



Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54057

Entry Year 2026

Acreage: 1,384

County Montmorency

Management Area: Presque Isle Lake and Till Plains

Stand Examiner: Dale Parris

Legal Description:

T31N R04E Sections 16, 19, 20, and 21

Identified Planning Goals:

All harvests have been prescribed following the direction indicated in the Presque Isle Lake and Till Plains Management Area (PILTPMA) Plan and Timber Analysis. In all cases the unique characteristics of the individual stand was taken into consideration when writing the prescription. For the purpose of balancing the age class acre distributions of covertypes across the Management Area (MA), forest management during the 2026 YOY in the PILTPMA will focus on the major covertypes within the individual compartments. Wildlife, recreation, aesthetics, adjacent stands, and the larger landscape were considered in all management decisions.

Soil and topography:

The excessively drained Grayling sand dominates the Compartment 57 soil except for an approximately 1300-foot-wide band of the very poorly drained Tawas-Lupton mucks that surround Brush Creek in the northeast corner of the compartment. The topography of Compartment 57 is mostly flat to slightly rolling hills. Steep slopes are present in the northeast corner of the Compartment along the north and south edges of the lowlands that surround Brush Creek.

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

Compartment 57 is bordered mostly by additional state land to the north and south. The east portion of the compartment has a subdivision (Pine Oaks Subdivision) along its boundary. The compartment is bordered by large parcel recreational properties and farmland to the southwest and southeast.

Unique Natural Features:

Brush Creek runs through the northeast corner of the compartment. This portion of Brush Creek is a high priority trout stream. A cold-water stream emerges from the ground within the southeast region of Compartment 57 and empties into Sucker Lake to the south. Much of the compartment is comprised of planted red pine and planted jack pine stands. Mixed lowland forest surrounds Brush Creek to the northeast. Naturally regenerated jack pine, oak stands, and jack pine/oak mixed stands can be found north and south of the Brush Creek lowlands.

Archeological, Historical, and Cultural Features:

State Historic Preservation Office (SHPO) records indicate that there are known areas of concern north and south of Compartment 57. All proposed management activities have taken these concerns into consideration. Contact SHPO for additional information.

Special Management Designations or Considerations:

The Michigan Natural Features Inventory (MNFI) at the Michigan State University Extension website had record of 1 species historically being in or near Compartment 57 that requires consideration when implementing forest management strategies. This species is the Kirtland's Warbler (*Dendroica kirtlandii*), a federally and state endangered species.

Watershed and Fisheries Considerations:

Brush Creek runs through the northeast corner and Miller Creek runs just outside the southwest corner of Compartment 57. Both creeks are designated cold water and high priority trout streams in this area. No harvest operations are to occur within 300 feet of either creek. Best management practices are to be followed when conducting forest management near lakes, streams, and rivers.

Wildlife Habitat Considerations:

The primary focus of wildlife habitat management will be to address the habitat requirements identified for the listed featured species found in this compartment. These species include ruffed grouse, black bear, and white-tailed deer. Based on the selected featured species, some of the most significant wildlife management issues in the management area are the maintenance of young forest, the retention of large, over-mature trees and snags and the maintenance and expansion of hard mast and mesic conifer components.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial production of metallic minerals in this part of the state. The closest known active sand/gravel operation is roughly one mile southwest, and there is evidence of a former pit within the compartment, in the SESE of Sec 20. There may be some potential for additional sand & gravel in the compartment, but it might be too far from large population areas (markets) to have much economic potential beyond use by the county road commission or DNR for local road maintenance. In addition, any sand & gravel development would need to avoid oil & gas facilities. The compartment is within the Antrim Shale gas play but on the northern edge. Most State-owned mineral rights in the compartment are currently leased and held by production. Potential for any additional Antrim development in the compartment in the future is considered low, and no known potential exists for oil & gas from other known producing formations.

Vehicle Access:

Vehicle access to Compartment 57 is excellent. Vehicle access to Compartment 57 is from Pleasant Valley Road to the South, Miller Creek Road from the west, Brush Creek Truck Trail from the north, and from Pine Oaks Road/Red Oak Trail from the east.

Survey Needs:

For the purpose of conducting timber sales and maintaining legal private/state land boundary posting locations, there may be a need for property line surveys within Compartment 57. Further investigation will be needed to determine the extent to which these surveys are required.

Recreational Facilities and Opportunities:

Rabbit/hare, grouse, woodcock, whitetail deer, squirrel, turkey, and bear hunting as well as fishing opportunities are available within Compartment 57 in season with a valid license. Wildlife viewing opportunities are also present. All regulations set forth by the Michigan Department of Natural Resources are to be adhered to by hunters.

The Atlanta ATV Trail, Atlanta ORV Route, and LP4 Snowmobile Trail are motorized trails that traverse through Compartment 57 offering recreational opportunities seasonally with the proper registration and vehicle licensing. A snowmobile trailhead/parking lot is located within the compartment at the intersection of Pine Oaks Road and Red Oak Trail.

Fire Protection:

In the case of wildland fire, Compartment 57 is within the response area of the Atlanta DNR Fire Taskforce/Atlanta Forest Management Unit. The Hillman Fire Department also responds to wildfires in this area. The Atlanta DNR Fire Task Force is within 13 miles of the compartment and typically would be able to be on scene within 20 to 30 minutes after being dispatched. The Hillman Fire Departments is within closer range of Compartment 57, typically making their response times quicker than that of the Atlanta DNR Task Force.

Additional Compartment Information:

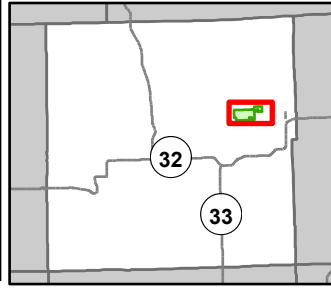
The following reports from the Inventory are attached:

- 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**

Stand Boundary Map



Compartment: 54057
 T31N, R4E, Sec: 16, 19-21
 County: Montmorency
 Unit: Atlanta
 Mgmt Area: Presque Isle Lake and Till Plains
 YOE: 2026
 Acres: 1383.8 GIS Calculated
 Examiner: Dale Parris
 Map Revised: 09/04/2024
 Map Phase: Post Review



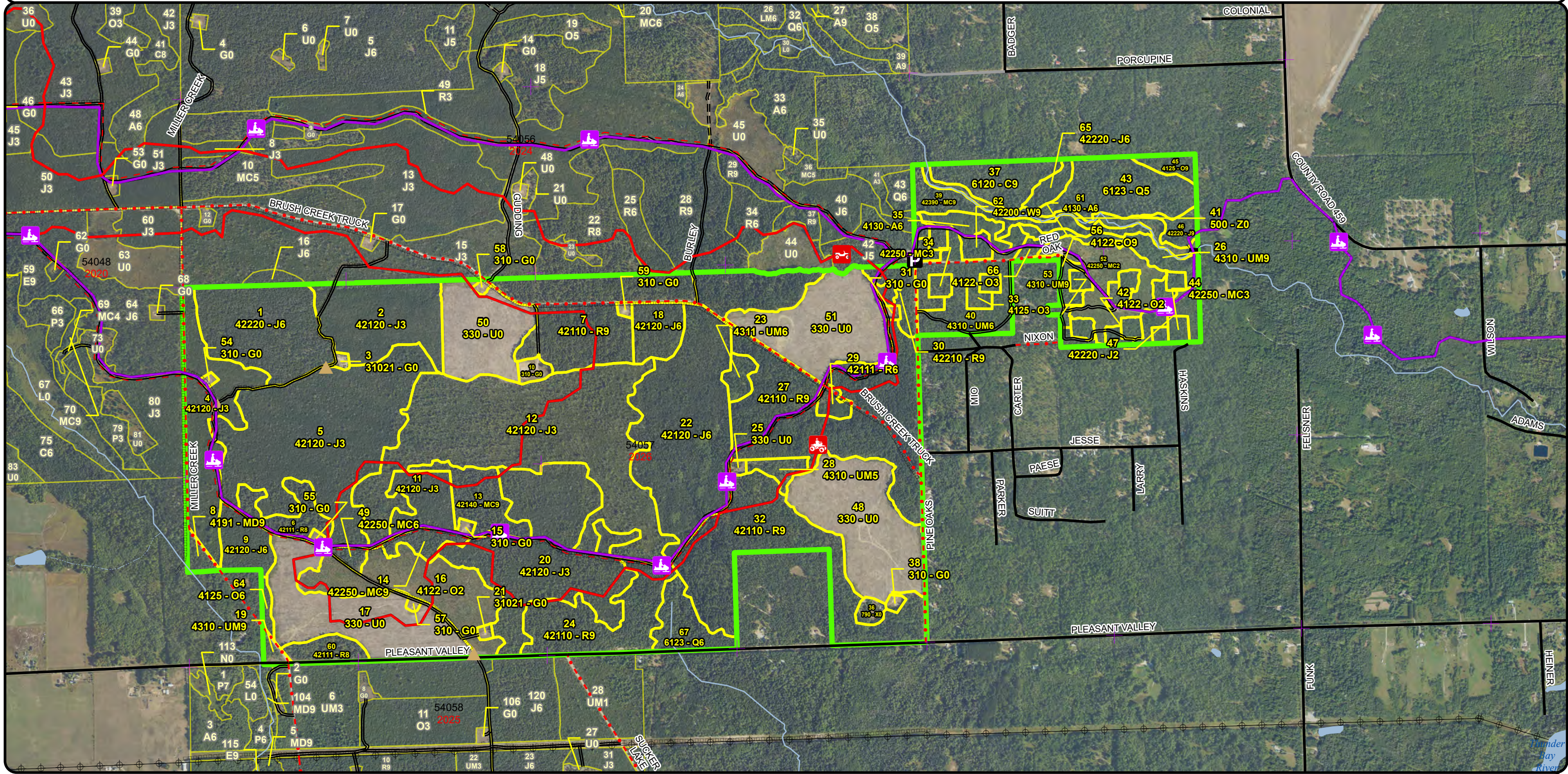
- Berms
- Bridges
- Parking Lot
- Remonumented Section Corners
- ORV Trails
- ORV Routes
- Snowmobile Trails

- Designated ORV Routes
- Designated Snowmobile Trails
- Designated ATV Trails
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road

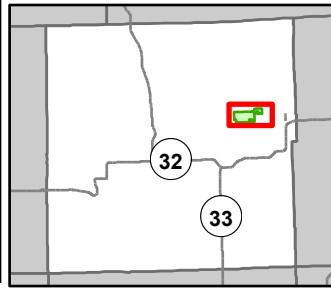
- Private - Paved Road
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Powerline

- Compartment Boundary
- Stand Boundaries

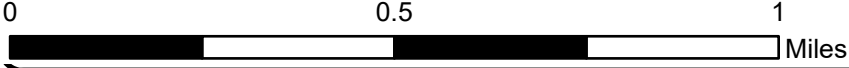
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 790 - Other Bare/Sparsely Vegetated



Special Conservation Areas & Site Conditions Map

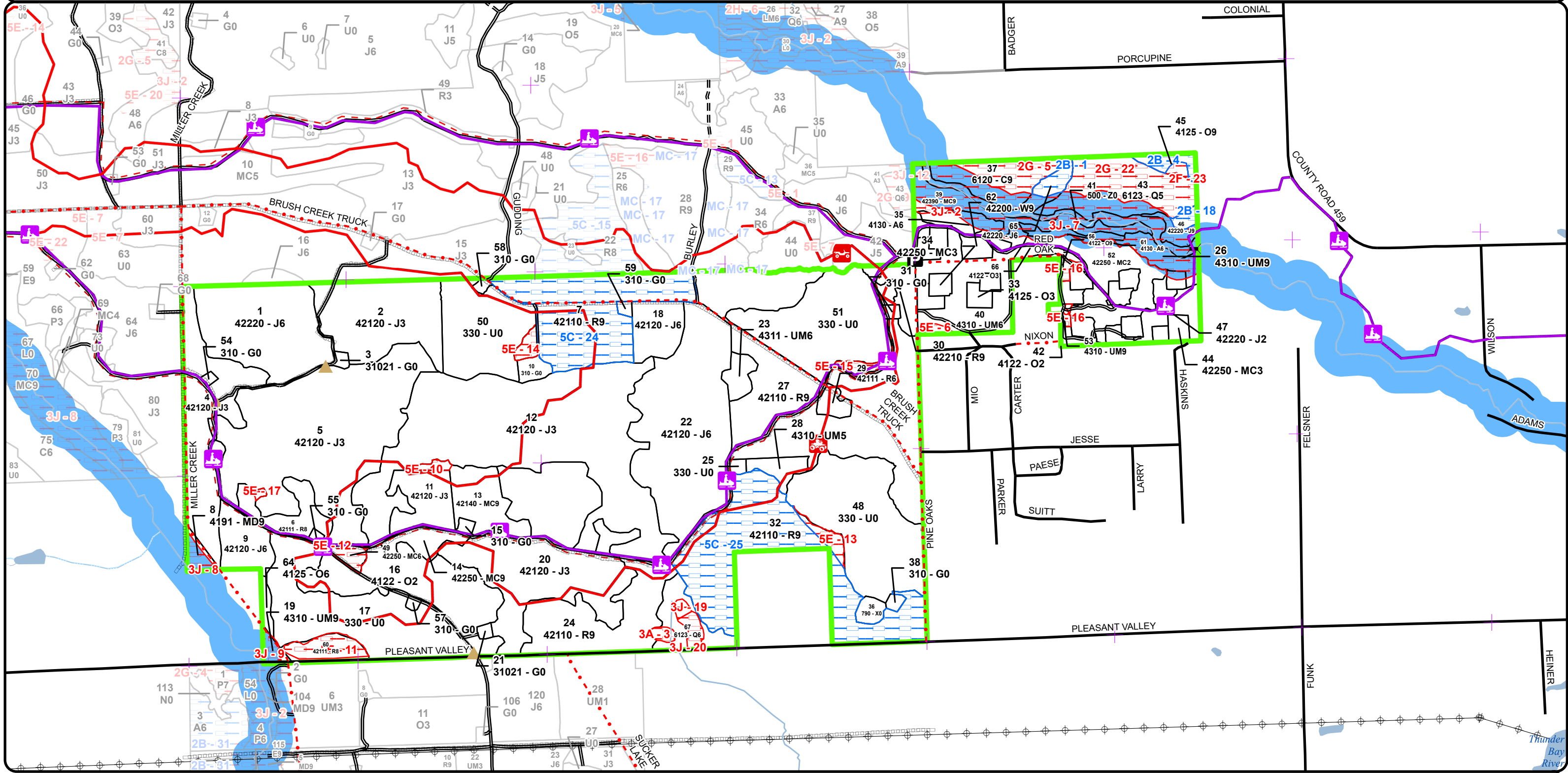


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- Berms
- Bridges
- Parking Lot
- Remonumented Section Corners
- ORV Trails
- ORV Routes
- Snowmobile Trails
- Designated ORV Routes
- Designated Snowmobile Trails
- Designated ATV Trails
- DNR - Secondary Forest Road
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- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Paved Road
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Powerline
- Compartment Boundary

- Available w/ Constraints
- Unavailable
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 3A: Conservation Values incompatible with harvest at this time
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- Cold Water Streams
- High Priority Trout Stream Buffer



Report 1 – Total Acres by Cover Type and Age Class

Atlanta Mgt. Unit
Dale Parris : Examiner

Compartment 57 Year of Entry 2026



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	0	0	0	7	0	4	0	0	0	0	0	0	0	0	0	0	0	11
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	0	0	0	18	0	0	0	0	0	18
Herbaceous Openland	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Jack Pine	0	0	182	40	214	137	5	0	5	0	0	0	0	0	0	0	0	0	583
Low-Density Trees	189	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	189
Lowland Conifers	0	0	0	0	0	0	30	15	0	0	0	0	0	0	0	0	0	0	45
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4
Natural Mixed Pines	0	24	0	17	0	0	0	3	7	0	0	0	0	0	0	0	0	0	51
Oak	0	41	18	2	2	0	0	0	0	2	5	0	0	0	0	0	0	0	70
Planted Mixed Pines	0	0	0	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	18
Red Pine	0	0	0	4	0	0	0	0	8	289	0	0	0	0	0	0	0	0	301
Upland Conifers	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	15
Upland Mixed Forest	0	0	0	0	0	10	0	0	0	41	0	0	0	0	0	0	0	0	51
Water	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
White Pine	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
Total	215	65	200	63	223	147	39	33	23	350	9	0	18	0	0	0	0	0	1385



Report 2 – Treatment Summary

Atlanta Mgt. Unit

Compartment 57

Year of Entry: 2026

Acres of Harvest

Total Compartment Acres: 1,384

Commercial Harvest - 193
 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
Lowland Conifers	9	0	0	0	0	0	0	0	0	9
Natural Mixed Pines	7	0	0	0	0	0	0	0	0	7
Red Pine	95	0	0	0	51	0	0	0	0	146
Upland Mixed Forest	31	0	0	0	0	0	0	0	0	31
Total	142	0	0	0	51	0	0	0	0	193

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	193	0	0	0	0	157	0	0	0	350
Next Step	0	356	100	0	0	100	341	0	0	897
Total	193	356	100	0	0	100	498	0	0	1247



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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Proposed Treatments:

14	54057014-Cut	6.9	42250 - Pine, Oak	Sawtimber Well	78	51-80	Harvest	Clearcut	4319 - Mixed Upland Forest	Even-Aged	No
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Prescription Clear-cut
Specs: Retention is not necessary due to the small size of the stand.
 Include specs to protect the recreation trails and its users.
 Include sale spec "5.2.3.4 Oak wilt Restriction, no exceptions" to protect oak/oak regeneration from oak wilt.
Next Step Monitoring, Natural Regen (Intermediate)
Treatments:
Acceptable Regen: Acceptable regeneration is any medium to well stocked mix of jack pine, oak, white pine, and/or red pine. Mixed upland forest in the form of pine-oak or oak-pine is the expected regeneration and is acceptable.
Other Comment: Perform natural regeneration surveys for the first 5 years post-harvest or as needed to ensure for the regeneration of the stand.
Site Condition
 Proposed Start Date: 10/1 /2025

23	54057023-Cut	4.9	4311 - Pine, Aspen Mix	Poletimber Well	48	81-110	Harvest	Clearcut	4211 - Planted Red Pine	Even-Aged	No
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Prescription Clear-cut with retention.
Specs: Plant to red pine.
 Include specs to protect the recreation trails and its users.
Next Step SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Skidder - Site Prep; Planting, Initial Plant; Monitoring, Herbicide Use;
Treatments: Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)
Acceptable Regen: Acceptable regeneration is a fully stocked stand of red pine with a minor component of other native species.
Other Comment: The oak wilt specs may be needed to protect the understory regeneration present from oak wilt.
Site Condition
 Proposed Start Date: 10/1 /2025

24	54057024-Cut	35.6	42110 - Planted Red Pine	Sawtimber Well	87	81-110	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
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Prescription Clear-cut with retention.
Specs: Plant to red pine.
 Include specs for protecting recreation trails and their users.
Next Step SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Skidder - Site Prep; Planting, Initial Plant; Monitoring, Herbicide Use;
Treatments: Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)
Acceptable Regen: Acceptable regeneration is a well-stocked stand of red pine with minor components of other native species.
Other Comment: The oak wilt specs may be needed to protect the understory regeneration present from oak wilt.
Site Condition
 Proposed Start Date: 10/1 /2025



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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27	54057027-Cut	59.2	42110 - Planted Red Pine	Sawtimber Well	87	171-200	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
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Prescription Clear-cut with retention.

Specs:

Plant to red pine.

Include specs to protect the recreation trails and its users.

Next Step SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Skidder - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr);

Treatments: Monitoring, Artificial Regen(3yr); Monitoring, Herbicide Use

Acceptable Regen: Acceptable regeneration is a fully stocked stand of red pine with a minor component of other native species.

Other Comment:

The oak wilt specs may be needed to protect the understory regeneration present from oak wilt.

Site Condition

Proposed Start Date: 10/1 /2025

27	54057027-Cutx	51.4	42110 - Planted Red Pine	Sawtimber Well	87	171-200	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
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Prescription Thin to 120 BA. Do not remove more than 1/3 of the BA in any part of the crown thinning treatment.

Specs:

Include specs to protect the recreation trails and its users.

Next Step

Treatments:

Acceptable Regen: This is not a regeneration harvest.

Other Comment:

The oak wilt specs may be needed to protect the understory regeneration present from oak wilt.

Comment:

Thin the retention on west edge of this stand along with this treatment.

Site Condition

Proposed Start Date: 10/1 /2025

40	54057040-Cut	26.2	4310 - Pine, Oak Mix	Poletimber Well	89	81-110	Harvest	Clearcut with Retention	4122 - Oak, Pine	Even-Aged	No
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Prescription Clear-cut with retention.

Specs:

Retention is already marked out of the south portion of the stand.

Protect all oak regeneration.

Require a shortwood operation for the protecting of advanced oak regeneration.

Include sale spec "5.2.3.4 Oak wilt Restriction, no exceptions" to protect oak/oak regeneration from oak wilt.

Include specs to protect the recreation trails and its users.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Acceptable regeneration is any medium to well stocked mix of oak, jack pine, red pine, white pine, aspen, and/or balsam fir.

Other Comment:

Leave the NW island of this stand to be harvested with the adjacent compartment to the west or Stand 35 to the north.

Comment:

Site Condition

Proposed Start Date: 10/1 /2025



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
67 54057067-Cut	9.1	6123 - Lowland Fir	Poletimber Well	66	81-110	Harvest	Clearcut with Retention	6128 - Lowland Coniferous, Mixed Deciduous	Even-Aged	No
<p><u>Prescription</u> Clear-cut with retention.</p> <p><u>Specs:</u></p> <p>Place the retention within the creek buffer to be marked out of the stand.</p> <p>Include specs for protecting recreation trails and their users.</p> <p>Include oak wilt spec to protect the oak in the adjacent stands.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regeneration is a low to medium stocked stand of balsam fir, aspen, red maple, spruce, paper birch, and/or jack pine.</p> <p><u>Other Comment:</u> Per 3/15/2024 email communications with fisheries biologist Matt Klungle, the treatment can come no closer than 50 feet of the cold-water stream provided that soils are stable enough to accommodate the equipment.</p> <p>A cedar pocket with wind buffer is left out of the treatment in the southwest corner of the stand to preserve area diversity.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										

Approved Treatments:

17 54057017-Monitor	41.2	330 - Low-Density Trees	Nonstocked	0	Immature	Monitoring	Artificial Regen(3yr)	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Acceptable regen can be of medium/well stocked red pine and oak.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Trenching</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regen can be of medium/well stocked red pine and oak.</p> <p><u>Other Comment:</u> Percent to Treat = 100%</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										
48 54057048-Monitor	47.1	330 - Low-Density Trees	Nonstocked	0	Immature	Monitoring	Artificial Regen(3yr)	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Acceptable regen can be of medium/well stocked red pine and oak.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Trenching</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regen can be of medium/well stocked red pine and oak.</p> <p><u>Other Comment:</u> Percent to Treat = 100%</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
50 54057050-Monitor	27.8	330 - Low-Density Trees	Nonstocked	0	Unspecified	Monitoring	Artificial Regen(3yr)	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Acceptable regen can be of medium/well stocked red pine. <u>Specs:</u> <u>Next Step</u> SitePrep, Trenching <u>Treatments:</u> <u>Acceptable Regen:</u> Acceptable regen can be of medium/well stocked red pine. <u>Other Comment:</u> Percent to Treat = 100% <u>Site Condition</u> Proposed Start Date: 10/1 /2023</p>										
51 54057051-Monitor	40.6	330 - Low-Density Trees	Nonstocked	0		Monitoring	Artificial Regen(3yr)	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Acceptable regen can be of medium/well stocked red pine and oak. <u>Specs:</u> <u>Next Step</u> SitePrep, Trenching <u>Treatments:</u> <u>Acceptable Regen:</u> Acceptable regen can be of medium/well stocked red pine and oak. <u>Other Comment:</u> Percent to Treat = 100% <u>Site Condition</u> Proposed Start Date: 10/1 /2023</p>										

Total Treatment Acreage Proposed: 350

Report 4 – Site Conditions

Atlanta Mgt. Unit
Dale Parris : Examiner

Compartment: 57
Year of Entry: 2026



Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions							
		With Condition	Not Available		2B	5C	2F	2G	3A	3J	5E	
10	4	0	6	Aspen							6	
3	3	0	0	Bare/Sparsely Vegetated								
18	0	0	18	Cedar				10			7	
12	12	0	0	Herbaceous Openland								
583	575	5	3	Jack Pine	5						3	0
189	189	0	0	Low-Density Trees							0	0
45	10	0	35	Lowland Conifers				21	1		13	
4	1	0	3	Mixed Upland Deciduous							3	
51	48	0	4	Natural Mixed Pines							1	3
70	63	4	3	Oak	4		1				0	2
18	16	0	1	Planted Mixed Pines								1
301	170	116	15	Red Pine		116						15
15	0	0	15	Upland Conifers							15	
51	40	0	12	Upland Mixed Forest							10	2
11	0	0	11	Water							11	
3	3	0	0	White Pine							0	
1,384	1,133	126	126	Total Forested Acres	9	116	1	32	1		69	23
	82%	9%	9%	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	Available	2B: Unknown if access through adjacent landowner(s) is possible	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This stand is blocked to the east and west by low ground, to the south by a stream/steep slopes, and to the north by private land.							
2	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	2F: Too steep	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Dale Parris : Examiner

Compartment: 57
Year of Entry: 2026



3	Unavailable	3A: Conservation Values incompatible with harvest at this time	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Available	2B: Unknown if access through adjacent landowner(s) is possible	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is planned long term retention for the stand to the north.							
7	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	61	1C: Other dept or div proc/practices	Unspecified	Unspecified	Unspecified
Comments: Priority Trout Stream 100 m Buffer							
8	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This stand falls within the Miller Creek high quality trout stream buffer.							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Dale Parris : Examiner

Compartment: 57
Year of Entry: 2026



9	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This stand falls within the Miller Creek high quality trout stream buffer.							
10	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is proposed long term retention for stand 13 to the SE.							
11	Unavailable	5E: Long-Term Retention	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is long term retention for the stand harvested adjacent to the north.							
12	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is long term retention for the harvest to the south. Sale Name: Trails Jack Pine; Sale No.: 54-019-16-01.							
13	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is long term retention for the harvest to the east. Sale Name: Trails Jack Pine; Sale No.: 54-019-16-01.							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Dale Parris : Examiner

Compartment: 57
Year of Entry: 2026



17	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is long term retention for the proposed treatment on Stand 6 to the west.							
18	Available	2B: Unknown if access through adjacent landowner(s) is possible	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is potential long-term retention for the proposed harvest on the surrounding stand. This site condition is also protecting the creek within that emerges out of the ground and flows south to Sucker Lake. This creek is a MNFI designated as a cold-water stream.							
20	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This site condition is also protecting the creek within that emerges out of the ground and flows south to Sucker Lake. This creek is a MNFI designated as a cold-water stream.							
22	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	21	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Unavailable	2F: Too steep	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Dale Parris : Examiner

Compartment: 57
Year of Entry: 2026



24	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	50	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	67	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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.

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

Conservation Area	Type	Description
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
1	42220 - Natural Jack Pine	Poletimber Well	46.4	48		N/A	A treatment was proposed in March of 1976 for using anchor chains to break down jack pine slash to expose mineral soil to aid in jack pine regeneration. Coring a tree in the stand validates the anchor chain regeneration date. Planting card records indicate that interplanting of jack pine may have taken place in this stand in 1979/1980. There are sparse/scattered indications of row planted trees, but the majority of the stand looks to be naturally regenerated.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Black/Red (Hybrid) Oak		5	Pole/Sapling	6		Common Lowbush Blueberry		High	< 5 feet	Tall Shrub
Jack Pine		95	Pole	6	48	Sweet Fern		Medium	< 5 feet	Tall Shrub
2	42120 - Planted Jack Pine	Sapling Well	40.2	26		N/A	This stand was planted to Jack Pine in May of 1998. All trees were harvested in this stand in a sale closed out in June of 1997; Sale Name: Yellow Jacket Enduro; Sale Number 54-007-96-01			
Canopy Species		% Cover	Size Class	DBH	Age					
Black/Red (Hybrid) Oak		3	Sapling	3						
Jack Pine		95	Sapling	4	26					
Black/Red (Hybrid) Oak		2	Log	13						
3	31021 - Cool Season Grass	Nonstocked	1.1				Well Site			
4	42120 - Planted Jack Pine	Sapling Well	41.8	16	Immature	N/A	All trees were harvested from this stand with the exception of red pine and oak in a sale that closed in November of 2007; Sale Name: Pleasant Pine; Sale Number: 54-005-05-01. Scattered log size oak are present.			
Canopy Species		% Cover	Size Class	DBH	Age					
White Oak		2	Log	13						
Black/Red (Hybrid) Oak		11	Sapling	2						
White Oak		2	Sapling	2						
Black/Red (Hybrid) Oak		1	Log	13						
Jack Pine		84	Sapling	3	16					
5	42120 - Planted Jack Pine	Sapling Well	105.4	31	Unspecified	N/A	This stand was harvest with the exception of red pine and oak in a sale closed in July of 1992; Timber Sale Name: Red Ghost Block; Timber Sale Number: 54-055-91-01; This was a 277 acre overall cut that has been divided into multiple stands based on the amount of residual oak and red pine that remained. This stand was planted with jack pine following the 1992 harvest.			
Canopy Species		% Cover	Size Class	DBH	Age					
Black/Red (Hybrid) Oak		5	Log	12						
Jack Pine		94	Sapling	2	31					
Red Pine		1	Log	14						
6	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Medium	12.8	87	81-110	N/A	Some of the Jack pine in this stand is natural and some is planted. This stand was harvested with the exception of red pine and oak in a sale closed in July of 1992; Timber Sale Name: Red Ghost Block; Timber Sale Number: 54-055-91-01; This was a 277 acre overall cut that has been divided into multiple stands based on the amount of residual oak and red pine that remained. This stand was planted with jack pine following the 1992 harvest. A record for the planting of a half jack pine/half red pine mix of the west 23 acres of this quarter-quarter in 1937 was found in the Atlanta planting records card index.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Pine		70	Log	14	87	Jack Pine		High	Variable	Sapling
Northern Pin Oak		30	Log/Pole	11		Red Pine		Trace	Variable	Sapling
						Black/Red (Hybrid) Oak		Medium	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments					
7	42110 - Planted Red Pine	Sawtimber Well	52.3	84	81-110	N/A	2026 YOE Inventory BA Measurements: (100, 100, 130, 140, 90, 90, 190, 70, 90, 120, 90, 60, 50, 130, 130, 90, 80) The average diameter during the 2026 YOE Inventory varied by area but 13 inches was aboyt average and the age cored was 62 + 8 = 70. There is a 2.2 acre pocket of pole size jack pine south and central in the stand. All jack pine were harvested from this stand in a sale closed in January of 1988; Sale Name: Truck Trail Sale; Timber Sale Number: 54-049-86-01					
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size		
Jack Pine		5	Pole	7		Jack Pine		Low	Variable	Sapling		
Black/Red (Hybrid) Oak		5	Log/Pole	11		Black/Red (Hybrid) Oak		Medium	Variable	Sapling		
Red Pine		90	Log/Pole	13	84	Red Pine		Low	Variable	Sapling		
8	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	3.5	96	81-110	N/A	The SW corner of the stand contains a SW aspect slope down to lowlands surrounding Miller Creek. This stand falls within the Miller Creek high quality trout stream buffer.					
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size		
Balsam Fir		10	Pole/Sapling	5		Balsam Fir		High	Variable	Sapling		
White Oak		15	Log	14		White Oak		Low	< 5 feet	Sapling		
Black/Red (Hybrid) Oak		35	Log/Pole	12	96							
Quaking Aspen		20	Log	15								
Jack Pine		15	Log	13	83							
Red Maple		5	Pole/Log	9								
9	42120 - Planted Jack Pine	Poletimber Well	12.7	35	51-80	N/A	Stand History: A replanting of a 1989 jack pine planting was replanted in 1990. This stand was harvested as part of a sale that closed in July of 1987; Sale Name: Hay-Miller Block; Sale Number: 54-058-86-01					
Canopy Species		% Cover	Size Class	DBH	Age							
Northern Pin Oak		5	Sapling/Pole	4								
Jack Pine		95	Pole/Sapling	6	35							
10	310 - Herbaceous Openland	Nonstocked	3.1				Well Site	Adjacent building and etc have been removed.				
11	42120 - Planted Jack Pine	Sapling Well	14.9	30	Immature	N/A	This stand was harvest with the exception of red pine and oak in a sale closed in July of 1992; Timber Sale Name: Red Ghost Block; Timber Sale Number: 54-055-91-01; This was a 277 acre overall cut that has been divided into multiple stands based on the amount of residual oak and red pine that remained.					
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size		
Jack Pine		93	Sapling/Pole	4	30	Black/Red (Hybrid) Oak		Low	5 - 10 feet	Sapling		
Black/Red (Hybrid) Oak		5	Sapling	2								
Northern Pin Oak		2	Log	12								
12	42120 - Planted Jack Pine	Sapling Well	132.6	17	Immature	N/A	There is trenching evidence on the ground that this stand was trenched and planted.-All merchantable trees were harvested from the entirety of this stand, with the exception of oak and some green marked trees, in a sale that closed in August of 2007; seed tree; Sale Name: Compression Red; Sale Number: 54-002-06-01 -All jack pine were harvested from the NW 80 acres of this stand in a sale closed in January of 1988; Sale Name: Truck Trail Sale; Timber Sale Number: 54-049-86-01 -The SW and SE arms of this stand were harvested with the exception of red pine and oak in a sale closed in July of 1992; Timber Sale Name: Red Ghost Block; Timber Sale Number: 54-055-91-01; This was a 277 acre overall cut that has been divided into multiple stands based on the amount of residual oak and red pine that remained.					
Canopy Species		% Cover	Size Class	DBH	Age							
Red Pine		2	Sapling	2								
Red Pine		2	Log	12								
Black/Red (Hybrid) Oak		5	Log	13								
Jack Pine		81	Sapling	3	17							
Black/Red (Hybrid) Oak		10	Sapling	2								



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments				
13	42140 - Planted Mixed Pine	Sawtimber Well	17.5	82	51-80	N/A	There is sign of trenching and under planting of jack pine under the red pine leave trees. The subcanopy/subordinate jack pine in much of the stand is suppressed by the mature red pine. This stand was harvested with the exception of red pine and oak in a sale closed in July of 1992; Timber Sale Name: Red Ghost Block; Timber Sale Number: 54-055-91-01; This was a 277 acre overall cut that has been divided into multiple stands based on the amount of residual oak and red pine that remained. This stand was planted with jack pine following the 1992 harvest.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Black/Red (Hybrid) Oak		5	Pole	6		Red Pine		Low	Variable	Sapling	
Jack Pine		45	Pole/Sapling	5	30	Black/Red (Hybrid) Oak		High	Variable	Sapling	
Red Pine		50	Log	13	82						
14	42250 - Pine, Oak	Sawtimber Well	6.9	78	51-80	N/A	The diameter of Jack Pine is variable throughout the stand. A planting record for the jack pine could not be found during the 2026 YOE Inventory. The jack pine appears to be naturally regenerated.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Black/Red (Hybrid) Oak		39	Pole	6		Black/Red (Hybrid) Oak		Medium	Variable	Sapling	
Jack Pine		60	Log	10	78	Jack Pine		Trace	Variable	Sapling	
White Pine		1	Log/Pole	10		Red Pine		Trace	Variable	Sapling	
						White Pine		Trace	Variable	Sapling	
15	310 - Herbaceous Openland	Nonstocked	1.0				Well Site				
16	4122 - Oak, Pine	Sapling Medium	41.0	6	Immature	N/A	The hybrid oak are mostly from stump sprouts. The jack pine are slowly seeding in, year by year, between the oak. There is a trace amount of red pine that has seeded in. Based on the acceptable regeneration agreed upon through the 2016 YOE Compartment Review process, the regeneration was determined to be successful during the 2026 YOE Inventory. The harvest of this stand was completed on 4/1/18. Sale Name: Trails Jack Pine; Sale No.: 54-019-16-01. Lots of oak regen was present after the final harvest.				
Canopy Species		% Cover	Size Class	DBH	Age						
Black/Red (Hybrid) Oak		70	Sapling	1	6						
Jack Pine		30	Sapling	1	6						
17	330 - Low-Density Trees	Nonstocked	53.9	0	Immature	4211 - Planted Red Pine	-A partial walk through was completed for the 2026 YOE Inventory in December of 2023. All looked well in the portion visited. -PUER 8/11/2022 Comments: Very successful herbicide application. Regeneration survey shows ~ 880 trees/ac and 98% FTG. Before Application: Oak 75%, JP 20%, and Cherry 5% Post Application: 95%, 100%, and 95% control respectively. -A year 1 regeneration survey was completed on 9/20/2022 finding 899 TPA with 98% FTG -Initial planting completed on 5/9/2022 at 886 TPA -A herbicide treatment was completed on 7/21/21.				
Sub-Canopy Species		Density	Avg. Height	Size							
Jack Pine		Trace	< 5 feet	Sapling							
Red Pine		Full	< 5 feet	Sapling							
Black/Red (Hybrid) Oak		Trace	< 5 feet	Sapling							
18	42120 - Planted Jack Pine	Poletimber Well	12.5	47	51-80	N/A	Faild part of plantation? 7 yrs younger than adjacent stand.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Red Pine		10	Log/Pole	11		Black/Red (Hybrid) Oak		Low	Variable	Sapling	
Jack Pine		85	Pole/Sapling	5	47	Red Pine		Trace	Variable	Sapling	
Black/Red (Hybrid) Oak		5	Pole/Sapling	5							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
19	4310 - Pine, Oak Mix	Sawtimber Well	2.5	84	51-80	N/A	The SW corner of the stand contains a SW aspect slope down to lowlands surrounding Miller Creek. This stand falls within the Miller Creek high quality trout stream buffer.																																										
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20	42120 - Planted Jack Pine	Sapling Well	80.5	30	1-50	N/A	A jack pine was cut off at its base during the 2026 YOE Inventory for determining the jack pine age. The red pine density is variable throughout the stand and can be seen in the leaf off color infrared imagery. This stand was harvest with the exception of red pine and oak in a sale closed in July of 1992; Timber Sale Name: Red Ghost Block; Timber Sale Number: 54-055-91-01; This was a 277 acre overall cut that has been divided into multiple stands based on the amount of residual oak and red pine that remained.																																										
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21	31021 - Cool Season Grass	Nonstocked	0.9				Well pad																																										
22	42120 - Planted Jack Pine	Poletimber Well	78.2	48	51-80	N/A	Remnant red pine retained during the last harvest are present amongst the planted jack pine in varying densities throughout. The leaf off CIR imagery shows the red pine well. Check the cored age against the planted age. Ages of 51 and 44 were taken in January of 2024. There is a 2.6 acre pocket of 12-16 inch red pine in the NW corner of the stand that could be managed with the stand to the north. 50 percent log RP and 50 percent pole JP are present in this pocket with low oak regeneration in the understory.																																										
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23	4311 - Pine, Aspen Mix	Poletimber Well	4.9	48	81-110	N/A	This is an aspen clone result from the adjacent harvest to the west. A 7-inch DBH quaking aspen age of 48 years was taken in January of 2024.																																										
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24	42110 - Planted Red Pine	Sawtimber Well	35.6	87	81-110	N/A	2026 YOE Inventory BA Measurements: (70, 220, 90, 110). Planting records indicate that this stand was planted to half red pine/half jack pine in 1937. A 13 inch DBH red pine aged during the 2026 YOE Inventory was 3 years less than the planting age; more or less verifying the planting age. The southeast portion of the stand is dominate to jack pine.																																										
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25	330 - Low-Density Trees	Nonstocked	1.0			No	A gas/oil apparatus was not present in January of 2024 during the 2026 YOE Inventory. This may have been an old well site. This stand is filling in with jack pine over time and could be merged and managed with the stand to east.																																														
26	4310 - Pine, Oak Mix	Sawtimber Well	7.5	84	81-110	N/A	The portion of Brush Creek adjacent to the north edge of this stand is a high priority trout stream. All but a small portion of this stand is within 300 ft of the stream.																																														
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27	42110 - Planted Red Pine	Sawtimber Well	110.6	87	171-200	N/A	Planting records indicate that this stand was planted to half red pine/half jack pine in 1935 and then interplanted again with the same mix in 1937. A 13 inch DBH red pine aged during the 2026 YOE Inventory was 5 years less than the 1937 planting age; more or less verifying the planting age. The amount of oak regeneration in the understory is high in the east half of the stand, low to the NW, and medium to the SW. -East quarter section 2026 YOE Inventory BA Measurements: (200, 90, 190, 230, 180, 190, 200) with about 20 to 25 percent live crown ratio. -SW Stand 27, 2026 YOE Inventory BA Measurements: (90, 100, 120, 200, 50, 190, 120) -NW Stand 27, 2026 YOE Inventory BA Measurements: (80, 90, 160, 120, 120, 90) -All merchantable trees with the exception of red pine were harvested from this stand in a sale that closed in May of 1991; Sale Name: Pine Oaks Thinning; Sale Number: 54-056-88-01. The south leg and most of the NW island of this sale were not included in the thinning.																																														
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28	4310 - Pine, Oak Mix	Poletimber Medium	5.1	42	51-80	N/A	This stand has mixed pockets of oak and jack pine dominance. Remnant red pine retained during the last harvest are present in varying densities throughout.																																														
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29	42111 - Planted Red Pine, Mixed Deciduous	Poletimber Well	3.8	26	51-80	N/A	This stand was harvested as part of a sale that was closed out in May of 1995; Timber Sale Name: Flamin' Jeep; Timber Sale Number: 54-054-94 A follow up sale was completed on this stand in July of 1995; Timber Sale Name: Used Flamin' Jeep; Timber Sale Number: 54-025095-01																																														
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30	42210 - Natural Red Pine	Sawtimber Well	8.1	71	81-110	N/A	2026 YOE Inventory BA Measurements: (90, 130, 130, 80) This stand is likely a mix of the red pine stock planted in 1937 and naturally regenerated red pine. All merchantable trees with the exception of red pine were harvested from this stand in a sale that closed in May of 1991; Sale Name: Pine Oaks Thinning; Sale Number: 54-056-88-01.																																						
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31	310 - Herbaceous Openland	Nonstocked	1.0			No	A gas/oil well apparatus was not present in January of 2024 during the 2026 YOE Inventory.																																						
32	42110 - Planted Red Pine	Sawtimber Well	69.5	87	81-110	N/A	This stand is under stocked with red pine. 2026 YOE Inventory BA Measurements: (50, 60, 100, 40, 90, 90, 60, 170, 80, 20, 120, 80, 90, 90, 120) Index card planting records indicate that this stand was planted to half red pine/half jack pine in 1937. A small 1+ acre inclusion pocket is present along the north edge of Pleasant Valley Road/south of Stand 36. Manage this inclusion pocket with the larger stand, possibly including a portion of the pocket in future retention. All trees were harvested from this stand with the exception of red pine and oak in a sale that closed in October of 1997; Timber Sale Name: Broken Binding II; Timber Sale Number: 54-014-96-01. The northern 5 acres or so of this stand were not part of this harvest. Previous species removal harvest. Aspen clones regenerating in pockets where over story was removed. Density of remaining trees varies significantly.																																						
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33	4125 - Black, N. Pin Oak	Sapling Well	6.6	17	1-50	N/A	This stand was harvested, with the exception of red pine, in a sale that was closed in November of 2007; Sale Name: Connector 5 Revisited; Sale Number: 54-003-06-01																																						
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34	42250 - Pine, Oak	Sapling Well	5.8	27	1-50	N/A	All trees were harvested with the exception of red pine and white pine in these 3 squares as part of a sale that was closed out in May of 1997; Sale Name: Connector Five Spot; Sale Number: 54-026-96.																																						
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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35	4130 - Aspen	Poletimber Well	6.8	37	81-110	N/A	This stand was harvested as part of a sale that was closed in December of 1986; Sale Name: Brush Creek; Sale Number: 54-019-86-01				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Balsam Fir		5	Pole/Sapling	6		Balsam Fir		Low	Variable	Sapling	
Northern Pin Oak		5	Pole/Sapling	6		Red Maple		Low	>20 feet	Sapling	
Quaking Aspen		10	Pole	7	37						
Bigtooth Aspen		80	Pole	7	37						

36	790 - Other Bare/Sparsely Vegetated	Nonstocked	2.9			No	Frost pocket.
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37	6120 - Lowland Cedar	Sawtimber Well	17.9	110	Unspecified	N/A	There is wet, saturated, unstable soil throughout. Access is limited. There is no access through state land other than by foot. There are some drainages and areas of standing water. Cedar presence is fairly consistent throughout but sparse or absent in some areas.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
White Spruce		3	Pole/Log	8		Tag Alder		Medium	5 - 10 feet	Tall Shrub	
Northern White Cedar		60	Log/Pole	10	110	Balsam Fir		Medium	Variable	Sapling	
Black Spruce		11	Log/Pole	10							
Balsam Fir		5	Pole/Sapling	6							
Red Maple		8	Pole/Log	8							
Quaking Aspen		13	Log/Pole	11							

38	310 - Herbaceous Openland	Nonstocked	1.1				Well Site
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39	42390 - Mixed Non-Pine Upland Conifers	Sawtimber Well	14.9	65	81-110	N/A	There are steep slopes down to the river in much of the eastern portion of this stand. The portion of Brush Creek adjacent to the north edge of this stand is a high priority trout stream. The data for this stand was taken from the interior of the western portion of this stand and a south edge call for the eastern two-thirds of the stand.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Red Maple		10	Log/Pole	12		Balsam Fir		Full	Variable	Sapling	
White Pine		5	XLog/Log	18							
Northern White Cedar		30	Log	13	108						
White Spruce		1	Pole/Log	8							
Balsam Fir		46	Sapling/Pole	4	65						
Paper Birch		2	Pole	8							
Quaking Aspen		5	Log	14							
Red Pine		1	XLog/Log	18							

40	4310 - Pine, Oak Mix	Poletimber Well	29.4	89	81-110	N/A	The Jack pine are dying out of the stand. There is a half-acre inclusion pocket of log size aspen and a 1.4-acre inclusion pocket of log size white pine to the NE, north of the county road.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Jack Pine		40	Pole/Log	9	89	Red Pine		Trace	Variable	Sapling	
Red Pine		5	Pole/Log	8		Jack Pine		Trace	Variable	Sapling	
Northern Pin Oak		50	Log/Pole	10	89	Black/Red (Hybrid) Oak		Medium	Variable	Sapling	
Bigtooth Aspen		2	Pole	8		White Pine		Trace	Variable	Sapling	
Balsam Fir		3	Sapling/Pole	4							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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41	500 - Water	Nonstocked	11.1			No	This is Brush Creek and the lowland shrub corridor surrounding it.
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42	4122 - Oak, Pine	Sapling Medium	10.7	17	1-50	N/A	There is a 0.4-acre mature jack pine pocket in the central region of the SW most island of the stand. This stand was harvested in a sale that was closed in November of 2007; Sale Name: Connector 5 Revisited; Sale Number: 54-003-06-01
Canopy Species		% Cover	Size Class	DBH	Age		
White Pine		5	Log/Pole	12			
Jack Pine		35	Sapling	3	17		
Black/Red (Hybrid) Oak		60	Sapling	3	17		

43	6123 - Lowland Fir	Poletimber Medium	30.4	52	Unspecified	N/A	One narrow 2-3 foot wide stream flows N to S through the stand. There is saturated, unstable ground throughout. The cedar is in pockets. Most of the stand has a tag alder understory component. The overstory composition is ever changing throughout.
Canopy Species		% Cover	Size Class	DBH	Age		
Quaking Aspen		5	Log	15			
Black Spruce		5	Log/Pole	10			
Northern White Cedar		20	Log/Pole	12	110		
White Pine		3	Log/XLog	16			
White Spruce		10	Log/Pole	12			
Balsam Fir		50	Pole/Sapling	6	52		
Balsam Poplar		2	Log/Pole	10			
Red Maple		5	Log/Pole	12			
Sub-Canopy Species		Density	Avg. Height	Size			
Tag Alder		Medium	5 - 10 feet	Tall Shrub			
Balsam Fir		High	Variable	Sapling			

44	42250 - Pine, Oak	Sapling Well	11.5	27	1-50	N/A	There is a 0.3-acre mature jack pine/oak pocket in the south end of the SE most portion of the stand. All trees were harvested with the exception of red pine and white pine in these 6 squares as part of a sale that was closed out in May of 1997; Sale Name: Connector Five Spot; Sale Number: 54-026-96.
Canopy Species		% Cover	Size Class	DBH	Age		
Jack Pine		60	Sapling	4	27		
Northern Pin Oak		35	Sapling	4			
White Pine		5	Log/Pole	12			
Sub-Canopy Species		Density	Avg. Height	Size			
Black/Red (Hybrid) Oak		Low	Variable	Sapling			

45	4125 - Black, N. Pin Oak	Sawtimber Well	4.8	95	81-110	N/A	There is a possible structure trespass in the northeast corner of the stand. Steep slope is present south and central. The oak is of very poor quality.
Canopy Species		% Cover	Size Class	DBH	Age		
White Pine		5	Log/Pole	12			
Jack Pine		20	Log/Pole	11			
Northern Pin Oak		75	Log/Pole	11	95		
Sub-Canopy Species		Density	Avg. Height	Size			
White Pine		Low	Variable	Sapling			
Black/Red (Hybrid) Oak		Medium	Variable	Sapling			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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46	42220 - Natural Jack Pine	Sawtimber Well	5.0	71	111-140	N/A	This is higher quality jack pine that is starting to age out and fall out of the stand. Jack pine dominates the eastern 2/3 of the stand. White pine dominates the south and west edges. Balsam fir dominates the east peninsula.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Quaking Aspen		3	Log	13		White Pine		
Northern Pin Oak		5	Pole	7		Black/Red (Hybrid) Oak		
Jack Pine		60	Pole/Log	9	71	Balsam Fir		
Balsam Fir		2	Pole/Sapling	6				
Black/Red (Hybrid) Oak		1	Log/Pole	12				
Red Pine		5	Log/Pole	12				
White Oak		1	Log	13				
White Pine		23	Log	10				

47	42220 - Natural Jack Pine	Sapling Medium	8.1	16	Immature	N/A	This appears to be naturally regenerated jack pine. The last harvest record was not found. There is a 0.9-acre mature oak/jack pine pocket in the SW corner of the stand.	
Canopy Species		% Cover	Size Class	DBH	Age			
White Pine		1	Log	14				
Jack Pine		85	Sapling	2	16			
Black/Red (Hybrid) Oak		14	Sapling	2				

48	330 - Low-Density Trees	Nonstocked	54.7	0	Immature	4211 - Planted Red Pine	This stand was inventoried in January of 2024 with snow on the ground. Most of the pine was below the 1-foot snow height and could not be seen. Oak was the only competition to the planted red pine and was sparse due to the past herbicide application. -PUER 8/11/2022 Comments: Very successful herbicide application. Regeneration survey shows ~ 880 trees/ac and 98% FTG. Before Application: Oak 75%, JP 20%, and Cherry 5% Post Application: 95%, 100%, and 95% control respectively. -A year 1 regeneration survey was completed on 9/19/2022 finding 853 TPA with 97% FTG -Initial planting completed on 4/29/2022 at 904 TPA -A herbicide treatment was completed on 7/21/21.
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49	42250 - Pine, Oak	Poletimber Well	3.0	65	81-110	N/A	This is long term retention for the harvest to the south. Sale Name: Trails Jack Pine; Sale No.: 54-019-16-01.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Black/Red (Hybrid) Oak		40	Pole/Log	9		White Pine		
Jack Pine		60	Pole/Log	9	65	Black/Red (Hybrid) Oak		
						Jack Pine		
						Red Pine		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
50	330 - Low-Density Trees	Nonstocked	33.1	0	Unspecified	4211 - Planted Red Pine	-January 2024 Inventory Comments: The survival rate appears good. The red pine are about 1 foot tall on average and appear to be free to grow. -PUER 8/11/2022 Comments: Very successful herbicide application. Regeneration survey shows ~ 880 trees/ac and 98% FTG. Before Application: Oak 75%, JP 20%, and Cherry 5% Post Application: 95%, 100%, and 95% control respectively. -A year 1 regeneration survey was completed on 9/19/2022 finding 871 TPA with 99% FTG Initial planting completed on 5/10/2022 at 900 TPA -A herbicide treatment was completed on 7/21/21.																																																						
51	330 - Low-Density Trees	Nonstocked	46.3	0		4211 - Planted Red Pine	This stand was inventoried in January of 2024 with snow on the ground. The majority of the pine was below the 1-foot snow height and could not be seen. Oak was the only competition to the planted red pine and was sparse due to the past herbicide application.-PUER 8/11/2022 Comments: Very successful herbicide application. Regeneration survey shows ~ 880 trees/ac and 98% FTG. Before Application: Oak 75%, JP 20%, and Cherry 5% Post Application: 95%, 100%, and 95% control respectively.-A year 1 regeneration survey was completed on 9/19/2022 finding 905 TPA with 97% FTG-Initial planting completed on 4/30/2022 at 905 TPA-A herbicide treatment was completed on 7/21/21.																																																						
52	42250 - Pine, Oak	Sapling Medium	24.0	7	Immature	N/A	The harvest of this stand was completed on 5/17/2017. Sale Name: Trails Jack Pine; Sale No.: 54-019-16-01. Full tree skidding took place during the harvest. The result was well stocked consistent jack pine regeneration.																																																						
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53	4310 - Pine, Oak Mix	Sawtimber Well	1.6	89	51-80	N/A	A majority of this stand is long term retention for the harvest to the east. Sale Name: Trails Jack Pine; Sale No.: 54-019-16-01.																																																						
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54	310 - Herbaceous Openland	Nonstocked	0.7	0			Well Site																																																						
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
56	4122 - Oak, Pine	Sawtimber Well	2.1	89	81-110	N/A	A majority of this stand is long term retention for the harvest to the east. Sale Name: Trails Jack Pine; Sale No.: 54-019-16-01.																																													
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60	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Medium	8.2	87	81-110	N/A	This is long term retention for the stand harvested adjacent to the north. Planting records indicate that 30 acres of this quarter-quarter was planted to half red pine/half jack pine in 1937. A 16-inch diameter tree aged out to 5 years younger than the planting age during the 2026 YOE inventory.																																													
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61	4130 - Aspen	Poletimber Well	3.6	56	81-110	N/A	Much of this stand is on a fairly steep northern aspect slope. There is a 1 acre inclusion pocket of younger pole size aspen at the west end of the stand (32 years in January 2024). A white pine inclusion pocket is central to the stand and can be seen in leaf off imagery. According to FTP records, much of this stand may have had all aspen, oak, red maple, and white birch harvested in 1974 as a feeding area for what was considered a deer yard to the north.																																													
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62	42200 - Natural White Pine	Sawtimber Well	3.4	77	81-110	N/A	Portions of 2 different 5-spot cuts were combined into 1 stand as appropriate by tree species composition. The majority of this stand was harvested with Stand 33 but came back to a different covertype. This stand was harvested, with the exception of red pine, in a sale that was closed in November of 2007; Sale Name: Connector 5 Revisited; Sale Number: 54-003-06-01																																													
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64	4125 - Black, N. Pin Oak	Poletimber Well	2.3	37	1-50	N/A	The records show that this was planted to jack pine with the stand to the north, but not much jack pine made it or this portion of the stand was not planted. This stand was harvested as part of a sale that closed in July of 1987; Sale Name: Hay-Miller Block; Sale Number: 54-058-86-01	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Jack Pine		20	Pole/Sapling	6	37	Black/Red (Hybrid) Oak		
White Oak		5	Sapling/Pole	4	37	Low		
Black/Red (Hybrid) Oak		75	Pole/Sapling	6	37	Variable		
						Sapling		
65	42220 - Natural Jack Pine	Poletimber Well	5.0	52	51-80	N/A	According to FTP records, a small 4-acre non-commercial clear-cut was completed on this stand in 1972.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
White Pine		15	Log	15		Balsam Fir		
Jack Pine		65	Pole	7	52	Medium		
Quaking Aspen		10	Pole	6		Variable		
Balsam Fir		10	Pole/Sapling	5		Sapling		
						Black/Red (Hybrid) Oak		
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						Variable		
						Sapling		
66	4122 - Oak, Pine	Sapling Well	2.1	27	Immature	N/A	This is a younger pocket of timber marked out for management purposes.	
Canopy Species		% Cover	Size Class	DBH	Age			
Northern Pin Oak		60	Sapling	3	27			
Jack Pine		40	Sapling/Pole	4	27			
67	6123 - Lowland Fir	Poletimber Well	14.6	66	81-110	N/A	A creek emerges out of the ground in this stand. Older log to pole size jack pine are present in the southeast arm of the stand.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Northern White Cedar		10	Log	16		Balsam Fir		
Balsam Fir		65	Pole	8	66	Medium		
Jack Pine		5	Log/Pole	10		Variable		
White Spruce		5	Log/Pole	11		Sapling		
Red Maple		5	Log/Pole	12				
Paper Birch		10	Pole/Log	8				