	Poletimber Well	68	81-110	Harvest	Clearcut with Retention	6128 - Lowland Coniferous, Mixed Deciduous	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**Prescription -clearcut

Specs:
 -area retention strip to the south is already excluded from treatment (see site conditions layer)
 -protect wp over 26 inches in DBH
 -may need a small crossing (crane mat(s) through lowland to get portion to NE or go through aspen stand to the east)

Next Step Monitoring, Natural Regen (Intermediate)Treatments:Acceptable -black spruce, pine, fir, rm, and aspen of medium to high stockingRegen:OtherComment:Proposed Start Date: 10/01/2017

37	54045037-Cut	39.2	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Medium	79	51-80	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
----	--------------	------	---	------------------	----	-------	---------	-------------------------	-------------------------	-----------	----------------------

Habitat Cut: No**Site Condition:**Prescription -clearcut

Specs:
 -leave 3-10% in area retention (already excluded- see site conditions layer)
 -protect ORV trail in timber sale specifications and use gas pad opening for a landing location
 -retain areas of deciduous regeneration with a goal of 10-30% of the stand. The TMS and WLD Biologist should be consulted after the sale is considered complete.

Next Step SitePrep, Roller Chopping; Pesticide, Aerial; SitePrep, Trenching; Planting, Initial Plant; Pesticide, AerialTreatments:Acceptable -fully stocked rp with minor deciduous associatesRegen:OtherComment:Proposed Start Date: 10/01/2017

40	54045040-Cut	7.4	4131 - Aspen, Oak	Poletimber Medium	41	81-110	Harvest	Clearcut with Retention	4136 - Aspen, Mixed Conifer	Even-Aged	Draft Field Boundary
----	--------------	-----	-------------------	-------------------	----	--------	---------	-------------------------	-----------------------------	-----------	----------------------

Habitat Cut: No**Site Condition:**Prescription -clearcut (partial stand harvest)

Specs:
 -area retention already excluded (see site conditions)
 -protect ORV trail in timber sale specifications

Next Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable -aspen, spruce, fir, rm, and pine of medium to high stockingRegen:OtherComment:Proposed Start Date: 10/01/2017



Stand Name	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
50	54045050-Cut	14.0	42290 - Natural Mixed Pine	Sawtimber Well	72	111-140	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**Prescription -clearcutSpecs:

-leave 3-7% area retention to W edge of stand where aspen exists

-use well pad to east for landing

-retain areas of deciduous regeneration with a goal of 10-30% of the stand. The TMS and WLD Biologist should be consulted after the sale is considered complete.

Next Step Treatments: Pesticide, Aerial; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Pesticide, AerialAcceptable Regen: -fully stocked rp with minor deciduous or coniferous associatesOtherComment:Proposed Start Date: 10/01/2017

54	54045054-Cut	8.7	6122 - Black Spruce	Polettinber Well	81	111-140	Harvest	Clearcut with Retention	6128 - Lowland Coniferous, Mixed Deciduous	Even-Aged	Draft Field Boundary
----	--------------	-----	---------------------	------------------	----	---------	---------	-------------------------	--	-----------	----------------------

Habitat Cut: No**Site Condition:**Prescription -clearcutSpecs:

-area retention already excluded and taken from areas that are too wet to harvest within parent stand 54 (see site conditions)

-include area within the same timber sale as stands 50, if possible

Next Step Treatments: Monitoring, Natural Regen (Re-Inventory)Regen:Acceptable Regen: -black spruce, rm, fir, aspen, pine, and oak of medium to high stockingOtherComment:Proposed Start Date: 10/01/2017

79	54045079-NF	1.6	310 - Herbaceous Openland	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:Regen:Acceptable Regen:OtherComment: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
80	54045080-Cut	8.7	6124 - Lowland Spruce-Fir	Poletimber Well	64	51-80	Harvest	Clearcut	6128 - Lowland Coniferous, Mixed Deciduous	Even-Aged	Draft Field Boundary

Habitat Cut: No **Site Condition: Unknown Access**Prescription -clearcut when access through private is grantedSpecs: -no area retention to maximize regeneration of cover type and make harvesting through private access more feasible
-survey regeneration earlyNext Step Monitoring, Natural Regen (Intermediate)Treatments:Acceptable Regen: -rm, ash, fir, pine, aspen, oak, and spruce of medium to high stockingRegen:Other -see site condition for private access status informationComment:Proposed Start Date: 10/01/2017

121	54045121-Cut	1.8	6122 - Black Spruce	Poletimber Well	73	81-110	Harvest	Clearcut with Retention	6128 - Lowland Coniferous, Mixed Deciduous	Even-Aged	Draft Field Boundary
-----	--------------	-----	---------------------	-----------------	----	--------	---------	-------------------------	--	-----------	----------------------

Habitat Cut: No **Site Condition:**Prescription -clearcutSpecs: -leave scattered RP and WP, should not blow over, site is not that wet
-no area retention to maximize regeneration of stand
-survey regeneration early
-protect ORV trail in timber sale specificationsNext Step Monitoring, Natural Regen (Intermediate)Treatments:Acceptable Regen: -black spruce, pine, rm, aspen, ash, and oak of medium to high stockingRegen:Other -survey corners are inComment:Proposed Start Date: 10/01/2017

124	54045124-Cut	13.2	4130 - Aspen	Poletimber Well	40	51-80	Harvest	Clearcut with Retention	4136 - Aspen, Mixed Conifer	Even-Aged	Draft Field Boundary
-----	--------------	------	--------------	-----------------	----	-------	---------	-------------------------	-----------------------------	-----------	----------------------

Habitat Cut: No **Site Condition:**Prescription -clearcutSpecs: -area retention already excluded from harvest (see site conditions)
-leave scattered rp and wp to south for visual along trail
-area to SE is wet, still try to include this area in harvest as long as low-moderate amounts of tag alder exist with no standing water
-protect ORV trail within timber sale specificationsNext Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable Regen: -aspen, fir, pine, rm, ash, and oak of medium to high stockingRegen:OtherComment: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
401	54045401-NF	1.6	3102 - Grass	Nonstocked		Unspec ified	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

403	54045403-NF	22.9	310 - Herbaceous Openland	Nonstocked		Unspec ified	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

414	54045414-NF	3.6	3102 - Grass	Nonstocked		Unspec ified	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

415	54045415-NF	2.6	3102 - Grass	Nonstocked		Unspec ified	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



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
416	54045416-NF	2.8	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

420	54045420-NF	4.6	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

421	54045421-NF	9.4	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

422	54045422-NF	6.7	310 - Herbaceous Openland	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



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
424	54045424-NF	8.3	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

425	54045425-NF	7.8	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

436	54045436-NF	6.7	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

437	54045437-NF	4.2	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



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
441	54045441-NF	3.4	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

442	54045442-NF	6.2	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

443	54045443-NF	3.4	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

444	54045444-NF	5.1	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

**Total Treatment
Acreage Proposed: 422.8**

Report 4 – Site Conditions

Atlanta Mgt. Unit
Darrick Coy : Examiner

Compartment: 45
Year of Entry: 2018

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions											
		With Condition	Not Available		2B	5B	5C	5F	2G	2H	3G	5A	5D	5E		
413	358	44	12	Aspen		15	28		0							12
3	3	0	0	Bare/Sparsely Vegetated												
177	6	0	171	Cedar					171							
124	124	0	0	Herbaceous Openland												0
29	29	0	0	Jack Pine												
18	18	0	0	Low-Density Trees												
12	12	0	0	Lowland Aspen/Balsam Poplar												
197	16	9	172	Lowland Conifers	9				172							0
5	5	0	0	Lowland Deciduous												
8	0	0	8	Lowland Mixed Forest					8							
128	128	0	0	Lowland Shrub					0							
96	31	0	64	Lowland Spruce/Fir					38			14	10		2	
40	40	0	1	Marsh					1							0
13	3	10	0	Mixed Upland Deciduous			10									
96	51	43	2	Natural Mixed Pines		43				2						
7	7	0	0	Northern Hardwood												
2	2	0	0	Oak												
184	178	0	7	Red Pine							2					5
107	0	0	107	Tamarack					107							
18	18	0	0	Treed Bog												
9	9	0	0	Upland Conifers												
22	22	0	0	Upland Mixed Forest												
20	0	14	6	Upland Spruce/Fir				14		6						
25	25	0	0	Urban							0					0
46	46	0	0	Water												
8	8	0	0	White Pine												
1,808	1,139	119	550	Total Forested Acres	9	58	38	14	497	8	2	14	10		19	
	63%	7%	30%	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	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	45	5A: Not able to obtain desirable regeneration	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified

Report 4 – Site Conditions

Atlanta Mgt. Unit
Darrick Coy : Examiner

Compartment: 45
Year of Entry: 2018

Comments:							
2	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 20							
3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Available	5F: Evaluated for Forest Health Considerations	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	5A: Not able to obtain desirable regeneration	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified
Comments:							
6	Unavailable	5A: Not able to obtain desirable regeneration	12	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	25	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Darrick Coy : Examiner

Compartment: 45
Year of Entry: 2018

8	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 37							
9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention (in part) for stand 40							
11	Unavailable	5E: Long-Term Retention	1	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 31							
12	Unavailable	5E: Long-Term Retention	0	2G: Too wet (sensitive soils, does not include access issues)	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified
Comments: area retention for small portion cut within stand 54							
13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	54	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Darrick Coy : Examiner

Compartment: 45
Year of Entry: 2018

14	Unavailable	5D: Unproductive Forest Land	11	2G: Too wet (sensitive soils, does not include access issues)	5A: Not able to obtain desirable regeneration	5F: Evaluated for Forest Health Considerations	Unspecified
Comments: -stagnant growth							
15	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	5A: Not able to obtain desirable regeneration	2	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Darrick Coy : Examiner

Compartment: 45
Year of Entry: 2018

20	Unavailable	5E: Long-Term Retention	1	5A: Not able to obtain desirable regeneration	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified
Comments: -area retention for stand 104							
21	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 124							
22	Unavailable	5E: Long-Term Retention	0	5A: Not able to obtain desirable regeneration	2G: Too wet (sensitive soils, does not include access issues)	5F: Evaluated for Forest Health Considerations	Unspecified
Comments: -area retention for stand 56							
23	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 5							
24	Available	5B: Maintain for regeneration purposes	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -north 1/3rd-1/2 has significant wp coming in under aspen -overstory pine is of much better quality and overall health than aspen for this particular site -adjacent area and lake get frequent visits from local residents from camping by shore and fishing							
25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	23	5A: Not able to obtain desirable regeneration	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Darrick Coy : Examiner

Compartment: 45
Year of Entry: 2018

26	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	203	5A: Not able to obtain desirable regeneration	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified
Comments:							
27	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
28	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
Comments:							
29	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	96	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
Comments:							
30	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
31	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Darrick Coy : Examiner

Compartment: 45
Year of Entry: 2018

33	Unavailable	3G: Other Influence zones - See comments	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -additional M33 visual retention for stand 37							
34	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 10							
35	Unavailable	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 13							
36	Available	5B: Maintain for regeneration purposes	43	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
37	Available	2B: Unknown if access through adjacent landowner(s) is possible	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
38	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Darrick Coy : Examiner

Compartment: 45
Year of Entry: 2018

67	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	18	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified
Comments:							
77	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	5F: Evaluated for Forest Health Considerations	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	Concentrated Recreation Area	Boat Access Site	Proposed SCA	0
Comments	Concentrated Recreation Area	Boat Access Site	Proposed SCA	0



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 Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
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.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	42250 - Pine, Oak	Sawtimber Medium	42.9	85	51-80	OPIC - FMD: Follow BMP's along pond to west. Leave 50-70 BA of Residual. Shortwood to protect advanced white pine regen. Fisheries Division asks that a 25 foot buffer (cut free or selective cut) be asked around the small lake in stand 1. Wood should be able to naturally recruit to this waterbody through time. -past treatment- shelterwood -completion date- 6-6-11 (no tree-length skid, cut spring '11) -sale number- 54-002-09-01 -leave trees- all unmarked rp, wp, oak -volume (cds)- oak- 122, aspen- 163, wp- 112, rp- 6, ms- 8, mhwd- 118 -heavy rm browse -re-evaluate regeneration with snow-off
3	6120 - Lowland Cedar	Poletimber Well	22.6	118	81-110	-fairly stagnant small poles -standing water throughout
4	42330 - Upland Fir	Poletimber Medium	14.1	37	51-80	-narrow crossing going into stand from the E
5	4134 - Aspen, Spruce/Fir	Sawtimber Well	38.5	55	Unspecified	-averaged 2 trees for age, slightly older to S and younger to W
8	42110 - Planted Red Pine	Sawtimber Well	52.4	56	141-170	OPIC - FMD: Stand was thinned in 2001. Pockets of A3 where no overstory is present.-previous planting age according to inventory was 76-45 acres machine planting completed 11/4/60past treatment- thinning, yellow trees and every 3rd row-completion date- 8-9-01-sale number- 54-009-98-01-volume (cds)- mhwd- 16 cds, aspen- 123, rp-560 & jp- 29
10	42110 - Planted Red Pine	Sawtimber Well	76.9	66	111-140	OPIC - FMD: Final Harvest and replant next entry. SW corner of stand was not thinned last entry. Heavy pockets of A3 where overstory is not present. Small wildfire in NW corner in spring of 2006. -past treatment- thinning, left all oak, rp and wp -completion date- 8-9-01 -sale number- 54-009-98-01 -volume (cds)- mhwd- 13 cds, aspen- 150 & jp- 294
11	42110 - Planted Red Pine	Sawtimber Well	10.7	66	141-170	-past treatment- thinning, all other trees and marked wp and rp -completion date- 12/14/88 -sale number- 54-026-88-01 -volume (cds)- rp- 43, mhwd- 24, aspen- 16, jp- 19 -past treatment- thinning, all marked trees -completion date- 08-23-00 -sale number- 54-001-99-01 -volume (cds)- rp- 73 -90% of trees are over 13 inches already and BA average of 163
12	4311 - Pine, Aspen Mix	Poletimber Medium	12.3	41	1-50	-past treatment- clearcut-completion date- 1970, assuming 3-5 years to for harvest-sale number- -leave trees- wp, or rp-volume (cds)- -patchy aspen-poor quality aspen, small and rotten-limby wp coming in under aspen and where aspen did not regenerate, poor timber quality due to irregularities in stocking and low site quality-better site for jack pine
13	4130 - Aspen	Poletimber Well	71.8	43	51-80	-past treatment- clearcut-completion date- 1970 of card, assuming 2-3 years to get cut-sale number- ?-volume (cds)- ?



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
15	4110 - Sugar Maple Association	Sawtimber Well	7.3	76	81-110	OPIC - FMD: Stand was recently treated with adjacent stands to the West. -severe ironwood problem
16	6123 - Lowland Fir	Poletimber Well	2.1	73	51-80	-stagnant growth
17	4311 - Pine, Aspen Mix	Poletimber Well	9.8	53	81-110	-thick bf in southern 3rd of stand, may be a bit wet -fair amount of rot in aspen already -PARVHa
18	4133 - Aspen, Mixed Pine	Sapling Well	4.3	26	1-50	-past treatment- thinning -completion date- 09-13-89-sale number- 54-022-88-01-leave trees- all oak, wp, or rp-volume (cgs)- jp- 214, aspen- 75, rm- 24, ms- 11, mhwd- 2
19	6124 - Lowland Spruce- Fir	Sapling Poor	13.1	26	1-50	-mod. to low stocking -varying sizes of lowland shrub scattered throughout -mixed stand, more deciduous to south end of stand
20	4130 - Aspen	Sapling Well	36.9	6	Immature	-west central and south portions heavier in overstory cover -appear to have left 10-30 BA of oak and wp -past treatment- clearcut -completion date- 1-5-10 (cut in winter '09) -sale number- 54-026-08-01 -leave trees- all rp and wp and marked trees -volume (cgs)- aspen- 434, rm- 62, oak- 8, pb- 9, bf- 11, jp- 32
21	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	9.7	77	111-140	-variable stocking RP of fairly large diameters and height
22	4130 - Aspen	Sapling Well	26.0	26	1-50	OPIC - FMD: Elk browse damage and some areas of L-type.- past treatment- clearcut-completion date- 6-5-90-sale number- 54-024-88-01-leave trees- none-volume (cgs)- aspen- 159, mhwd- 158, bs- 93, bf- 81, ms- 46, cedar- 9, pine- 11
24	429 - Mixed Upland Conifers	Sapling Poor	8.8	26	1-50	-mod. to low stocking -varying sizes of lowland shrub scattered throughout -mixed stand, more deciduous to south end of stand
25	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	6.1	88	81-110	-fairly equal amounts of cedar and spruce -WP along E edge of stand and few mixed within the stand
26	4130 - Aspen	Poletimber Well	8.5	40	51-80	OPIC - FMD: Aspen is bigger dbh at south end of stand, some mature pine mixed in.
27	4130 - Aspen	Poletimber Well	6.2	46	51-80	
28	42260 - Natural Pine, Mixed Deciduous	Poletimber Medium	9.9	38	51-80	-irregular stocking and quality in timber -jp is larger than typical stems at this age due to more available sunlight



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
29	6112 - Lowland Aspen	Sapling Medium	11.6	24	Immature	-past treatment- clearcut -completion date- 1-3-92 -sale number- 54-033-90-01 -leave trees- all spruce and fir -volume (cds)- aspen- 61, jp- 90, ms- 68, rm- 23, pine- 6 -mixed alder throughout and into the canopy which is why coverage is not 75-100% -old rutting from harvest still visible with snow on
30	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	2.3	76	51-80	-younger pocket of small aspen to SE portion of stand
31	6122 - Black Spruce	Poletimber Well	9.3	68	81-110	-4-5 stick black spruce
33	6124 - Lowland Spruce- Fir	Poletimber Medium	8.7	51	51-80	-many small saplings -many shrub pockets mixed within stand canopy gaps -larger white spruce
35	6120 - Lowland Cedar	Poletimber Well	101.5	92	51-80	-trees growing on hummocks-larger diameters on outside transition zone-brown weak crowns, worse in southern 2/3rds- SW & NE, more poles and logs-central and SE has more pole and saplings with more standing water
36	4133 - Aspen, Mixed Pine	Poletimber Medium	24.1	42	51-80	-not a typical stand- variable terrain, stand structure and size classes, and species composition -significant mast oak trees that are important to wildlife that are of low timber value -most oak were not cut from last harvest -fairly healthy aspen, some rot but not a lot -many legacy and potential legacy trees within this stand
37	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Medium	44.5	79	51-80	-past treatment- thinning (s half only, 23 acres)-completion date- 09-13-89-sale number- 54-022-88-01-leave trees- all oak, wp, or rp-volume (cds)- jp- 214, aspen- 75, rm- 24, ms- 11, mhwd- 2-N- 1/3rd pole aspen-did find a few locations with rows intact (see OFS)
38	4130 - Aspen	Poletimber Well	10.5	49	51-80	-3-4 stick aspen, lower end PARVHa, -small diameters for age with fairly significant rot -artificial RP is a much better cover type to grow here, adjacent stand is evidence
40	4131 - Aspen, Oak	Poletimber Medium	55.1	41	81-110	-past treatment- clearcut-completion date- 1970 off cards for sale, assume 3-4 yrs to get it cut-sale number- none located- leave trees- appear to have left, oak and rp-volume (cds)- no record-would rather see RP for future cover type-many large mast oak
41	42220 - Natural Jack Pine	Poletimber Well	25.6	40	51-80	-cant distinguish rows and didn't locate a planting record
42	42220 - Natural Jack Pine	Sapling Well	3.5	24	51-80	-past treatment- clearcut-completion date- 1-3-92-sale number- 54-033-90-01-leave trees- none-volume (cds)- aspen- 112, jp- 91, ms- 69, rm- 44, pine- 7-thick JP on fringe of lowlands to SW-no records for planting or furrows found



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
43	4136 - Aspen, Mixed Conifer	Sapling Well	25.4	24	1-50	-past treatment- clearcut-completion date- 1-3-92-sale number- 54-033-90-01-leave trees- none-volume (cds)- aspen- 112, jp- 91, ms- 69, rm- 44, pine- 7-pockets of low ground to NW and SE with tamarack-cabin appears to be ok and on PVT ground to NW
44	6124 - Lowland Spruce- Fir	Poletimber Medium	44.2	72	51-80	-more of tamarack to NW and W-more black spruce to NE- thick alder throughout, extreme alder coverage to S & SW-took average of two trees for age
45	42320 - Upland Spruce	Poletimber Medium	5.8	61	51-80	OPIC - FMD: OI Stand Year Origin was
46	4199 - Other Mixed Upland Deciduous	Sapling Well	1.7	14	Immature	
50	42290 - Natural Mixed Pine	Sawtimber Well	14.1	72	111-140	-past treatment- was possibly thinned in past-completion date-- sale number- 1974-75-leave trees- all oak, wp, or rp-volume (cds)- rp was planted but had variable success-wp is of poor vigor and quality-good site and growth on rp, water is closer to surface
51	42290 - Natural Mixed Pine	Poletimber Poor	15.2	62	1-50	OPIC - FMD: Protect white pine and oak regen. No additional Retention is needed. Use Drumming Log Spec. -past treatment- clearcut -completion date- 8-30-10 (no tree-length skid, cut spring '09) -sale number- 54-033-08-01 -leave trees- all rp, wp, oak -volume (cds)- jp- 41, aspen- 58, rm- 12 -past treatment turned out to be more of a seed-tree cut vs clearcut -approximately 20-30 BA left of oak, rp, and wp -most wp are small poles -some areas exist where regeneration has yet to establish
52	6118 - Lowland Deciduous with Cedar	Poletimber Medium	5.3	31	51-80	-trees growing on hummocks -larger diameters on outside transition zone -brown weak crowns, worse in southern 2/3rds -SW & NE, more poles and logs -central and SE has more pole and saplings with more standing water
53	4130 - Aspen	Sapling Well	10.4	26	1-50	OPIC - FMD: OI Stand Year Origin was 1989 -past treatment- clearcut -completion date- 12-08-89 -sale number- 54-023-88-01 -leave trees- all oak -volume (cds)- aspen- 171, pine- 33, ms- 27, rm- 8, pb- 4
54	6122 - Black Spruce	Poletimber Well	28.6	81	111-140	-slightly less saturated ground than S and SW stands-higher density and larger older trees
55	6122 - Black Spruce	Sapling Medium	11.3	61	1-50	-more stagnant growth in this stand-full coverage of alder- imagery is different for this portion due to smaller size class and extremely wet



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
56	6122 - Black Spruce	Poletimber Well	4.0	63	81-110	-evaluate ground with snow off
58	6122 - Black Spruce	Poletimber Medium	28.9	74	51-80	-3-5 stick spruce -N & S contains more scattered black spruce with thick alder
59	4130 - Aspen	Sapling Well	3.9	26	Immature	OPIC - FMD: scattered mature oak and pine left for visual. -past treatment- clearcut -completion date- 12-08-89 -sale number- 54-023-88-01 -leave trees- all oak, wp, or rp -volume (cgs)- aspen- 49, pine- 10, ms- 8, rm- 2, pb- 1
60	42200 - Natural White Pine	Sawtimber Medium	8.1	94	51-80	-past treatment- clearcut -completion date- 8-30-10 (no tree-length skid, cut spring '10) -sale number- 54-033-08-01 -leave trees- all rp, wp, oak -volume (cgs)- jp- 52, aspen- 69, rm- 40, bf- 9, bs- 36 -only real advanced wp regeneration is within the south end of stand where overstory wp dominates -mixed ages in WP, appears to be two-aged, younger to N half
61	6121 - Tamarack	Poletimber Well	66.5	88	81-110	-good diameter and heights in tamarack, 4-5 stick -fairly pure tamarack stand -standing water throughout -old KG blade cuts within NW portions of stand -walked in from East, didn't use old railroad grade to west
64	4130 - Aspen	Poletimber Medium	13.1	58	81-110	-visible differences in cover type imagery and field work to verify this portion being older
65	4199 - Other Mixed Upland Deciduous	Poletimber Poor	1.8	61	1-50	
66	4134 - Aspen, Spruce/Fir	Sapling Well	8.2	6	1-50	OPIC - FMD: Follow BMP's along pond to west. Leave 50-70 BA of Residual. Shortwood to protect advanced white pine regen. Fisheries Division asks that a 25 foot buffer (cut free or selective cut) be asked around the small lake in stand 1. Wood should be able to naturally recruit to this waterbody through time. -past treatment- shelterwood -completion date- 6-6-11 (no tree-length skid, cut spring '11) -sale number- 54-002-09-01 -leave trees- all unmarked rp, wp, oak -volume (cgs)- oak- 122, aspen- 163, wp- 112, rp- 6, ms- 8, mhwd- 118 -heavy rm browse
67	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	17.6	98	51-80	-pocket of upland aspen in middle
69	4133 - Aspen, Mixed Pine	Sawtimber Well	15.2	56	81-110	-adjacent to DeCheau Lake -several areas where people camp throughout the summer -scattered pine and hardwood, pine is heavier to North end of stand



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
70	4133 - Aspen, Mixed Pine	Poletimber Well	6.7	55	81-110	OPIC - FMD: ACQUIRED 6 ACRES IN SECT 15 1995 -N 1/2 is a mix of log wp and deciduous -S 1/2 is primarily large pole aspen
71	4130 - Aspen	Sapling Well	7.1	6	Immature	OPIC - FMD: Stand includes small Day Use area maintained by State Parks. -past treatment- clearcut -completion date- 1-5-10 (cut in winter '09) -sale number- 54-026-08-01 -leave trees- all rp and wp and marked trees -volume (cgs)- aspen- 79, rm- 37, oak- 5, pb- 3, bf- 13
72	6124 - Lowland Spruce- Fir	Poletimber Medium	12.9	57	51-80	-progressively smaller diameter trees from E to W
73	4130 - Aspen	Sapling Well	13.5	6	Immature	-past treatment- clearcut-completion date- 1-5-10 (cut in winter '09)-sale number- 54-026-08-01-leave trees- all rp and wp and marked trees-volume (cgs)- aspen- 157, rm- 122, oak- 5, pb- 8, bf- 2, jp- 32
74	6123 - Lowland Fir	Sapling Medium	57.4	64	1-50	-assumed all ash in canopy is dead-larger cedar and tamarack (pole sized) towards E 1/3rd of stand-stagnant growth- standing water throughout
75	6120 - Lowland Cedar	Poletimber Poor	22.4	104	1-50	-significantly dying and dead cedar with weak crowns creating fairly low canopy coverage -in process of converting to fir
77	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	3.4	91	1-50	-too wet -standing water -cedar more dominant in south half
80	6124 - Lowland Spruce- Fir	Poletimber Well	8.7	64	51-80	-split between upland and lowland transition -3-4 stick conifer
82	6120 - Lowland Cedar	Poletimber Well	16.6	111	111-140	-brown dying cedar crowns-standing water throughout-blow down throughout with uprooted trees-too wet, similar to stand 3 but not as wet
88	6120 - Lowland Cedar	Poletimber Well	1.1	86	81-110	
89	4123 - Red Oak	Sawtimber Well	2.1	86	51-80	OPIC - FMD: scattered mature oak and pine left for visual. past treatment- clearcut -completion date- 12-08-89 -sale number- 54-023-88-01 -leave trees- all oak, wp, or rp -volume (cgs)- aspen- 49, pine- 10, ms- 8, rm- 2, pb- 1
92	6122 - Black Spruce	Poletimber Well	1.1	56	81-110	



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
97	4199 - Other Mixed Upland Deciduous	Sawtimber Well	9.6	83	81-110	-past treatment- cut everything but oak and rp -completion date- 1970 off cards, assume 3-4 years to get it cut -sale number- -leave trees- all oak, wp, or rp -volume (cds)- -large crowned oak, not many stems but occupying a lot of crown cover -don't protect WP saps, most have been suppressed too long & are of poor form with too significant of a reduction in proportion of live crown -aspens are likely 40 yrs old as well as rm
104	6122 - Black Spruce	Poletimber Well	10.6	53	81-110	-many small stems, 2-5 stick trees-drier ground towards perimeter-check during snow-off to better evaluate soils and surface
108	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	9.7	85	51-80	-mixed stand -cedar borders stream bisecting stand heading SE-NW -deciduous mix of rm and aspen outside of cedar
109	42260 - Natural Pine, Mixed Deciduous	Poletimber Well	2.2	79	51-80	
111	6123 - Lowland Fir	Poletimber Medium	3.4	42	51-80	-significantly younger fir coming into canopy
112	6121 - Tamarack	Poletimber Medium	17.8	83	51-80	OPIC - FMD: OI Stand Year Origin was 1936
113	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	9.2	82	51-80	
114	4131 - Aspen, Oak	Sapling Well	11.6	5	1-50	OPIC - FMD: Protect White Pine regen. Cut during winter to protect soils. -past treatment- clearcut -completion date- 8-30-10 (no tree-length skid, cut spring '10) -sale number- 54-033-08-01 -leave trees- all rp, wp, oak -volume (cds)- jp- 52, aspen- 69, rm- 40, bf- 9, bs- 36
116	6120 - Lowland Cedar	Poletimber Well	12.9	94	81-110	
117	6139 - Mixed Lowland Forest	Poletimber Well	8.0	79	51-80	
118	6121 - Tamarack	Poletimber Medium	22.8	83	51-80	
121	6122 - Black Spruce	Poletimber Well	1.8	73	81-110	-typically black spruce grows on bottomlands but this stand is an exception -trees are not white spruce

S
t
a
n
d

Atlanta Mgt. Unit

Report 7 – Forested Stands

Compartment: 45
Year of Entry: 2018



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
124	4130 - Aspen	Poletimber Well	16.4	40	51-80	-past treatment- clearcut-completion date- 1970-sale number- -leave trees- rp & wp-volume (cds)- -part south of e-w two-track is different cover type and age, due to mapping rules this stand was treated as an inclusion



Stand	Cover Type	Acres	Managed Site	General Comments:
2	623 - Emergent Wetland	18.7	No	OPIC - FMD: Beaver Flooding/Pond
6	500 - Water	4.3	No	
7	623 - Emergent Wetland	4.4	No	OPIC - FMD: DeCheau Lake
9	6220 - Alder/willow	1.5	No	OPIC - FMD: OI Stand Year Origin was 1989-past treatment- clearcut-completion date- 12-08-89-sale number- 54-023-88-01-leave trees- all oak-volume (cds)- aspen- 171, pine- 33, ms- 27, rm- 8, pb- 4
14	310 - Herbaceous Openland	1.4	No	
23	6224 - Treed Bog	1.7	No	-lowland shrub with scattered lowland conifers
32	310 - Herbaceous Openland	19.0	No	OPIC - FMD: Power Line, Much of the area is low ground.
34	623 - Emergent Wetland	10.9	No	OPIC - FMD: Power Line, Much of the area is low ground.
39	6229 - Mixed lowland shrub	1.9	No	
47	623 - Emergent Wetland	3.9	No	OPIC - FMD: OI Stand Year Origin was
48	6220 - Alder/willow	4.2	No	-west portions converted to tag alder from harvest -past treatment- clearcut -completion date- 1-3-92 -sale number- 54-033-90-01 -leave trees- none -volume (cds)- aspen- 112, jp- 91, ms- 69, rm- 44, pine- 7 -pockets of low ground to NW and SE with tamarack -cabin appears to be ok and on PVT ground to NW
49	6224 - Treed Bog	14.0	No	
57	622 - Lowland Shrub	33.6	No	-scattered trees within lowland shrub, could be treed bog as well
62	6220 - Alder/willow	6.7	No	
63	6220 - Alder/willow	36.6	No	
68	500 - Water	41.3	No	OPIC - FMD: DeCheau Lake



Stand	Cover Type	Acres	Managed Site	General Comments:
76	6220 - Alder/willow	7.4	No	-vigorous tall alder that could have strips cut into it quite easily with minimal trees
78	622 - Lowland Shrub	14.6	No	-tag alder with scattered lowland conifers -portions may become forested as the stand continues to develop
79	310 - Herbaceous Openland	1.6	No	OPIC - FMD: De Cheau Lake Rd & Meaford Road
81	6229 - Mixed lowland shrub	6.1	No	
84	3303 - Mixed Low Density Trees	4.4	No	-mostly scattered cherry
86	622 - Lowland Shrub	2.2	No	
87	6224 - Treed Bog	2.2	No	-lowland shrub with scattered lowland conifers
90	122 - Road/Parking Lot	13.0	No	OPIC - FMD: De Cheau Lake Rd & Meaford Road
93	122 - Road/Parking Lot	3.7	No	
95	3303 - Mixed Low Density Trees	4.2	No	-mostly scattered black cherry
98	623 - Emergent Wetland	1.2	No	
103	3301 - Low Density Deciduous Trees	4.1	No	
105	623 - Emergent Wetland	1.0	No	OPIC - FMD: OI Stand Year Origin was
106	6220 - Alder/willow	1.5	No	
107	622 - Lowland Shrub	1.3	No	OPIC - FMD: Utype mixed in SE portion of the stand.
110	122 - Road/Parking Lot	8.5	No	
115	622 - Lowland Shrub	6.8	No	-not alder, could be willow variety -fairly pure stand
119	3303 - Mixed Low Density Trees	1.0	No	OPIC - FMD: there is a lot of U-type mixed in along Meaford Road. Heavy elk use.



Stand	Cover Type	Acres	Managed Site	General Comments:
125	622 - Lowland Shrub	3.9	No	OPIC - FMD: OI Stand Year Origin was
140	790 - Other Bare/Sparsely Vegetate	3.4	No	Gas Well Facility
164	3303 - Mixed Low Density Trees	4.0	No	OPIC - FMD: OI Stand Year Origin was
401	3102 - Grass	1.6	No	OPIC - FMD: Antrim Gas Pad with some Utype around edges.
403	310 - Herbaceous Openland	22.9	Yes	OPIC - FMD: Wildlife Opening with Gas Well in middle.
414	3102 - Grass	3.6	Yes	-opening with gas well in middle
415	3102 - Grass	2.6	Yes	
416	3102 - Grass	2.8	Yes	
420	3102 - Grass	4.6	Yes	Wildlife Opening
421	3102 - Grass	9.4	Yes	Wildlife Opening
422	310 - Herbaceous Openland	6.7	Yes	OPIC - FMD: Gas Pad in Wildlife Opening
424	3102 - Grass	8.3	Yes	Wildlife Opening
425	3102 - Grass	7.8	Yes	Wildlife Opening
427	3102 - Grass	0.8	No	Gas Pad
430	3102 - Grass	1.1	No	Gas Pad
436	3102 - Grass	6.7	Yes	Wildlife Opening
437	3102 - Grass	4.2	Yes	Gas Pad in Wildlife Opening
441	3102 - Grass	3.4	Yes	Gas Pad in Wildlife Opening



Stand	Cover Type	Acres	Managed Site	General Comments:
442	3102 - Grass	6.2	Yes	
443	3102 - Grass	3.4	Yes	
444	3102 - Grass	5.1	Yes	OPIC - FMD: Wildlife Opening
450	3102 - Grass	0.9	No	Gas Pad