



# Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54154

Entry Year 2020

Acreage: 1,531

County Presque Isle

Management Area: Hammond Bay Lake Plain

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**Revision Date:** 2018-03-27

**Stand Examiner:** Andrew Krugh

**Legal Description:**

T-36-N, R-2-E, Sections 13, 14 and 15

**Identified Planning Goals:**

The main goal in this compartment is to conduct multiple resource management for the good of the citizens of the State of Michigan. Swamp Conifer and Lowland aspen are the largest timber components in this compartment with several stands of pine.

**Soil and topography:**

Grayling-Graycalm-Montcalm Association with some Lupton-Tawas. Mostly level with some rolling hills.

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

Lands are mostly contiguous in the west portion of the compartment. Private holdings, mostly hunting camps, are scattered through out the compartment. Residential areas lie to the east and access is along Balch Rd. Historic Bearinger Township Hall is located

**Unique Natural Features:**

Several reported

**Archeological, Historical, and Cultural Features:**

Potential exists in several locations around the compartment but not within.

**Special Management Designations or Considerations:**

SCA Wooded Dune Swale in the east

**Watershed and Fisheries Considerations:**

**Wildlife Habitat Considerations:**

This compartment is an excellent opportunity to manage for wildlife. It is part of a multi-compartment complex in Presque Isle county, providing good travel corridors for wildlife. Habitat components of aspen and primarily lowlands 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. Some areas are too wet to harvest, which provides habitat qualities of older age class timber. Species which benefit from our management include white-tailed deer, black bear, ruffed grouse, woodcock, and many other game and non-game species. Great habitat for deer and grouse.

**Mineral Resource and Development Concerns and/or Restrictions**

Sections 13-15, T36N-R2E, Presque Isle County

Two active sand/gravel pits are located to the southeast. Sand & gravel potential appears to be limited in most of the compartment. There does not appear to be any bedrock non-metallic mineral potential. There has been no drilling for oil & gas in this area and there is currently no known potential. There are no active mineral leases in the area. There is no known metallic mineral potential in this part of the state.

**Vehicle Access:**

County Road 646, Ocqueoc Lake Road and Balch Rd. access the bulk of the compartment; There are some two tracks that are in rough shape to access some of the areas.

**Survey Needs:**

None

**Recreational Facilities and Opportunities:**

None

**Fire Protection:**

MIDNR

**Additional Compartment Information:**

The following reports from the Inventory are attached:

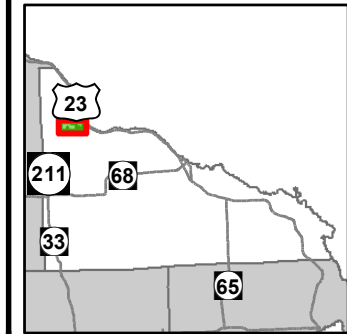
- Total Acres by Cover Type and Age Class
- Cover Type by Harvest Method
- Proposed Treatments – No Limiting Factors
- Proposed Treatments – With Limiting Factors
- Stand Details (Forested and Nonforested)
- Dedicated and Proposed Special Conservation Areas
- Site Condition Details

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

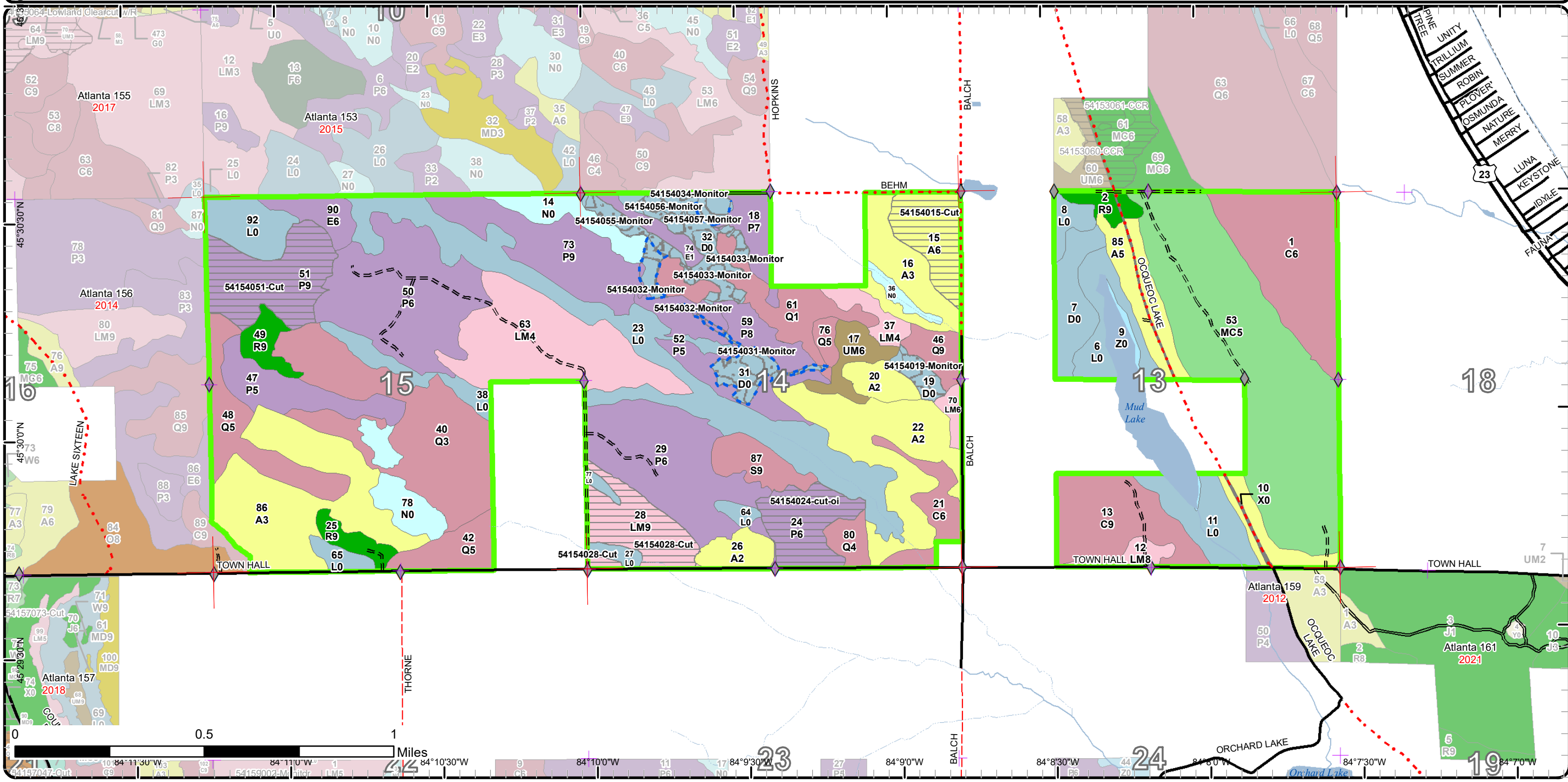
- Base feature information, stand boundaries, cover types, and numbers
- Proposed treatments
- Site condition boundaries
- Details on the road access system

# Cover Type & Treatments Map

Compartment: 154  
 T36N, R02E, Sec. 13-15  
 County: Presque Isle  
 Unit: Atlanta  
 Mgmt Area: Hammond Bay Lake Plain  
 Plain  
 YOE: 2020  
 Acres: 1,531 GIS Calculated  
 Examiner: Andrew Krugh  
 Map Revised: 10/2/2018  
 Map Phase: Post-Review

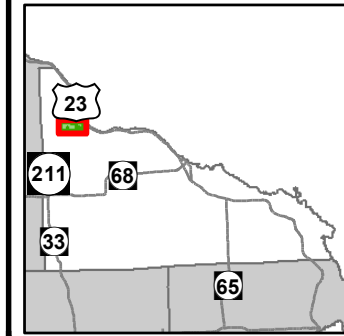


- Miris Corners
- Remonumented Section Corners
- Field Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Intermittent Stream
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers All
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut (w/Reserves)
- Regeneration Survey
- 413 - Aspen Types
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- Lakes

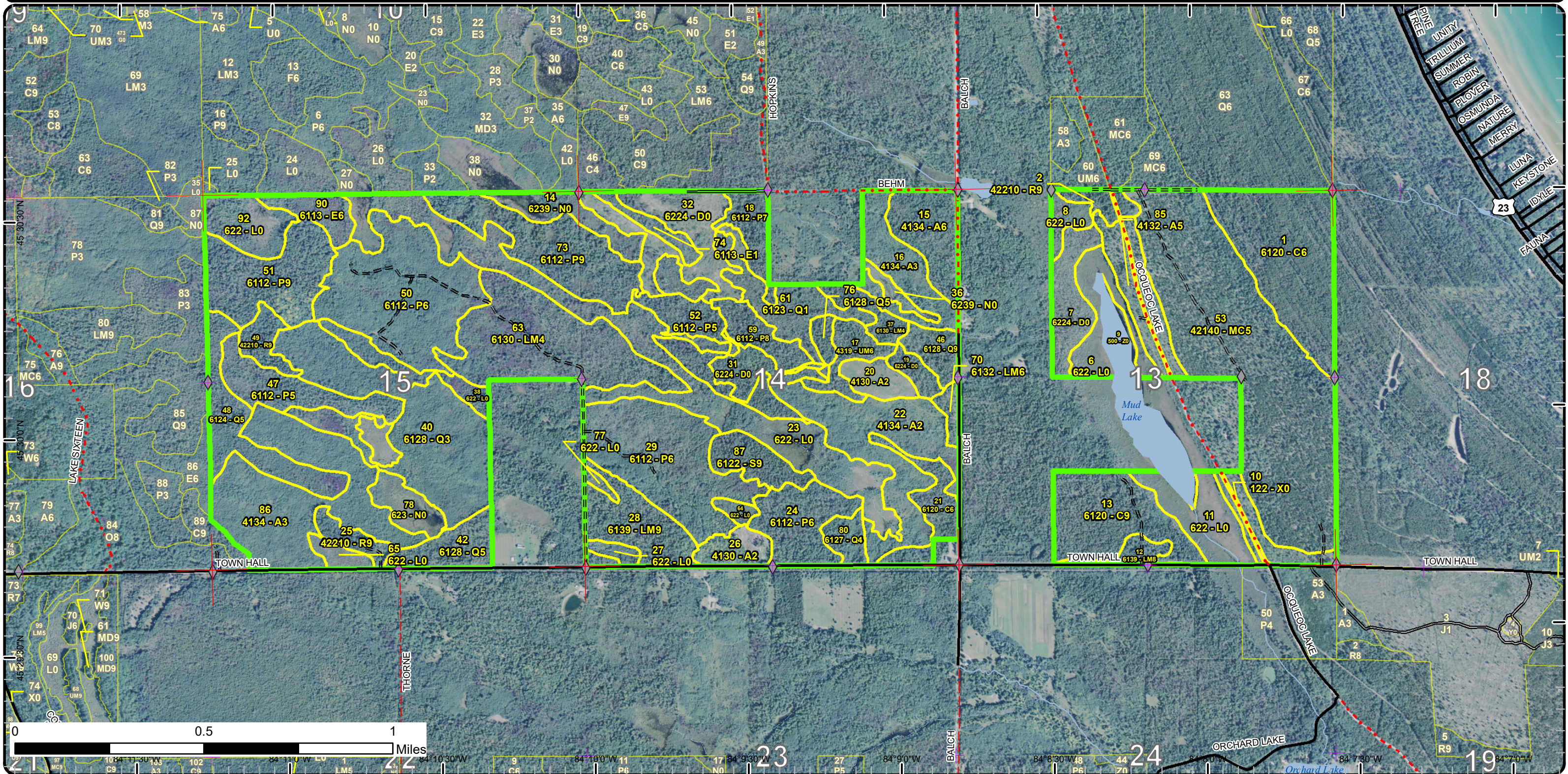


# Stand Boundary Map

Compartment: 154  
 T36N, R02E, Sec. 13-15  
 County: Presque Isle  
 Unit: Atlanta  
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 YOE: 2020  
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 Examiner: Andrew Krugh  
 Map Revised: 10/2/2018  
 Map Phase: Post-Review

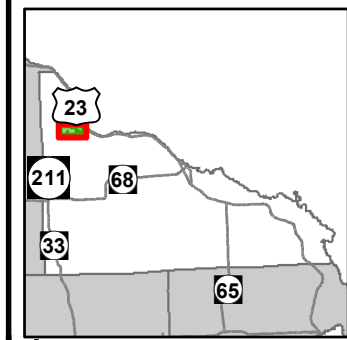


- Miris Corners
- Remonumented Section Corners
- Field Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Intermittent Stream
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers All
- Compartment Boundary
- Stand Boundaries
- 413 - Aspen Types
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
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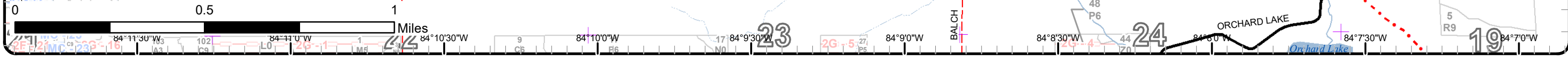
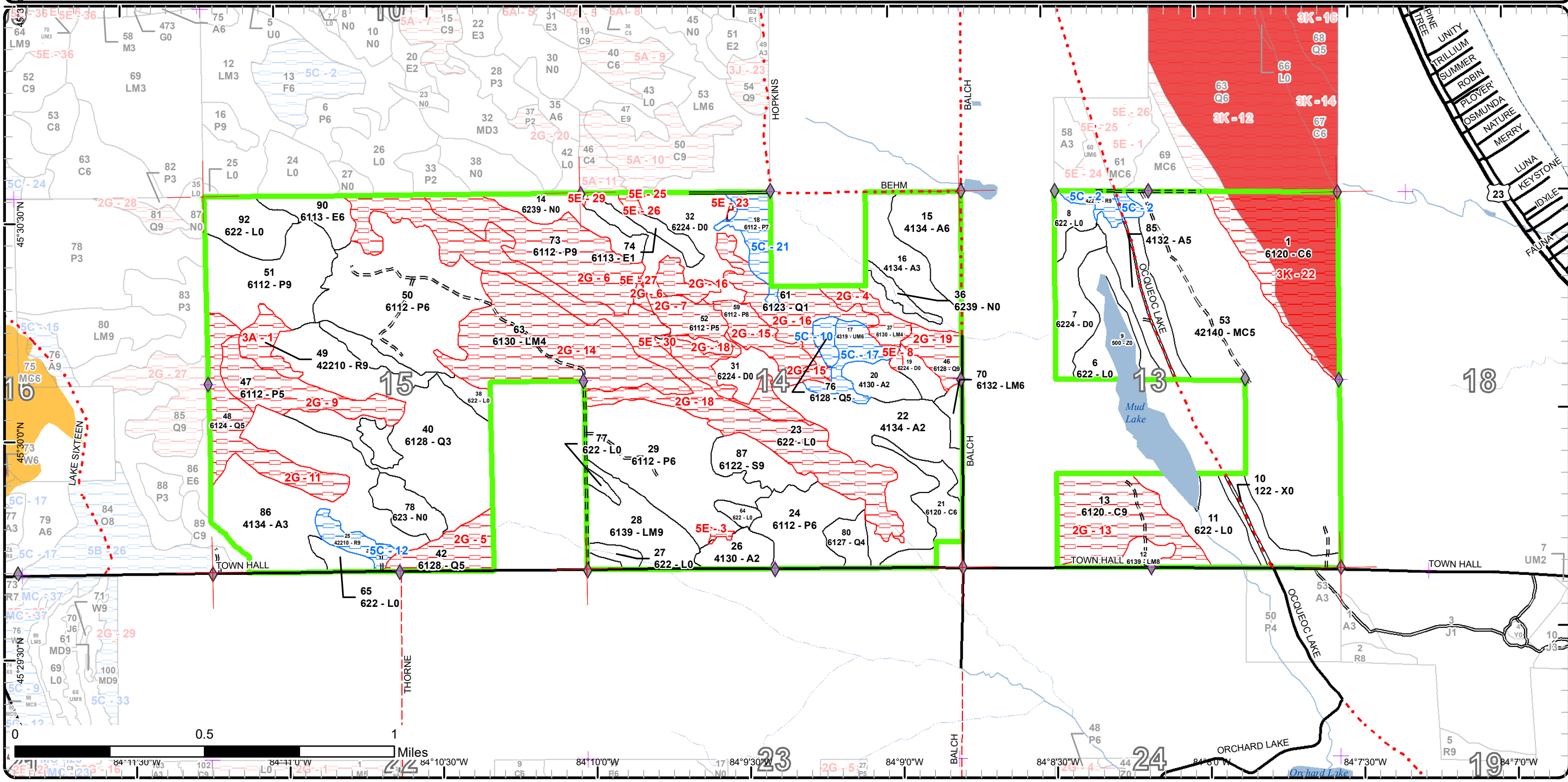


# Special Conservation Areas & Site Conditions Map

Compartment: 154  
 T36N, R02E, Sec. 13-15  
 County: Presque Isle  
 Unit: Atlanta  
 Mgmt Area: Hammond Bay Lake Plain  
 YOE: 2020  
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 Map Revised: 10/2/2018  
 Map Phase: Post-Review



- Miris Corners
- + Remonumented Section Corners
- ◆ Field Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Intermittent Stream
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers All
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2G: Too wet (sensitive soils, does not include access issues)
- 3A: Conservation Values incompatible with harvest at this time
- 3K: Rare or unique landforms
- 5E: Long-Term Retention
- Stand Boundaries
- Ecological Reference Areas
- Non-Dedicated Natural Areas and National Natural Landmarks



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	21	34	157	0	0	24	0	0	0	0	0	0	0	0	0	0	0	236
Cedar	0	0	0	0	0	0	0	0	0	17	63	0	0	43	0	0	0	0	123
Lowland Aspen/Balsam Poplar	0	0	0	0	137	0	13	0	82	99	0	0	0	0	0	0	0	0	331
Lowland Conifers	0	0	31	89	0	0	0	0	4	0	28	30	0	0	0	0	0	0	181
Lowland Deciduous	0	0	0	0	7	0	12	0	0	0	0	0	0	0	0	0	0	0	19
Lowland Mixed Forest	0	0	0	0	0	0	6	0	77	0	34	0	0	0	0	0	0	0	117
Lowland Shrub	190	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	190
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	15
Marsh	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37
Planted Mixed Pines	0	0	0	0	156	0	0	0	0	0	0	0	0	0	0	0	0	0	156
Red Pine	0	0	0	0	0	0	0	0	0	7	0	8	0	0	0	0	9	0	24
Treed Bog	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	12
Urban	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Water	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
<b>Total</b>	<b>318</b>	<b>21</b>	<b>65</b>	<b>246</b>	<b>300</b>	<b>0</b>	<b>55</b>	<b>0</b>	<b>178</b>	<b>118</b>	<b>79</b>	<b>101</b>	<b>0</b>	<b>0</b>	<b>43</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>1531</b>



## Report 2 – Treatment Summary

Atlanta Mgt. Unit

Year of Entry: 2020

Acres of Harvest

Compartment 154

Total Compartment Acres: 1,531

Commercial Harvest - 122  
 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
Aspen	24	0	0	0	0	0	0	0	0	24
Lowland Aspen/Balsam Poplar	68	0	0	0	0	0	0	0	0	68
Lowland Mixed Forest	30	0	0	0	0	0	0	0	0	30
<b>Total</b>	<b>122</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>122</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	122	0	0	0	0	52	0	0	0	173
Next Step	0	0	0	0	0	122	0	0	0	122
<b>Total</b>	<b>122</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>173</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>295</b>



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
15	54154015-Cut	24.1	4134 - Aspen, Spruce/Fir	Poletimber Well	50	51-80	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary
<b>Habitat Cut: No</b>			<b>Site Condition:</b>								
<u>Prescription</u> Clearcut with 3-10% retention. Use two inch cutting spec. Make sure grouse specs are included.											
<u>Specs:</u>											
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Treatments:</u>											
<u>Acceptable</u> Moderate to fully stocked aspen, maple, pine, and fir.											
<u>Regen:</u>											
<u>Other</u>											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/1 /2019											
19	54154019- Monitor	5.3	6224 - Treed Bog	Nonstocked	0	Unspec ified	Monitoring	Natural Regen (Re-Inventory)	6117 - Lowland Deciduous, Mixed Coniferous	Even-Aged	Draft Field Boundary
<b>Habitat Cut: No</b>			<b>Site Condition:</b>								
<u>Prescription</u> -survey regeneration per work instructions using approved methods											
<u>Specs:</u>											
<u>Next Step</u>											
<u>Treatments:</u>											
<u>Acceptable</u> -medium to high stocking of any combination of spruce, fir, red maple, birch, ash, and poplar resulting in a mixed lowland stand											
<u>Regen:</u>											
<u>Other</u> -harvest completed 2/10/17											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/1 /2017											
24	54154024-cut- oi	26.3	6112 - Lowland Aspen	Poletimber Well	83	51-80	Harvest	Clearcut	6112 - Lowland Aspen	Even-Aged	Completed - Pending Edits
<b>Habitat Cut: No</b>			<b>Site Condition:</b>								
<u>Prescription</u> OPIC - FMD: More of a Q further north. Aspen in decline in areas. Pockets of F/Q. Any mix of swamp or upland aspen or conifer is acceptable											
<u>Specs:</u> regeneration. Retention should be left along the north edge of stand, unless a better location is determind whi											
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Treatments:</u>											
<u>Acceptable</u> Any mix of swamp or upland aspen or conifer is acceptable regeneration.											
<u>Regen:</u>											
<u>Other</u>											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/1 /2009											
28	54154028-Cut	29.5	6139 - Mixed Lowland Forest	Sawtimber Well	95	81-110	Harvest	Clearcut with Retention	6111 - Lowland Balsam Poplar	Even-Aged	Draft Field Boundary
<b>Habitat Cut: No</b>			<b>Site Condition:</b>								
<u>Prescription</u> Cut all species 4 inches and greater except red pine, white pine, and cedar. Leave 3-10 percent retention. Make sure this stand is cut in the											
<u>Specs:</u> winter or extremely dry summer. Also make sure brush pile spec is in the sale for rabbits. Also add Grouse specs											
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Treatments:</u>											
<u>Acceptable</u> Moderate to fully stocked aspen, maple, balsam fir, spruce, white pine, red pine, beech, paper birch, cedar.											
<u>Regen:</u>											
<u>Other</u> Road work will need to be done prior to timber sale (use existing road that run on the east side of private property). Sale acres may reduce due											
<u>Comment:</u> to severity of ground saturation.											
<u>Proposed Start Date:</u> 10/1 /2019											





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	54154031- Monitor	10.8	6224 - Treed Bog	Nonstocked			Monitoring	Natural Regen (Re-Inventory)	6128 - Lowland Coniferous, Mixed Deciduous	Even-Aged	Draft Field Boundary

**Habitat Cut: No****Site Condition: Too Wet**Prescription -survey regeneration per work instructions using approved methodsSpecs:Next StepTreatments:Acceptable -low to high stocking of any combination of spruce, cedar, pine, fir, red maple, birch, ash, and poplar resulting in a mixed lowland standRegen:Other -harvest completed 2/10/2017Comment:Proposed Start Date: 10/1 /2017

14	54154032- Monitor	5.1	6239 - Mixed Emergent Wetland	Nonstocked			Monitoring	Natural Regen (Re-Inventory)	6128 - Lowland Coniferous, Mixed Deciduous	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition: Too Wet**Prescription -survey regeneration per work instructions using approved methodsSpecs:Next StepTreatments:Acceptable -low to high stocking of any combination of spruce, fir, cedar, pine, maple, birch, ash, and poplar resulting in a mixed lowland standRegen:Other -north portion completed 3/7/13 and south portion completed 2/10/17Comment:Proposed Start Date: 10/1 /2017

32	54154033- Monitor	9.9	6224 - Treed Bog	Nonstocked	0	Unspec ified	Monitoring	Natural Regen (Re-Inventory)	6128 - Lowland Coniferous, Mixed Deciduous	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**Prescription -survey regeneration per work instructions using approved methodsSpecs:Next StepTreatments:Acceptable -low to high stocking of any combination of spruce, fir, cedar, pine, maple, birch, ash, and poplar resulting in a mixed lowland standRegen:Other -harvest completed 3/7/13Comment:Proposed Start Date: 10/1 /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
32	54154034-Monitor	9.7	6224 - Treed Bog	Nonstocked	0	Unspec ified	Monitoring	Natural Regen (Re-Inventory)	6128 - Lowland Coniferous, Mixed Deciduous	Even-Aged	Draft Field Boundary

**Habitat Cut: No****Site Condition:**

Prescription -survey regeneration per work instructions using approved methods

Specs:

Next Step

Treatments:

Acceptable Regen: -low to high stocking of any combination of spruce, cedar, fir, pine, maple, birch, ash, and poplar resulting in a mixed lowland stand

Other

-harvest completed 3/7/13

Comment:

Proposed Start Date: 10/1 /2017

51	54154051-Cut	41.7	6112 - Lowland Aspen	Sawtimber Well	73	81-110	Harvest	Clearcut with Retention	6111 - Lowland Balsam Poplar	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Cut all species 4 inches and greater except red pine, white pine, and cedar. Leave 3-10 percent retention. Make sure this stand is cut in the winter or extremely dry summer. Also make sure brush pile spec is in the sale for rabbits. Also add grouse specs.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Moderate to fully stocked aspen, maple, balsam fir, spruce, white pine, red pine, beech, paper birch, cedar.

Other

Road work will need to be done prior to timber sale (use existing road that run on the east side of private property). Sale acres may reduce due to severity of ground saturation.

Comment:

Proposed Start Date: 10/1 /2019

32	54154055-Monitor	4.3	6224 - Treed Bog	Nonstocked	0	Unspec ified	Monitoring	Natural Regen (Re-Inventory)	6128 - Lowland Coniferous, Mixed Deciduous	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription -survey regeneration per work instructions using approved methods

Specs:

Next Step

Treatments:

Acceptable Regen: -low to high stocking of any combination of spruce, cedar, fir, pine, maple, birch, ash, and poplar resulting in a mixed lowland stand

Other

Percent to Treat = 100%

Comment:

Proposed Start Date: 10/1 /2017

32	54154056-Monitor	2.3	6224 - Treed Bog	Nonstocked	0	Unspec ified	Monitoring	Natural Regen (Re-Inventory)	6128 - Lowland Coniferous, Mixed Deciduous	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription -survey regeneration per work instructions using approved methods

Specs:

Next Step

Treatments:

Acceptable Regen: -low to high stocking of any combination of spruce, cedar, fir, pine, maple, birch, ash, and poplar resulting in a mixed lowland stand

Other

-harvest completed 3/7/13

Comment:

Proposed Start Date: 10/1 /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
18	54154057-Monitor	4.1	6112 - Lowland Aspen	Sawtimber Poor	58	1-50	Monitoring	Natural Regen (Re-Inventory)	6128 - Lowland Coniferous, Mixed Deciduous	Even-Aged	Draft Field Boundary

**Habitat Cut:** No      **Site Condition:** Age-Class or Site Quality

Prescription -survey regeneration per work instructions using approved methods

Specs:

Next Step

Treatments:

Acceptable Regen: -low to high stocking of any combination of spruce, cedar, fir, pine, maple, birch, ash, and poplar resulting in a mixed lowland stand

Other

-harvest completed 3/7/13

Comment:

Proposed Start Date: 10/1 /2017

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**Total Treatment Acreage Proposed: 173.1**

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Andrew Krugh : Examiner

Compartment: 154  
Year of Entry: 2020

### Availability for Management

Total Acres	Acres Available	Acres Available With Condition	Acres Not Available
237	237	0	0
123	17	0	106
331	204	13	114
181	89	4	88
18	18	0	0
117	40	0	77
190	97	0	93
15	15	0	0
38	38	0	0
156	156	0	0
24	0	15	9
74	71	0	3
12	0	12	0
4	4	0	0
12	12	0	0
1,531	997	44	490
	65%	3%	32%

### Dominant Site Conditions

	Total Acres	Acres Available	Acres Available With Condition	Acres Not Available	Dominant Site Conditions				
					5C	2G	3A	3K	5E
237	237	0	0	Aspen					0
123	17	0	106	Cedar		43		63	
331	204	13	114	Lowland Aspen/Balsam Poplar	13	109			5
181	89	4	88	Lowland Conifers	4	88			
18	18	0	0	Lowland Deciduous					
117	40	0	77	Lowland Mixed Forest		77			0
190	97	0	93	Lowland Shrub		93			0
15	15	0	0	Lowland Spruce/Fir					
38	38	0	0	Marsh					
156	156	0	0	Planted Mixed Pines					
24	0	15	9	Red Pine	15		9		
74	71	0	3	Treed Bog					3
12	0	12	0	Upland Mixed Forest	12				
4	4	0	0	Urban					
12	12	0	0	Water					
1,531	997	44	490	Total Forested Acres	44	409	9	63	8
	65%	3%	32%	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	3A: Conservation Values incompatible with harvest at this time	9	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
2	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Andrew Krugh : Examiner

Compartment: 154  
Year of Entry: 2020

3	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> -area retention for stand parent stand 26							
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	17	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	45	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	24	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
8	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> area retention for stand 19							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Andrew Krugh : Examiner

Compartment: 154  
Year of Entry: 2020

9	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	25	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
10	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	4	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
11	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	30	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
12	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	8	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
13	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	43	3D: Recreational / Scenic values	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Andrew Krugh : Examiner

Compartment: 154  
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14	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	68	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
15	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	15	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
16	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	31	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
17	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	12	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
18	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	93	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Andrew Krugh : Examiner

Compartment: 154  
Year of Entry: 2020

19	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	11	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
21	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	13	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
22	<b>Unavailable</b>	<b>3K: Rare or unique landforms</b>	63	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
<b>Comments:</b> MNFI wooded dune and swale landform. Understory has full coverage of white-cedar 30-40 feet tall.							
23	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> area retention for stand 57							
25	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	0	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> area retention for stand 56							
26	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> area retention for stand 34							
27	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> area retention for stand 32							



# Report 4 – Site Conditions

Atlanta Mgt. Unit  
Andrew Krugh : Examiner

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29	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> area retention for stand 55							
30	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> area retention for stand 32							

Mgt. Unit

Compartment: #Type!

Year of Entry:



### 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
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Comments



## 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.

Conservation Area	Type	Description
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.

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

Report 7 – Forested Stands

Compartment: 154  
Year of Entry: 2020



Stand	Atlanta Mgt. Unit		Acres	Stand Age	BA Range	General Comments:
	Level 4 Cover Type	Size Density				
1	6120 - Lowland Cedar	Poletimber Well	63.4	109	81-110	OLD BEACH RIDGES, MOST CEDAR IS SMALL AND GOOD CONDITION. THEFT OF CEDAR EVIDENT IN NORTH, AT THE END OF TRAIL. ROSCOMMON-TAWAS COMPLEX. SCA Wooded Dune Swale, commercial activity would create damage in this stand.
2	42210 - Natural Red Pine	Sawtimber Well	6.9	84	81-110	HOLD FOR VISUAL, both sides of Ocqueoc Rd. Natural stand.
12	6139 - Mixed Lowland Forest	Sawtimber Medium	5.9	53	51-80	
13	6120 - Lowland Cedar	Sawtimber Well	42.6	139	81-110	OPIC - FMD: SOUTH PART IS LOWER DENSITY. CEDAR THEFT EVIDENT(1996 CUTTINGS) AT END OF TRAIL NEAR PRIVATE PROPERTY. HAGENSVILLE FINE SANDY LOAM.
15	4134 - Aspen, Spruce/Fir	Poletimber Well	24.1	50	51-80	
16	4134 - Aspen, Spruce/Fir	Sapling Well	26.5	26	Immature	: CUT IN 1992. MOLTKE VERY FINE SANDY LOAM. STREAM in stand.
17	4319 - Mixed Upland Forest	Poletimber Well	12.4	83	81-110	Merge with stand 67
18	6112 - Lowland Aspen	Sawtimber Poor	13.2	58	1-50	OPIC - FMD: Very wet Q/L. Extend sale length up to five years. Potential for rutting that may exceed current guidelines. Specify high flotation equipment. Potential location for RTH. Compartment Review date was October 26, 2010.
20	4130 - Aspen	Sapling Medium	10.0	6	Immature	HAGENSVILLE FINE SANDY LOAM. cutting was completed 3/23/2012
21	6120 - Lowland Cedar	Poletimber Well	16.6	98	81-110	Stand is to wet. Non desirable regent will most likely occur.
22	4134 - Aspen, Spruce/Fir	Sapling Medium	56.4	26	Immature	CUT IN 1992, POOR REPRODUCTION IN MOST OF THE STAND. Component of red and white and swamp conifer. HAGENSVILLE FINE LOAMY SAND.
24	6112 - Lowland Aspen	Poletimber Well	27.5	83	51-80	OPIC - FMD: More of a Q further north. Aspen in decline in areas. Pockets of F/Q. Any mix of swamp or upland aspen or conifer is acceptable regeneration. Retention should be left along the north edge of stand, unless a better location is determined while setting up the timber sale, providing shade for stand along its edge.
25	42210 - Natural Red Pine	Sawtimber Well	7.9	105	111-140	
26	4130 - Aspen	Sapling Medium	10.8	3	Immature	-cutting completed 7/6/15
28	6139 - Mixed Lowland Forest	Sawtimber Well	29.6	95	81-110	LOW GROUND, Some Mortality, AREAS OF SMALL CONIFER. DETOUR FLAGGY LOAM.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
29	6112 - Lowland Aspen	Poletimber Well	63.4	34	51-80	SOME AREAS OF P-TYPE AND L-TYPE. HAGENVILLE FINE SANDY LOAM.
37	6130 - Fir, Aspen, Maple	Poletimber Poor	9.1	73	1-50	OPIC - FMD: VARIES FROM Q5Q1 TO Q2. HAGENVILLE FINE SANDY LOAM.
40	6128 - Lowland Coniferous, Mixed Deciduous	Sapling Well	80.9	24	Immature	DETOUR FLAGGY LOAM. There are pockets of P and L type scattered through the stand. This stand also contains a few natural red pine ridges that are not large enough or different in canopy structure to delineate out. The southern portion of this stand flooded while the northern portion has more high ground.
42	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	16.8	95	51-80	DETOUR FLAGGY LOAM.
46	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	10.5	95	81-110	OPIC - FMD: ASPEN WAS CUT, CEDAR AND POCKETS OF BALSAM LEFT. HAGENVILLE FINE SANDY LOAM. POCKETS OF P-TYPE AND L-TYPE. REPRODUCTION NOT THE GREATEST. Extend sale length up to five years. Potential for rutting that may exceed current guidelines. Specify high flotation equipment. Potential location for RTH. Compartment Review date was October 26, 2010.-significant/out of spec rutting for forwarding to landing in stand 20 and poor Winter conditions prevented getting this area harvested (see site conditions layer)-this area was part of refunded acreage within timber sale 54-045-11-01 Balch Road Mix-refund acreage was re-cruised on a point per acre basis due to no original cruise map -average BA for refunded acreage was 39 with 9 cords per acre-residual composition for 47.8 acres taken from point per acre cruise-refund volume composition- cedar-9%, rp-2%, bf-37%, rm-4%, pb-2%, qa-46%
47	6112 - Lowland Aspen	Poletimber Medium	25.2	75	51-80	DETOUR FLAGGY LOAM. Wet.
48	6124 - Lowland Spruce- Fir	Poletimber Medium	29.7	101	51-80	OPIC - FMD: QUITE WET.POOR QUALITY, STRIP OF CEDAR ALONG EDGE OF R9. DETOUR FLAGGY LOAM.
49	42210 - Natural Red Pine	Sawtimber Well	9.4	150	111-140	WAS THINNED IN 1983. Hemlock and striped maple. Natural stand, difficult access, old skid trail, to stand, contains cat tail, tag alder and water. Old comment not sure where access was.
50	6112 - Lowland Aspen	Poletimber Well	73.8	35	81-110	
51	6112 - Lowland Aspen	Sawtimber Well	41.7	73	81-110	



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
52	6112 - Lowland Aspen	Poletimber Medium	25.9	88	1-50	OPIC - FMD: Very wet Q/L. Extend sale length up to five years. Potential for rutting that may exceed current guidelines. Specify high flotation equipment. Potential location for RTH. Compartment Review date was October 26, 2010.-original stand number was 32-evaluate stand more thoroughly during next inventory-this area was part of refunded acreage within timber sale 54-045-11-01 Balch Road Mix-refund acreage was re-cruised on a point per acre basis due to no original cruise map -average BA for refunded acreage was 39 with 9 cords per acre-residual composition for 47.8 acres taken from point per acre cruise-refund volume composition- cedar-9%, rp-2%, bf-37%, rm-4%, pb-2%, qa-46%
53	42140 - Planted Mixed Pine	Poletimber Medium	155.7	30	111-140	OPIC - FMD: SCARIFIED W/ CHOPPER AND CHAINS IN 1987, DIRECT SEEDED W/ 3/4# JP & 1/4# WP PER ACRE IN 1988-SPRING-FROM SNOWMOBILE. 1998 FAIR TO GOOD REPRODUCTION. RED PINE SAW SCATTERED THROUGH OUT. J4/J3. North south trail crossing in, some open areas.
59	6112 - Lowland Aspen	Sawtimber Medium	14.9	73	81-110	OPIC - FMD: VARIES FROM Q5Q1 TO Q2. HAGENVILLE FINE SANDY LOAM. Extend sale length up to five years. Potential for rutting that may exceed current guidelines. Specify high flotation equipment. Potential location for RTH. Compartment Review date was October 26, 2010.-a swale within stand 66 created significant/out of spec rutting for forwarding to landing in stand 20, established beaver dams preventing adequate drainage, and poor Winter conditions prevented getting this area harvested (see site conditions layer)-significant areas tag alder included within this sale were excluded as not being treated/clearcut (see site conditions layer)-this area was part of refunded acreage within timber sale 54-045-11-01 Balch Road Mix-refund acreage was re-cruised on a point per acre basis due to no original cruise map  -average BA for refunded acreage was 39 with 9 cords per acre-residual composition for 47.8 acres taken from point per acre cruise-refund volume composition- cedar-9%, rp-2%, bf-37%, rm-4%, pb-2%, qa-46%-survey regeneration per work instructions using approved methods
61	6123 - Lowland Fir	Sapling Poor	30.7	15	Immature	OPIC - FMD: MOSTLY WET, POOR QUALITY, PATCHY CONIFER REPRO, NO TMT. GLAWE MUCKY VERY FINE SANDY LOAM. Extend sale length up to five years. Potential for rutting that may exceed current guidelines. Specify high flotation equipment. Potential location for RTH. Compartment Review date was October 26, 2010.-harvest completed 3/7/13
63	6130 - Fir, Aspen, Maple	Poletimber Poor	68.2	76	1-50	VERY POOR QUALITY AND CONDITION.
70	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	4.6	98	81-110	FAIRLY NICE CEDAR ESP. ALONG E SIDE, HOLD FOR VISUAL WHEN STD TO WEST IS CUT
73	6112 - Lowland Aspen	Sawtimber Well	45.1	86	51-80	OPIC - FMD: POORLY DRAINED SOIL, HOLD INDEF.
74	6113 - Lowland Maple	Sapling Poor	6.9	30	Immature	OPIC - FMD: HAGENVILLE SANDY LOAM

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Atlanta Mgt. Unit

## Report 7 – Forested Stands

Compartment: 154  
Year of Entry: 2020

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
76	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	4.2	73	1-50	OPIC - FMD: VARIES FROM Q5Q1 TO Q2. HAGENVILLE FINE SANDY LOAM. Extend sale length up to five years. Potential for rutting that may exceed current guidelines. Specify high flotation equipment. Potential location for RTH. Compartment Review date was October 26, 2010.
80	6127 - Lowland Pine	Poletimber Poor	7.9	24	51-80	Filled in with white pine and tag alder. DETOUR FLAGGY LOAM.
85	4132 - Aspen, Jack Pine	Poletimber Medium	34.2	17	Immature	OPIC - FMD: Cut jp in 2001. Understory a mix of red and jack pine and some aspen. Some red pine saw timber.
86	4134 - Aspen, Spruce/Fir	Sapling Well	74.9	24	Immature	DETOUR FLAGGY LOAM.
87	6122 - Black Spruce	Sawtimber Well	15.2	73	81-110	HAGENVILLE FINE SANDY LOAM.
90	6113 - Lowland Maple	Poletimber Well	11.5	56	81-110	.



Stand	Cover Type	Acres	Managed Site	General Comments:
6	622 - Lowland Shrub	20.5	No	OPIC - FMD: Surrounds the north part of Mud Lake, (Mud Lake is not under State ownership, per LOTS) EAST LAKE DEER PARK ASSOCIATION.
7	6224 - Treed Bog	20.2	No	OPIC - FMD: WET, EAST LAKE DEER PARK ASSOCIATION.
8	622 - Lowland Shrub	6.7	No	OPIC - FMD: EAST LAKE DEER PARK ASSOCIATION.
9	500 - Water	11.6	No	
10	122 - Road/Parking Lot	4.5	No	OPIC - FMD: Scattered red pine. Heavy to aspen in the south. Cut jn, 1999. Red pine overstory is red pine, west side of Ocqueoc Lake Road is P3 (aspen birch). Some oak in the understory.
11	622 - Lowland Shrub	23.6	No	OPIC - FMD: Surrounds the south end of Mud Lake, Mud Lake not in State ownership (per LOTS) EAST LAKE-DEER PARK ASSOCIATION
14	6239 - Mixed Emergent Wetland	15.7	No	OPIC - FMD: Very wet Q/L. Extend sale length up to five years. Potential for rutting that may exceed current guidelines. Specify high flotation equipment. Potential location for RTH. Compartment Review date was October 26, 2010.
19	6224 - Treed Bog	6.2		OPIC - FMD: ASPEN WAS CUT, CEDAR AND POCKETS OF BALSAM LEFT. HAGENVILLE FINE SANDY LOAM. POCKETS OF P-TYPE AND L-TYPE. REPRODUCTION NOT THE GREATEST. Extend sale length up to five years. Potential for rutting that may exceed current guidelines. Specify high flotation equipment. Potential location for RTH. Compartment Review date was October 26, 2010.  -harvest completed 2/10/17
23	622 - Lowland Shrub	92.7	No	OPIC - FMD: CATHRO MUCK.
27	622 - Lowland Shrub	3.8	No	OPIC - FMD: STREAM THROUGH STAND. Some P-type in stand.
31	6224 - Treed Bog	10.8		OPIC - FMD: VARIES FROM Q5Q1 TO Q2. HAGENVILLE FINE SANDY LOAM. Extend sale length up to five years. Potential for rutting that may exceed current guidelines. Specify high flotation equipment. Potential location for RTH. Compartment Review date was October 26, 2010.-a swale within stand 66 created significant/out of spec rutting for forwarding to landing in stand 20, established beaver dams preventing adequate drainage, and poor Winter conditions prevented getting this area harvested (see site conditions layer)-significant areas tag alder included within this sale were excluded as not being treated/clearcut (see site conditions layer)
32	6224 - Treed Bog	36.9		OPIC - FMD: Very wet Q/L. Extend sale length up to five years. Potential for rutting that may exceed current guidelines. Specify high flotation equipment. Potential location for RTH. Compartment Review date was October 26, 2010.
36	6239 - Mixed Emergent Wetland	4.4	No	OPIC - FMD: CUT IN 1992. POOR REPRODUCTION. MOLTKE VERY FINE SANDY LOAM. STREAM in stand.





Stand	Cover Type	Acres	Managed Site	General Comments:
38	622 - Lowland Shrub	12.9	No	OPIC - FMD: OI Stand Year Origin was
64	622 - Lowland Shrub	3.2	No	OPIC - FMD: CATHRO MUCK.
65	622 - Lowland Shrub	5.6	No	
77	622 - Lowland Shrub	2.0	No	OPIC - FMD: Several old beaver floodings CATHRO MUCK.
78	623 - Emergent Wetland	17.5	No	OPIC - FMD: EAST LAKE DEER PARK ASSOCIATION. L- to the east, with some E to the west.
92	622 - Lowland Shrub	18.6	No	OPIC - FMD: Q-type in the north. HAGENVILLE SANDY LOAM