

# Compartment Review Presentation

Gladwin Forest Management Unit

Compartment 73046

Entry Year: 2027

Acreage: 5,735

County: Gladwin

Management Area: Gladwin Lake Plain

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**Stand Examiner:** Steve Nyhoff

## **Legal Description:**

T19N-R1E Sections 12 and 13;  
T19N-R2E Sections 2, 3, 7 thru 10, and 14 thru 18.

## **Identified Planning Goals:**

The general compartment area has been managed for early successional aspen and jack pine cover types over the past forty plus years. Continue to manage the compartment for the current cover types where possible. In areas of regeneration failures consider the flat planting of conifers. Much of the compartment has a high-water table, so trenching and planting will not be the best choice. In the stands that are inoperable due to wetness, allow them to convert to later successional types. This will over time increase the amount of swamp hardwoods, white pine, and tamarack within the compartment thus contributing to additional biodiversity.

## **Soil and topography:**

The soils within this compartment are variable. They range from well drained Rosseau fine sands to moderately drained Croswell-AuGres-Roscommon sands to poorly drained Roscommon-Defors sands. These soil associations have a large variety of inclusions from dry, sandy soils to mucky soils. This leads to a terrain that is dominated by hummocky ground as well as areas with ridge and swale topography. Most of the stands have a mix of upland and lowland soils. The Molasses River serves as the compartment's eastern border and the flood plain is dominated by Evert-Winterfield soil complex. The Molasses River has steep slopes bordering the river. The slopes contain numerous seeps.

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

The compartment is approximately eight- and one-half contiguous sections of State Forest land. About three quarters of the compartment is surrounded by State Forest. Sections 7, 12, and 13 are surrounded by private parcels. Most of them are 40 plus acres. They are used for farming and recreation. The private land at the southwestern corner has some small tracks.

## **Unique Natural Features:**

The Michigan Natural Features Inventory identifies the occurrence of Red-shouldered hawk (*Buteo lineatus*), within the compartment.

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

No known occurrences are identified within the Michigan History Center Archaeological database.

## **Special Management Designations or Considerations:**

None, however, the compartment lies just south of compartment 41 which is the Lame Duck Foot Access Area and the Gladwin Management Unit's GEM.

## **Watershed and Fisheries Considerations:**

The Compartment's eastern border is the Molasses River; a warm water stream which is a tributary of the Tittabawassee River.

## **Wildlife Habitat Considerations:**

Both upland and lowland systems are present, making it suitable for several wildlife species. Most stands are lowland cover types. Furbearers including beaver, mink, muskrat, black bear, bobcat, and coyote use the lowlands as corridors as well as year-round habitat. Game species likely to be present in this compartment include black bear, bobcat, raccoon, coyote, wood duck, wild turkey, ruffed grouse and white-tailed deer. Many bird species stand to benefit from the juxtaposition of lowland and upland habitats present in the compartment. These species include gray catbird, red-eyed vireo, white-breasted nuthatch, tufted titmouse, black-capped chickadees, eastern kingbirds and northern flicker. The compartment is easily accessible to hunters via Wildwood Road and Secord Dam Road.

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

No active sand/gravel operations are known to exist in the area, and potential for development of sand & gravel within the compartment may be limited due to the presence of a shallow water table and wetlands, which could inhibit surface mining. Historically, some minor oil production occurred just west of the compartment, but there has been no recent production or

any recent well permit activity in the area in several decades. The nearest oil & gas leasing activity involving State-owned mineral rights is one mile away. Potential for future oil & gas production within the compartment is considered low at this time. No known potential exists for commercial production of metallic minerals in this part of the state.

#### **Vehicle Access:**

The main access is via 3 county roads. Sterling Truck Trail along the north edge, Wildwood in the west end, and Secord Dam Road along the south edge. The access to the interior is via several existing two-tracks. Most of the two tracks are closed to ORVs.

#### **Survey Needs:**

Much of the state land is surrounded by state ownership. The private land has been heavily surveyed. No survey is needed currently.

#### **Recreational Facilities and Opportunities:**

Michigan Cross Country Cycle Trail occurs on Sterling Truck Trail on the north boundary. The area is extensively used for dispersed camping. This mainly occurs during the firearm deer hunting season. The area is also used by disperse campers in the spring and summer but to a much lower degree. These often include equestrian users.

#### **Fire Protection:**

Three county roads provide access for fire suppression equipment from the compartment's north via Sterling Truck Trail and south via Secord Dam Road and through the interior of its west half via Wildwood Road. Much of the compartment is transected by lowland forests and brush, which could hinder suppression activities. However, the same terrain will impede rapid rates of fire spread. Access from the east is impossible due to the Molasses River boundary.

#### **Additional Compartment Information:**

Emeral Ash Borer (EAB) has removed almost all the ash. This has caused some conversion from well forested swamp hardwood stands to poorly stocked or even non-forested. There are areas of ash regeneration. However, the advanced regeneration is still being hit by EAB when it reaches 2 to 3 inches in diameter.

#### **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**

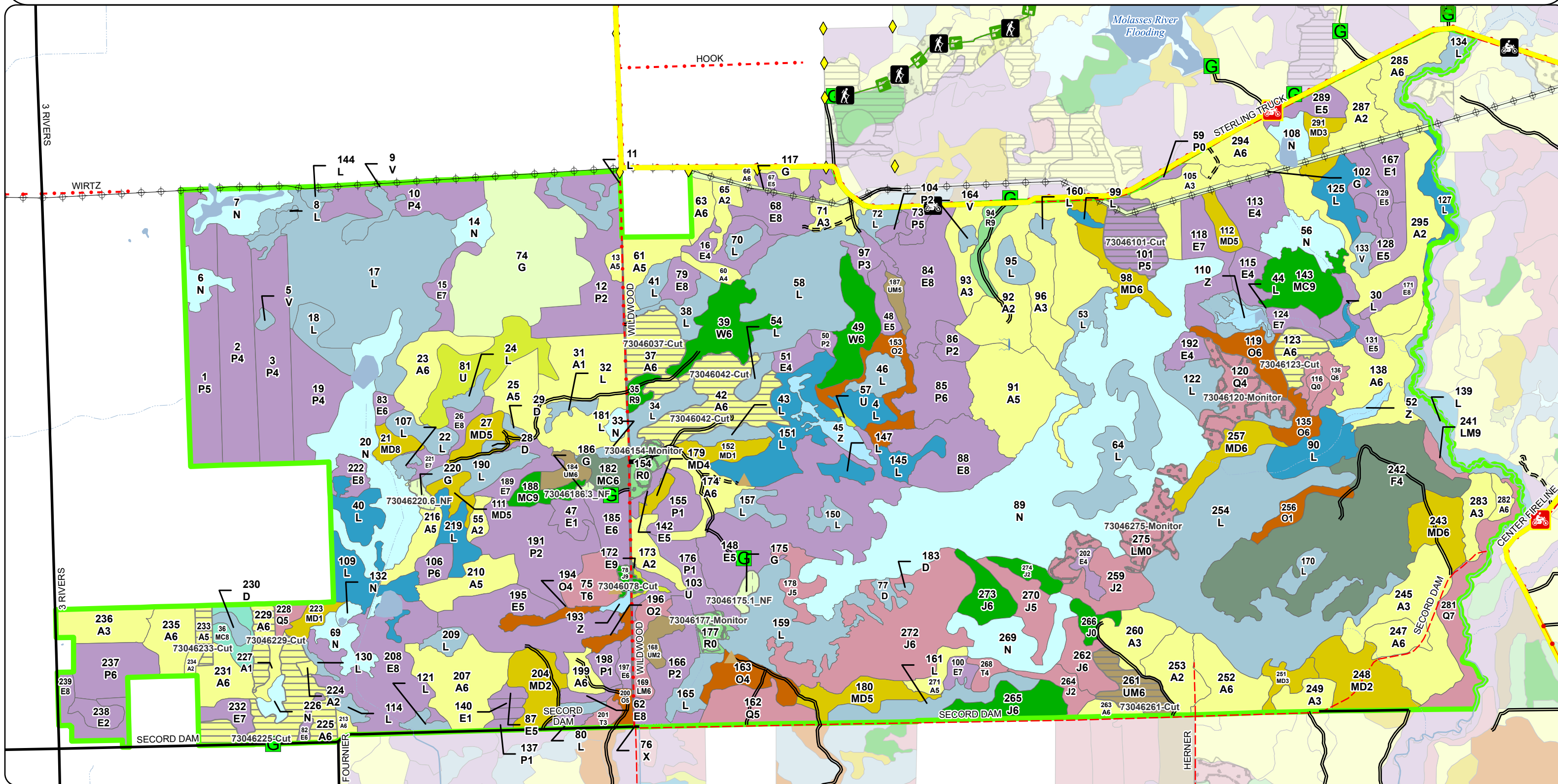
# Cover Type & Treatments Map

Compartment: 73046  
T19N R 01E 12,13  
County: Gladwin  
Unit: Gladwin  
Mgmt. Area: Gladwin Lake Plain  
YOE: 2027  
Acres: 5,735 GIS Calculated  
Examiner: Steve Nyhoff  
Date Exported: 09/26/2025  
Map Phase: Post Review



0 0.5 1 Miles

- |                                  |                                       |                           |                              |                                 |                                  |
|----------------------------------|---------------------------------------|---------------------------|------------------------------|---------------------------------|----------------------------------|
| Survey Grade Corners             | DNR - Forest Access Route             | Counties                  | Compartment Boundary         | 421 - Planted Pines             | 613 - Lowland Mixed Forest       |
| Berms                            | Federal / State / County - Paved Road | Clearcut                  | 422 - Natural Pines          | 122 - Road/Parking Lot          | 310 - Herbaceous Openland        |
| Gate                             | County - Gravel Road                  | Openings Mgmt.            | 423 - Other Upland Conifers  | 330 - Low Density Trees         | 622 - Lowland Shrub              |
| Culvert                          | County - Dirt Road (Seasonal)         | Monitoring - Regeneration | 429 - Mixed Upland Conifers  | 500 - Water                     | 623 - Emergent Wetland           |
| Designated Hunter Walking Trails | Intermittent Stream                   | 412 - Oak Types           | 430 - Upland Mixed Forest    | 611 - Lowland Deciduous Forest  | 629 - Mixed non-forested Wetland |
| Designated MCCCT Trails          | Perennial River                       | 413 - Aspen               | 419 - Mixed Upland Deciduous | 612 - Lowland Coniferous Forest |                                  |
| DNR - Secondary Forest Road      | Powerline                             |                           |                              |                                 |                                  |
|                                  | Lakes and Rivers                      |                           |                              |                                 |                                  |





# Stand Boundary Map

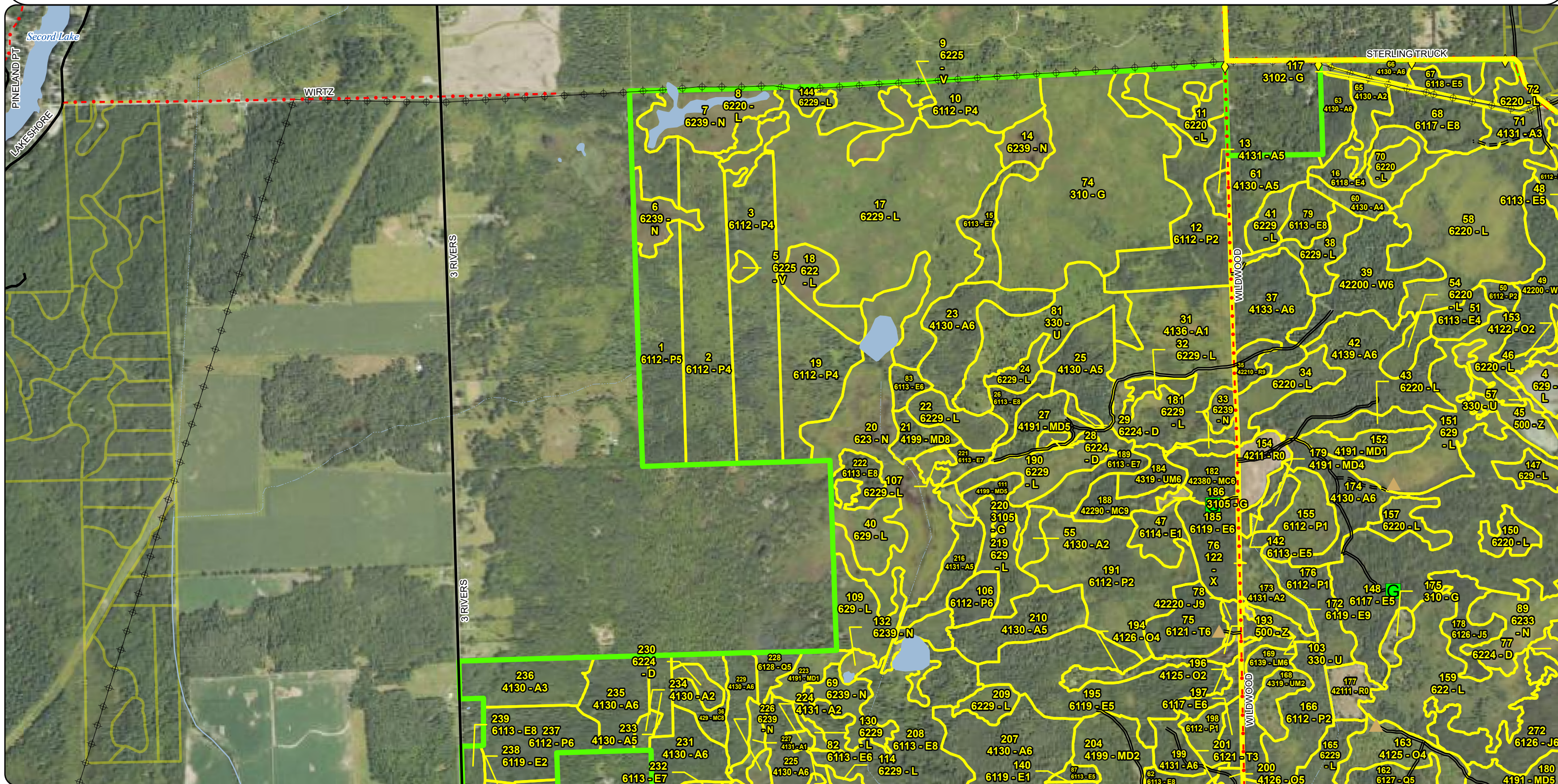
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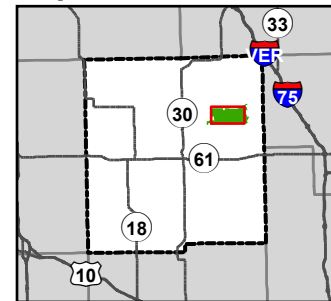
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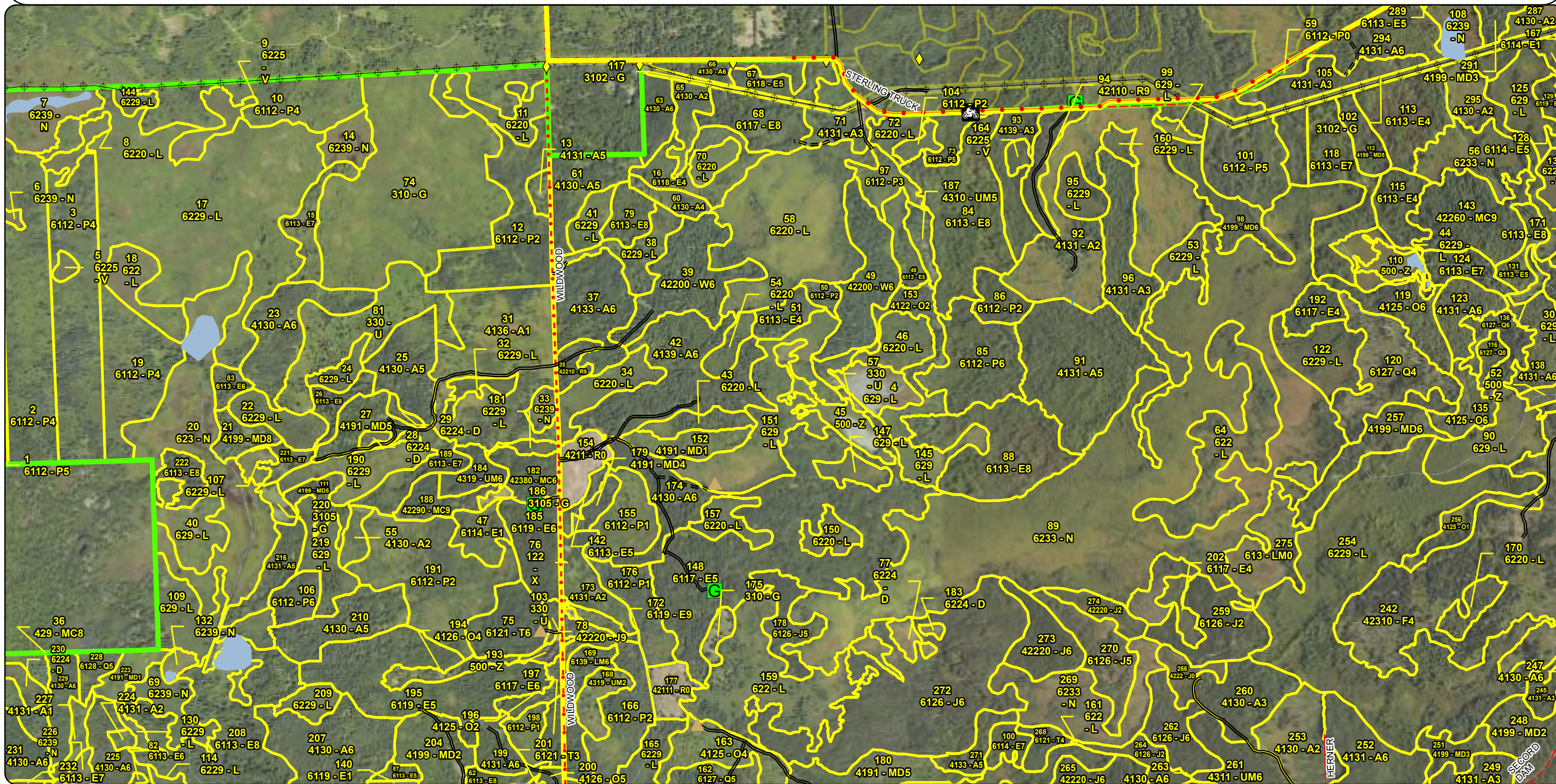


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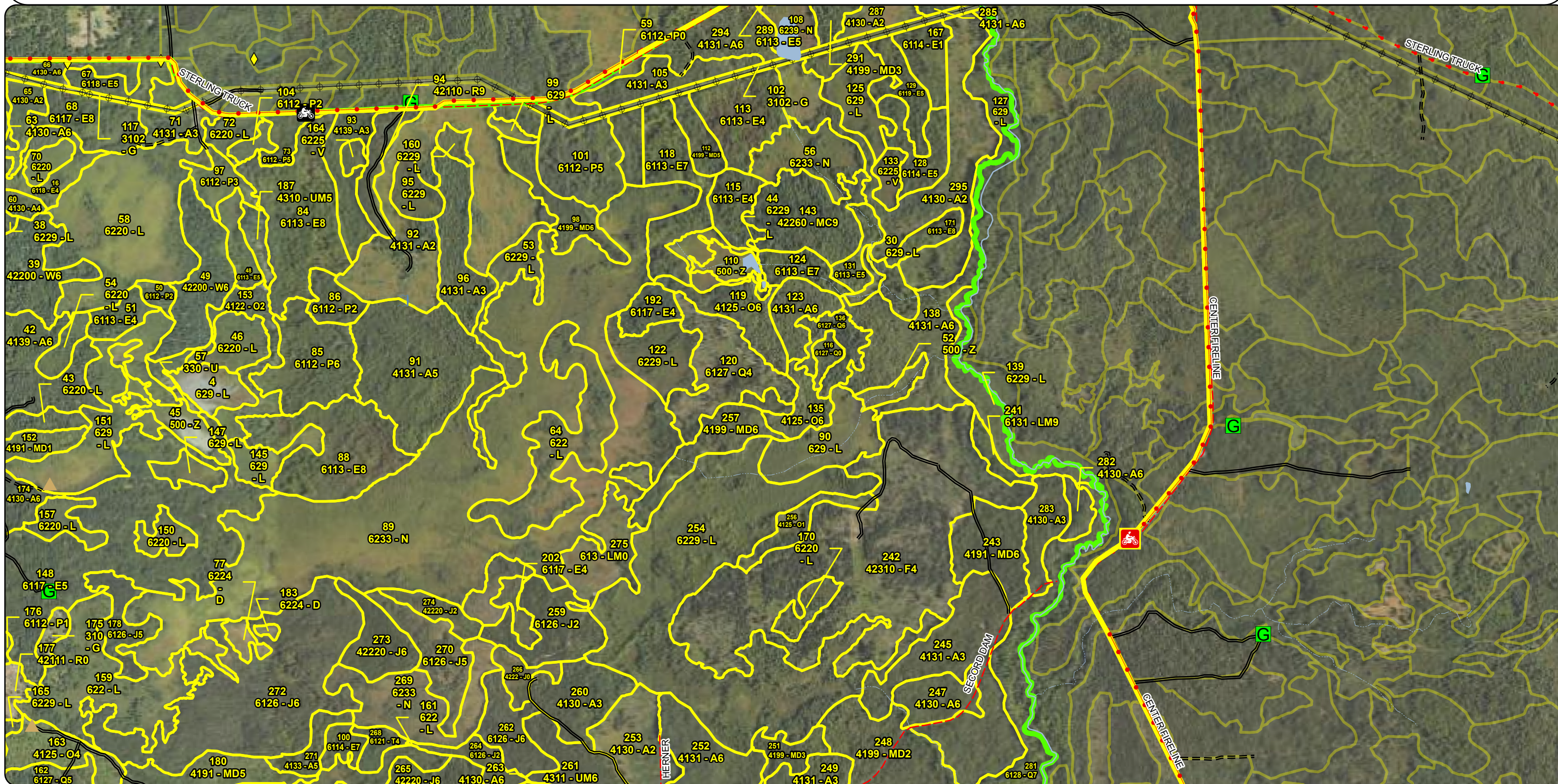
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# Special Conservation Areas & Site Conditions Map

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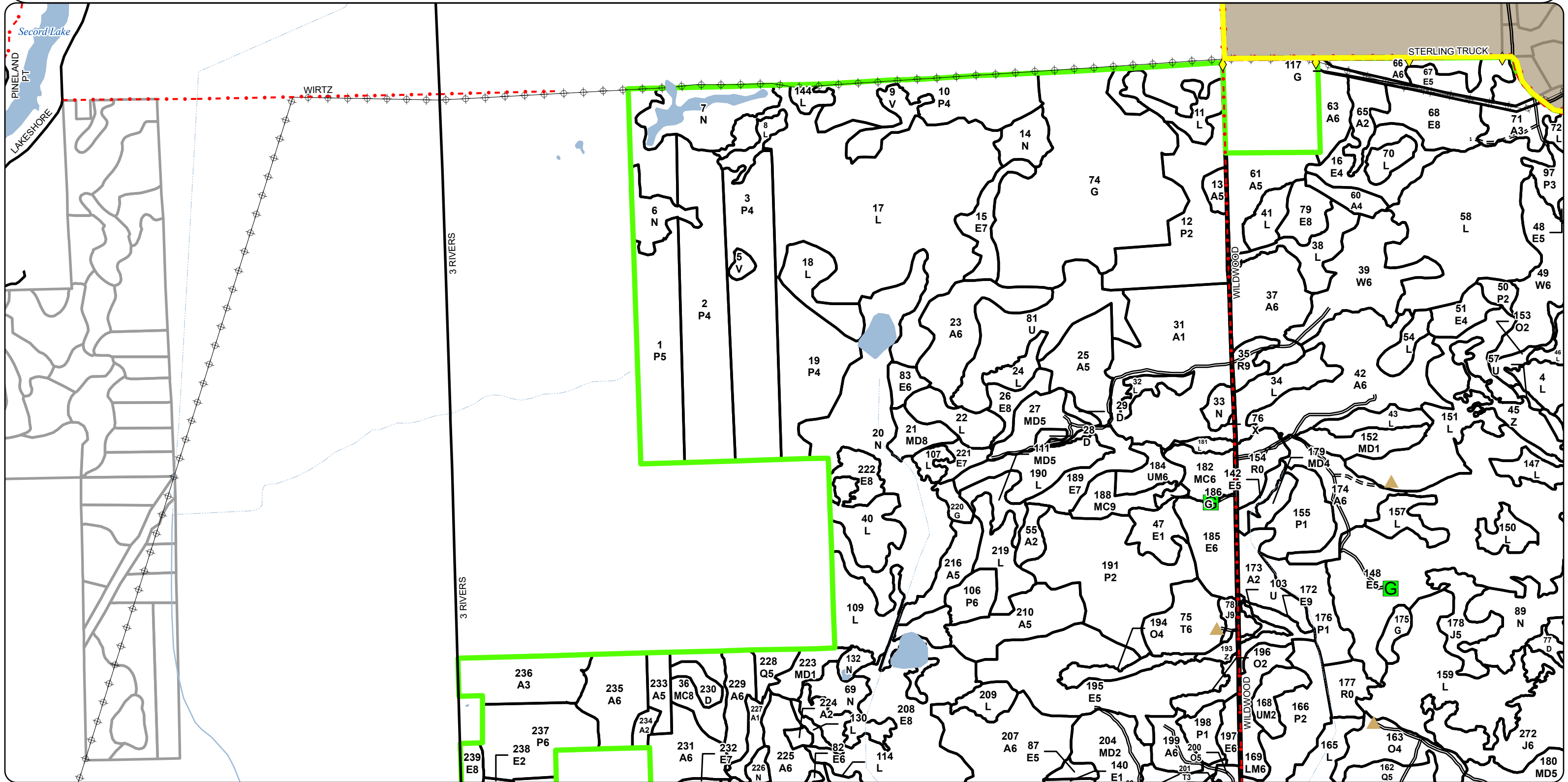


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- Stand Boundaries
- Dedicated Management Areas





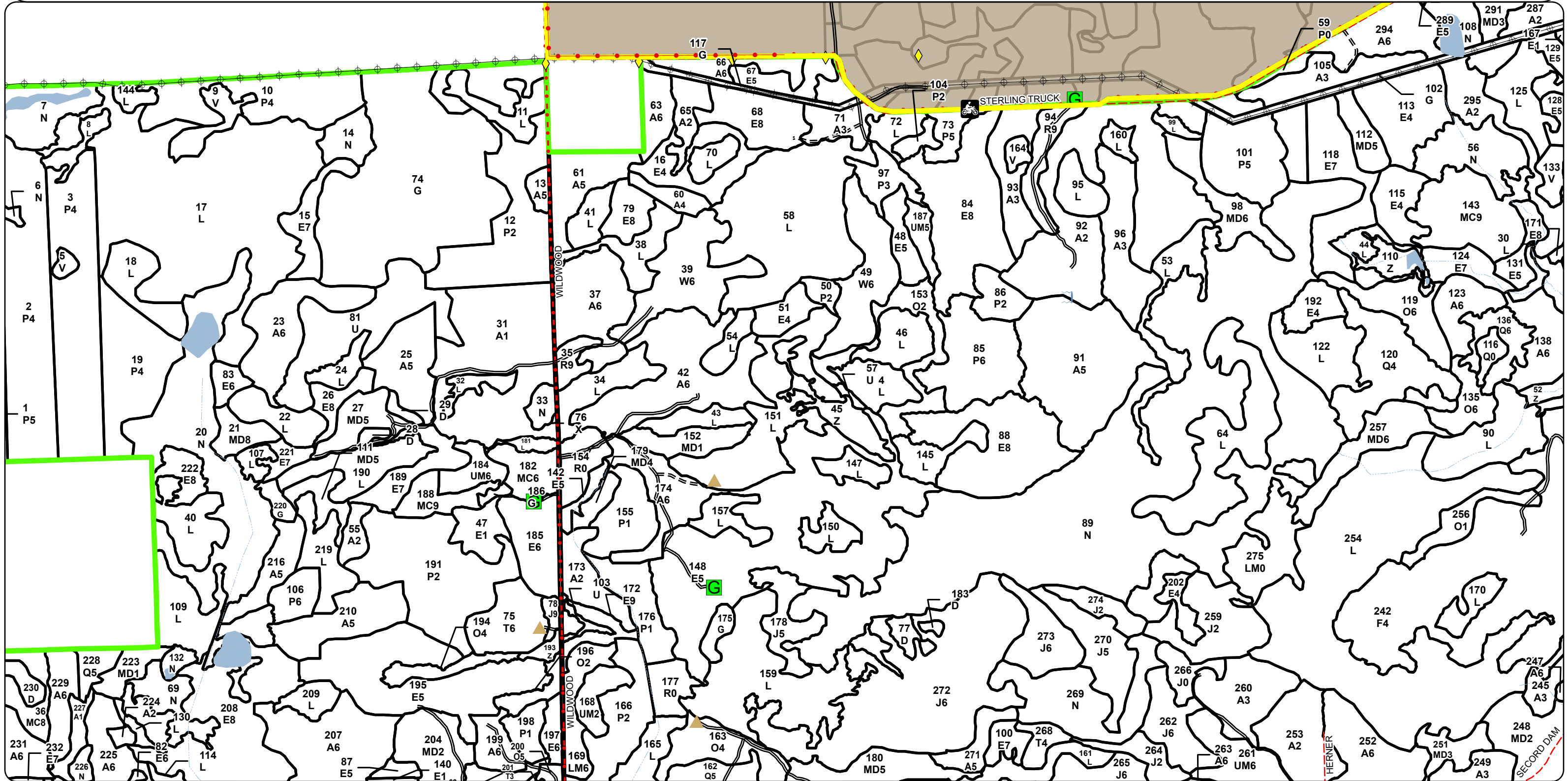
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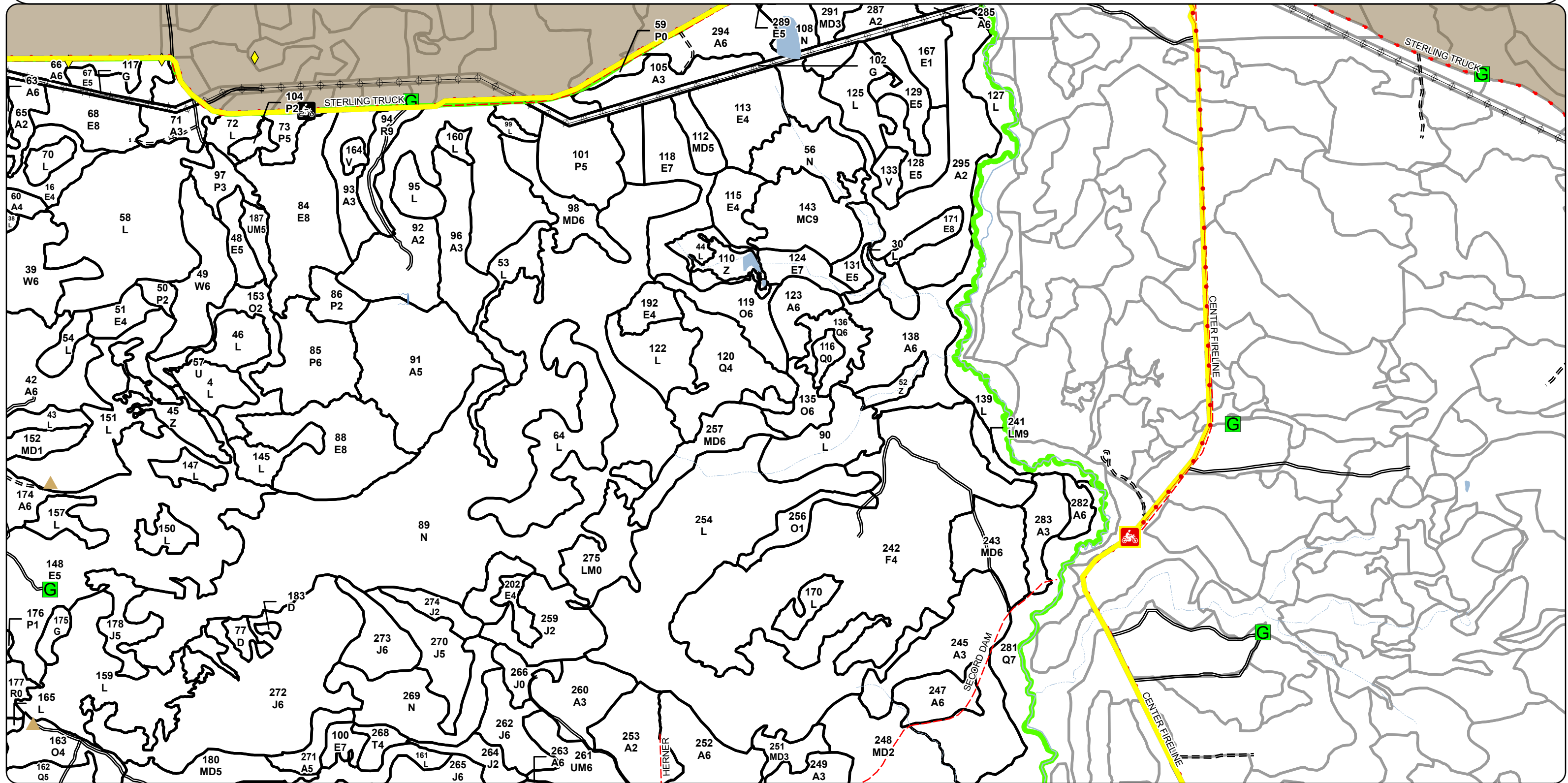






A horizontal scale bar with a black outline. It is divided into four segments by three vertical tick marks. The first segment is black, the second is white, the third is black, and the fourth is white. Above the bar, the numbers 0, 0.5, and 1 are placed at the first, second, and third tick marks respectively. To the right of the bar, the word "Miles" is written.

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|---|-------------------------|---|-------------------------------|---|----------------------------|
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|   | Culvert                 |   | County - Dirt Road (Seasonal) |   | Compartment Boundary       |
|  | Designated MCCCT Trails |  | Intermittent Stream           |  | Stand Boundaries           |
|   |                         |  | Perennial River               |  | Dedicated Management Areas |





# 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+	Unseen-Aged	Total
Aspen	0	276	143	193	414	112	66	0	0	4	0	0	0	0	0	0	0	0	1208
Bog	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
Herbaceous Openland	153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	153
Jack Pine	8	0	20	45	27	15	18	4	129	0	0	0	0	0	0	0	0	0	264
Low-Density Trees	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44
Lowland Aspen/Balsam Poplar	3	0	152	58	120	96	178	0	0	0	0	0	0	0	0	0	0	0	607
Lowland Conifers	4	0	0	0	0	28	0	48	6	0	0	0	38	0	0	0	0	0	124
Lowland Deciduous	0	0	27	6	39	195	40	54	117	113	66	60	0	0	0	0	0	62	779
Lowland Mixed Forest	36	0	0	0	0	0	0	0	14	0	0	0	6	0	0	0	0	0	56
Lowland Shrub	1077	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1076
Marsh	556	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	556
Mixed Upland Deciduous	0	0	113	14	67	43	0	5	0	0	9	0	0	0	0	0	0	0	250
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	11	35	0	0	0	0	0	0	0	46
Oak	0	11	0	0	52	20	0	0	20	0	0	0	0	0	0	0	0	0	103
Red Pine	21	0	0	0	0	0	0	13	6	0	0	0	0	0	0	0	0	0	39
Tamarack	0	0	0	0	6	6	0	20	0	0	0	0	0	0	0	0	0	0	32
Treed Bog	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Upland Conifers	0	0	0	0	0	0	12	0	0	0	12	0	0	0	0	0	0	0	24
Upland Mixed Forest	0	9	0	6	9	0	22	0	0	0	0	0	0	0	0	0	0	0	46
Upland Spruce/Fir	0	0	0	0	0	0	0	186	0	0	0	0	0	0	0	0	0	0	186
Urban	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Water	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
White Pine	0	0	0	0	0	35	0	0	30	0	0	0	0	0	0	0	0	0	65
Total	1979	296	455	322	734	550	336	330	322	128	122	60	44	0	0	0	0	62	5735

## Report 2 – Treatment Summary

Gladwin Mgt. Unit  
Year of Entry: 2027

Acres of Harvest

Compartment 46  
Total Compartment Acres: 5,735

Commercial Harvest - 577  
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	Oversory Removal	Salvage	Other	Total Acres
Aspen	164	0	0	0	0	0	0	0	0	164
Jack Pine	4	0	0	0	0	0	0	0	0	4
Lowland Aspen/Balsam Poplar	32	0	0	0	0	0	0	0	0	32
Upland Mixed Forest	22	0	0	0	0	0	0	0	0	22
Total	222	0	0	0	0	0	0	0	0	222

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	222	0	0	0	0	0	90	0	10	321
Next Step	0	0	0	0	0	0	286	90	0	376
Total	222	0	0	0	0	0	375	90	10	697



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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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**Approved Treatments:**

<b>37</b>	<b>73046037-Cut</b>	31.7	4133 - Aspen, Mixed Pine	6	46	111- 140	Harvest	Clearcut	413 - Aspen	Planting Record	No
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Prescription Harvested the stand as a clearcut of all species but pine. The pine should be thinned down to 90 BA where it is dense. The harvest should be done during dormancy. Include the Gladwin Grouse Spec and No Chipping Spec.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable medium or better stocking of aspen and maple with white pine seeding.

Regen:

Other Some wetter areas will need to be watched for rutting issues.

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

<b>42</b>	<b>73046042-Cut</b>	52.5	4139 - Aspen, Mixed Deciduous	6	46	81-110	Harvest	Clearcut	4133 - Aspen, Mixed Pine	Planting Record	No
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Prescription Harvest as a clear to 2 inches on all species except pine. Thin the thicker pine areas to 40-50 BA. Include the Gladwin Grouse Spec and No Chipping.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Medium or better stocking of aspen mixed with maple and pine.

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

<b>78</b>	<b>73046078-Cut</b>	4.3	42220 - Natural Jack Pine	9	60	51-80	Harvest	Clearcut	4319 - Mixed Upland Forest	Planting Record	No
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Prescription harvest as a clearcut without retentions because of its small size. Leave the tops for seed and to denture illegal activity.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable medium or better stocking of jack pine, maple, and aspen.

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

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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
<b>101 73046101-Cut</b>	31.7	6112 - Lowland Aspen	5	52	81-110	Harvest	Clearcut	6112 - Lowland Aspen	Planting Record	No
<u>Prescription</u> harvest as a clearcut with retention. The retention should be in pocket and not exceed 5% by area. The harvest should be done during dry <u>Specs:</u> or frozen conditions. No chipping to hinder illegal use. Include the Gladwin Grouse Spec.  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u>  <u>Acceptable</u> medium or better stocking of aspen and maple. There will be areas that will not regenerate well because of wetness. <u>Regen:</u>  <u>Other</u> <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/01/2026										
<b>120 73046120-Monitor</b>	35.1	6127 - Lowland Pine	4	64	1-50	Monitoring	Monitoring - Regeneration	4222 - Natural Jack Pine	Planting Record	No
<u>Prescription</u> Check natural regeneration <u>Specs:</u>  <u>Next Step</u> <u>Treatments:</u>  <u>Acceptable</u> Medium or better stocking of pine and oak <u>Regen:</u>  <u>Other</u> <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/01/2028										
<b>123 73046123-Cut</b>	14.5	4131 - Aspen, Oak	6	49	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Harvest the stand as a clearcut without retention because of small acreage. Harvest during the dormancy period because the access needs <u>Specs:</u> to be used during dry or frozen conditions. Retain all conifer by spec. Include the Gladwin Grouse Spec and No Chippin  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u>  <u>Acceptable</u> medium or better stocking of aspen mixed with maple, oak, and conifer. <u>Regen:</u>  <u>Other</u> <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/01/2026										
<b>154 73046154-Monitor</b>	11.3	4211 - Planted Red Pine	0	1	Immature	Monitoring	Monitoring - Regeneration	42110 - Planted Red Pine		No
<u>Prescription</u> <u>Specs:</u>  <u>Next Step</u> ; ; ; Monitoring, Artificial Regen (3yr) <u>Treatments:</u>  <u>Acceptable</u> Medium to fully stocked planted red pine is acceptable. <u>Regen:</u>  <u>Other</u> Percent to Treat = 100% <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/01/2024										



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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
175 73046175.1_N F	4.8	310 - Herbaceous Openland	99			NonForestMgt	Openings Mgmt.	3105 - Mixed Upland Herbaceous	Previous Inventory	No
<u>Prescription</u> Stand to be maintained as a wildlife opening by Wildlife Division. Treatments may include: cultivating, planting of annual cover types, <u>Specs:</u> planting of perennial cover types, application of lime, application of herbicide and mowing.  <u>Next Step</u> <u>Treatments:</u>  <u>Acceptable</u> <u>Regen:</u>  <u>Other</u> <u>Comment:</u>  <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
177 73046177- Monitor	7.5	42111 - Planted Red Pine, Mixed Deciduous	0	1	Immature	Monitoring	Monitoring - Regeneration	42111 - Planted Red Pine, Mixed Deciduous		No
<u>Prescription</u> <u>Specs:</u>  <u>Next Step</u> ; ; Monitoring, Artificial Regen (3yr) <u>Treatments:</u>  <u>Acceptable</u> A mix of planted red pine with white oak and some other mixed deciduous species will be acceptable. <u>Regen:</u>  <u>Other</u> Percent to Treat = 100% <u>Comment:</u>  <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2024										
186 73046186.3_N F	1.5	3105 - Mixed Upland Herbaceous	99			NonForestMgt	Openings Mgmt.	3105 - Mixed Upland Herbaceous	Previous Inventory	No
<u>Prescription</u> Stand to be maintained as a wildlife opening by Wildlife Division. Treatments may include: cultivating, planting of annual cover types, <u>Specs:</u> planting of perennial cover types, application of lime, application of herbicide and mowing.  <u>Next Step</u> <u>Treatments:</u>  <u>Acceptable</u> <u>Regen:</u>  <u>Other</u> <u>Comment:</u>  <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										



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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
<b>220 73046220.6_N F</b>	3.7	3105 - Mixed Upland Herbaceous	99			NonForestMgt	Openings Mgmt.	3105 - Mixed Upland Herbaceous	Previous Inventory	No
<u>Prescription</u> Stand to be maintained as a wildlife opening by Wildlife Division. Treatments may include: cultivating, planting of annual cover types, planting of perennial cover types, application of lime, application of herbicide and mowing. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>225 73046225-Cut</b>	45.1	4130 - Aspen	6	53	111-140	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Harvest the stand as a clearcut with retention. The retention should be placed to protect the wetter pockets. No chipping, leave the tops to lessen the ORV activity. Harvest during dormancy is preferred. Include the Gladwin Grouse Spec and No Chipping Sp <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory); Other, Regeneration Fencing <u>Treatments:</u> <u>Acceptable</u> medium or better stocking of aspen or other hardwoods. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>229 73046229-Cut</b>	12.5	4130 - Aspen	6	54	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Harvest the stand as a clear cut of all species 2" or greater. Do not cut any conifer or green marked trees. Focus the marking on XL pine and cavity trees. Harvest would be best if done during dormancy. Include the Gladwin Grouse Spec and No Chipping Spec <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> medium or better stocking of aspen. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>233 73046233-Cut</b>	7.5	4130 - Aspen	5	54	51-80	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Harvested as a clearcut without retention. This is because of its small acreage. The harvest would be best if done during dormancy. Include the Gladwin Grouse Spec and No Chipping Spec. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> medium or better stocking of aspen mixed with maple, oak and conifer. There will be areas of poor regeneration because of wetness. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										



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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
<b>261 73046261-Cut</b>	21.8	4311 - Pine, Aspen Mix	6	51	51-80	Harvest	Clearcut	4319 - Mixed Upland Forest	Planting Record	No
<u>Prescription Specs:</u> Harvest as a clearcut with retaining. The retention should be in pockets. Also mark some oak and pine. Include the Gladwin Grouse Spec and No Chipping Spec. <u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory) <u>Acceptable Regen:</u> medium or better stocking of maple, aspen, and oak with some seeding in of conifers. <u>Other Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>275 73046275-Monitor</b>	35.9	613 - Lowland Mixed Forest	0	5	Immature	Monitoring	Monitoring - Regeneration	611 - Lowland Deciduous Forest	Planting Record	No
<u>Prescription Specs:</u> monitor natural regeneration <u>Next Step Treatments:</u> <u>Acceptable Regen:</u> medium stocking of mixed species <u>Other Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2028										

**Total Treatment Acreage Proposed: 321.4**

## Report 4 – Site Conditions



### Availability for Management

Total Acres	Acres Available	Acres Available With Condition	Acres Not Available		Dominant Site Conditions						
Acres	Available	With Condition	Not Available		5C	2A	2G	2H	3D	3J	5E
1139	1131	0	9	Aspen					4		5
21	21	0	0	Bog							
153	153	0	0	Herbaceous Openland							
265	119	0	147	Jack Pine			147				
42	42	0	0	Low-Density Trees			0				
606	341	0	266	Lowland Aspen/Balsam Poplar		224	42				
124	63	0	61	Lowland Conifers			23			38	
777	339	51	387	Lowland Deciduous	51		378	9			
48	42	0	7	Lowland Mixed Forest			7				
1067	1050	0	17	Lowland Shrub			17				
549	545	0	4	Marsh		4					
251	251	0	0	Mixed Upland Deciduous							
46	11	0	35	Natural Mixed Pines				35			
102	102	0	0	Oak							
39	39	0	0	Red Pine							
32	20	0	12	Tamarack			12				
18	18	0	0	Treed Bog							
24	25	0	0	Upland Conifers							
46	46	0	0	Upland Mixed Forest							
186	186	0	0	Upland Spruce/Fir							
8	8	0	0	Urban							
30	30	0	0	Water							
65	65	0	0	White Pine							
5,639	4,644	51	944	Total Forested Acres	51	229	625	44	4	38	5
	82%	1%	17%	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	2G: Too wet (sensitive soils, does not include access issues)	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



## Report 4 – Site Conditions



2	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	38	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	52	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

# Report 4 – Site Conditions

Gladwin Mgt. Unit  
Steve Nyhoff: Examiner

Compartment: 46  
Year of Entry: 2027



7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	34	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	107	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	2A: Adjacent landowner denied access	229	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	3D: Recreational/scenic values	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



# Report 4 – Site Conditions

Gladwin Mgt. Unit  
Steve Nyhoff: Examiner

Compartment: 46  
Year of Entry: 2027



14	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	40	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> True swamp. Very wet. Emerald Ash Borer infestation. 80% mortality of ash component..							
15	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
16	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
18	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

# Report 4 – Site Conditions

Gladwin Mgt. Unit  
Steve Nyhoff: Examiner

Compartment: 46  
Year of Entry: 2027



19	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
21	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	77	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
22	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



# Report 4 – Site Conditions

Gladwin Mgt. Unit  
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Compartment: 46  
Year of Entry: 2027



25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
26	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	51	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Ash was selectively harvested from this stand in 2012. BA is now around 80. Hold for ten years to reevaluate.							
28	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
29	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
30	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

# Report 4 – Site Conditions

Gladwin Mgt. Unit  
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Year of Entry: 2027



31	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
32	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	28	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
33	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
35	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
36	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
37	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



# Report 4 – Site Conditions

Gladwin Mgt. Unit  
Steve Nyhoff: Examiner

Compartment: 46  
Year of Entry: 2027



38	Unavailable	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
39	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
40	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
41	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
42	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
43	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

# Report 4 – Site Conditions

Gladwin Mgt. Unit  
Steve Nyhoff: Examiner

Compartment: 46  
Year of Entry: 2027



44	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
45	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	35	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
48	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
51	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
79	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Gladwin Mgt. Unit  
Steve Nyhoff: Examiner

## Report 4 – Site Conditions

Compartment: 46  
Year of Entry: 2027



83	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
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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
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																												
1	6112 - Lowland Aspen	Poletimber Medium	59.2	38	51-80	N/A	This is a highly variable stand. It is a mixture of uplands and lowlands at a 45 to 50 mix. There are pockets of lowland shrubs and leather leaf. The trees are somewhat patchy. The crown closure goes from 0 to 100%, with an average of 60%. The terrain is hummocky. It was habitat cut in 1987. The access is difficult. It may not be feasible for commercial harvest. Allowable access through private is unknown.																																												
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Paper Birch</td><td>5</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Tamarack</td><td>5</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>White Pine</td><td>5</td><td></td><td>5</td><td></td></tr><tr><td>Red Maple</td><td>30</td><td>Sapling</td><td>5</td><td>38</td></tr><tr><td>Quaking Aspen</td><td>30</td><td>Sapling</td><td>5</td><td>38</td></tr><tr><td>Bigtooth Aspen</td><td>25</td><td>Sapling</td><td>6</td><td>38</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Paper Birch	5	Pole	4		Tamarack	5	Sapling	6		White Pine	5		5		Red Maple	30	Sapling	5	38	Quaking Aspen	30	Sapling	5	38	Bigtooth Aspen	25	Sapling	6	38	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Tag Alder</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Michigan Holly</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	5 - 10 feet	Michigan Holly	Medium	5 - 10 feet	5 - 10 feet
Canopy Species	% Cover	Size Class	DBH	Age																																															
Paper Birch	5	Pole	4																																																
Tamarack	5	Sapling	6																																																
White Pine	5		5																																																
Red Maple	30	Sapling	5	38																																															
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Tag Alder	Medium	5 - 10 feet	5 - 10 feet																																																
Michigan Holly	Medium	5 - 10 feet	5 - 10 feet																																																
2	6112 - Lowland Aspen	Poletimber Poor	66.2	52	1-50	N/A	The stand was habitat cut in 1973 by a D7 with a K-blade. It is poorly stocked. The crown closure goes from 0 to 75% with an average of 25%. Overall, the stand could possibly be considered non-forested. Allowable private access is unknown.																																												
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>30</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>Quaking Aspen</td><td>40</td><td></td><td>6</td><td>52</td></tr><tr><td>Paper Birch</td><td>5</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>Tamarack</td><td>10</td><td></td><td>8</td><td></td></tr><tr><td>White Pine</td><td>5</td><td></td><td>5</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>10</td><td></td><td>8</td><td>52</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	30	Sapling	6		Quaking Aspen	40		6	52	Paper Birch	5	Sapling	6		Tamarack	10		8		White Pine	5		5		Bigtooth Aspen	10		8	52	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Alder</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Michigan Holly</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Alder	Medium	5 - 10 feet	5 - 10 feet	Michigan Holly	Medium	5 - 10 feet	5 - 10 feet
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Alder	Medium	5 - 10 feet	5 - 10 feet																																																
Michigan Holly	Medium	5 - 10 feet	5 - 10 feet																																																
3	6112 - Lowland Aspen	Poletimber Poor	61.3	38	1-50	N/A	This stand was habitat cut in 1987. It has patchy regeneration. It is difficult to access. The terrain is hummocky. There are inclusions of lowland shrubs and areas of upland herbaceous. The quaking aspen has significant black knots making the quality low. The white pine in the stand is heavily weevilled. The crown closure goes from 15 to 100% with an average of 65%. Allowable private access is unknown.																																												
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>50</td><td>Sapling</td><td>5</td><td>38</td></tr><tr><td>Bigtooth Aspen</td><td>25</td><td>Sapling</td><td>6</td><td>38</td></tr><tr><td>White Pine</td><td>15</td><td></td><td>10</td><td></td></tr><tr><td>Tamarack</td><td>10</td><td>Sapling</td><td>6</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	50	Sapling	5	38	Bigtooth Aspen	25	Sapling	6	38	White Pine	15		10		Tamarack	10	Sapling	6		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Michigan Holly</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Alder</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Michigan Holly	Medium	5 - 10 feet	5 - 10 feet	Alder	Low	5 - 10 feet	5 - 10 feet										
Canopy Species	% Cover	Size Class	DBH	Age																																															
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Michigan Holly	Medium	5 - 10 feet	5 - 10 feet																																																
Alder	Low	5 - 10 feet	5 - 10 feet																																																
4	629 - Mixed non-forested Wetland	None	12.4			No	The stand is a beaver flooding. The water is very low, and it is currently more of a mud flat. The perimeter is more of a wet meadow. The beavers are starting to take down the oaks outside of the flooding. They connected it to stand 45 by a beaver run.																																												
5	6225 - Bog	None	2.3			No	The stand is a depression of lowland shrubs, mainly leatherleaf, with scattered trees. The trees are mainly tamarack and white pine.																																												
6	6239 - Mixed Emergent Wetland	None	11.1			No	The stand is low and wet. It looks like a wet meadow with some areas of lowland shrubs. The best classification is emergent marsh.																																												
7	6239 - Mixed Emergent Wetland	None	27.6			No	This is an emergent wetland with scattered islands of trees.																																												
8	6220 - Alder/Willow	None	6.1			No	This is an area of lowland shrubs over marsh grass. It is wetter than the surrounding stand.																																												
9	6225 - Bog	None	9.6			No	The stand is mainly leather leaf with areas of lowland shrubs. The lowland shrubs are mainly holly mixed with alder.																																												
		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Tag Alder</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height		Size	Tag Alder	Medium	5 - 10 feet	5 - 10 feet																																							
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Tag Alder	Medium	5 - 10 feet	5 - 10 feet																																																

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
10	6112 - Lowland Aspen	Poletimber Poor	53.8	48	1-50	N/A	The stand was habitat cut in 1977. The stand is decadent with poorly formed aspen and very poor stocking. The trees in the stand are in patches and have low density. Much of the stand has converted to lowland shrubs.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Pine		5	Sapling	6		Michigan Holly		Medium	5 - 10 feet	5 - 10 feet
Bigtooth Aspen		95	Sapling	5	48	Tag Alder		Medium	5 - 10 feet	5 - 10 feet
11	6220 - Alder/Willow	None	12.4			No	The stand is mostly alder and holly. There is a pocket of low wet aspen. However, the crown closure is less than 25%.			
Sub-Canopy Species		Density	Avg. Height	Size						
Tag Alder		Full	5 - 10 feet	5 - 10 feet						
12	6112 - Lowland Aspen	Sapling Medium	44.4	28	51-80	N/A	The stand was clearcut in Miller's Tracks, sale 73-010-97. The harvest was completed in 1997. There are pockets of A6 with some open areas. It has numerous tag alder pockets. The crown closure goes from 0-100% with an average of 80%.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		25	Pole	4		Tag Alder		Low	5 - 10 feet	5 - 10 feet
Bigtooth Aspen		30	Sapling	5	28					
Quaking Aspen		45	Sapling	5	28					
13	4131 - Aspen, Oak	Poletimber Medium	3.6	85	51-80	N/A	This area is a traditional hunting camp. It was retained during the 1997 harvest of stand 12. The aspens and birches are declining. The crown closure is around 60%.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		15		11		Black/Red (Hybrid) Oak		Low	10 - 20 feet	10 - 20 feet
Bigtooth Aspen		45		12	85	Red Maple		Low	>20 feet	>20 feet
White Pine		10	Seedling	6						
Black/Red (Hybrid) Oak		30		10						
14	6239 - Mixed Emergent Wetland	None	9.8			No	This is an emergent wetland made by an old beaver pond that is still holding water.			
15	6113 - Lowland Maple	Sawtimber Poor	12.7	100	1-50	N/A	The ash is gone. The crown closure is now around 25%. The trees are in pockets and some of them are very dense. The stand is too wet for treatment. The trees density, overall, makes for low volumes and the trees are of poor quality. Leave as mature timber and let nature take its course.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Quaking Aspen		5		14		Alder		Full	5 - 10 feet	5 - 10 feet
Red Maple		90		14	100					
Paper Birch		5	Seedling	8						
16	6118 - Lowland Deciduous with Cedar	Poletimber Poor	18.9	100	1-50	N/A	The stand is mainly alder and holly with scatter pockets of swamp hardwoods and cedar. The crown closure goes from 0 to 75%, but it averages 30%.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Northern White Cedar		25		9		Tag Alder		High	5 - 10 feet	5 - 10 feet
Balsam Fir		5	Sapling	5		Michigan Holly		Medium	5 - 10 feet	5 - 10 feet
Red Maple		70		8	100					
17	6229 - Mixed Lowland Shrub	None	155.8			No	The stand is a mixture of uplands and lowlands at about a 45 to 55 mix. The northern half is dryer than the southern half. The uplands are mainly bracken fern and blueberry with white pine stumps scattered everywhere. The lowland varies from alder and holly to leather leaf. There are areas that are starting to seed in with jack pine and tamarack.			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
18	622 - Lowland Shrub	None	15.8			No	The stand is a mixture of lowland shrubs over marsh grass. The southern end is heavier to alder, and the northern end is heavier to leather leaf.
19	6112 - Lowland Aspen	Poletimber Poor	37.6	52	1-50	N/A	The stand is highly variable. The crown closure goes from 0 to 100%, with an average of 40%. The aspen is in pockets with numerous openings. It has poor form in general and in much of the stand it is declining. The stand is seeding in with maple, birch and conifer. It has difficult access issues. Allowable private access is unknown. The terrain is hummocky.
20	623 - Emergent Wetland	None	83.0			No	The stand is an emergent marsh with a man-made drain cutting through it. It also has a series of beaver dams. The water held back by the dams are confined to the drainage channel, for the most part.
21	4199 - Other Mixed Upland Deciduous	Sawtimber Medium	8.7	93	1-50	N/A	The stand is currently factor limited as blocked by physical obstacle. The crown closure is barely 50%. It is mainly a knob that is transition into lowland shrub types. The aspen and birch is declining. The stand does have some oak and white pine regeneration.
22	6229 - Mixed Lowland Shrub	None	13.1			No	The stand is a depression. It has a pocket of fir at the north end and a pocket of cedar at the south end. The overall crown closure is less than 15%.
23	4130 - Aspen	Poletimber Well	29.8	37	81-110	N/A	The stand was harvested in Wildwood Shores Block, 73-020-87, which was completed in 1988. The crown closure is now around 80%. The stand is transitioning into poles. The terrain is hummocky.
24	6229 - Mixed Lowland Shrub	None	6.3			No	The stand is mainly lowland shrubs made up of alder and holly. There are some scattered trees.
25	4130 - Aspen	Poletimber Medium	23.2	37	81-110	N/A	Some aspen is growing off-site and is showing early signs of decadence. It was harvested in Wildwood Shores Block, 73-020-87, which was completed in 1988. The stand is a 50 to 50 mix of uplands and lowlands. There is a pocket of tamarack and white pine at the south end. There are also numerous small inclusions of lowland shrubs with a larger one at the north end.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
26	6113 - Lowland Maple	Sawtimber Medium	7.7	100	51-80	N/A	The stand is too wet to treat. The ash is gone. The crown closure is around 70%.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		100		14	100	Black/Red (Hybrid) Oak		Low	Variable	Variable
						Musclewood/Hornbeam		Full	5 - 10 feet	5 - 10 feet
						Deciduous Shrubs		High	5 - 10 feet	5 - 10 feet
27	4191 - Mixed Upland Deciduous with Conifer	Poletimber Medium	14.1	28	51-80	N/A	The stand was clearcut in Miller's Tracks, sale 73-010-97. The harvest was completed in 1997. The terrain is hummocky. The stem density is variable with the highest density being along the south edge. Tamarack is seeding in. The stand is converting to poles.			
Canopy Species		% Cover	Size Class	DBH	Age					
Black/Red (Hybrid) Oak		35	Sapling	5	28					
Austrian Pine		15	Pole	3						
Quaking Aspen		35	Sapling	5	28					
28	6224 - Treed Bog	None	1.7			No	This is a leather leaf bog with scattered trees, mainly tamarack.			
						Sub-Canopy Species		Density	Avg. Height	Size
						Tamarack		Low	10 - 20 feet	10 - 20 feet
29	6224 - Treed Bog	None	2.1			No	This is a leather leaf bog with scattered trees, mainly tamarack.			
						Sub-Canopy Species		Density	Avg. Height	Size
						Tamarack		Low	10 - 20 feet	10 - 20 feet
30	629 - Mixed non-forested Wetland	None	3.0			No	This is a swale that is mainly non-forested wetlands. There is a creek running through it			
31	4136 - Aspen, Mixed Conifer	Sapling Poor	68.6	7	Immature	N/A	The stand was harvested under contract 73-010-17, Spring Fawn Mix. It was cut during the summer of 2018. There are inclusions of leather leaf and lowland shrubs. The mix of uplands to lowlands is about 50-50 mix. The regeneration consists of patchy aspen with pockets of retained conifers. Much of the oak regeneration is not established. The stand will remain poorly stocked unless the tamarack and white pine seed in. The crown closure goes from 0-60% but averages around 25%. The stand, at the current time, is almost non-forested.			
Canopy Species		% Cover	Size Class	DBH	Age					
White Pine		5		6						
Tamarack		20	Sapling	7						
Red Maple		5	Log	1	7					
Bigtooth Aspen		30	Log	1	7					
Quaking Aspen		30	Log	1	7					
Black/Red (Hybrid) Oak		10	Log	1	7					
32	6229 - Mixed Lowland Shrub	None	5.4			No	The stand is a draw that is mainly alder. There are pockets of trees. The crown closure goes from 0-50% with an average around 15%.			
33	6239 - Mixed Emergent Wetland	None	4.5			No	This stand is an emergent marsh with lowland shrubs around the perimeter.			
34	6220 - Alder/Willow	None	15.2			No	This is a depression of lowland shrubs over marsh grass. The stand now extends further north because of the ash die off in that area. The overstory is gone and now it is dominated by alder.			
						Sub-Canopy Species		Density	Avg. Height	Size
						Tag Alder		Full	5 - 10 feet	5 - 10 feet
						Cattail spp.		Medium	Not Applicable	Not Applicable
						Michigan Holly		Medium	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
35	42210 - Natural Red Pine	Sawtimber Well	5.9	70	81-110	N/A	The stand had a low thinning done in December of 2018 in Bald Eagle Pine 73-003-17. The oak is starting to regenerate but it is not established. There are also a couple of pockets of aspen regeneration.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Pine	90		10	70	Bigtooth Aspen	Low		5 - 10 feet	5 - 10 feet
White Pine	5		8		Black/Red (Hybrid) Oak	Low		5 - 10 feet	5 - 10 feet
Red Maple	5		7						
36	429 - Mixed Upland Conifers	Sawtimber Medium	12.3	90	51-80	N/A	The terrain is hummocky. The crown closure ranges from 10 to 100% with an average of 60%. Most of the overstory is made up of the white pine that were retain when it was harvested. The harvest was Second Surrounded, sale 73-054-91, which was completed in 1994.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Paper Birch	5	Pole	3		Common Blackberry	Low		5 - 10 feet	5 - 10 feet
Balsam Fir	20	Sapling	5	32	Deciduous Shrubs	Medium		5 - 10 feet	5 - 10 feet
Quaking Aspen	10	Pole	4	32					
White Pine	50		13	90					
Black/Red (Hybrid) Oak	15	Pole	3						
37	4133 - Aspen, Mixed Pine	Poletimber Well	31.7	46	111-140	N/A	The stand is a mixture of uplands and lowlands at about a 60–40 mix. The white pine was retained after harvest. The terrain is hummocky. The crown closure goes from 10-100%, with an average around 65%.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Black/Red (Hybrid) Oak	5	Sapling	7		Michigan Holly	Medium		5 - 10 feet	5 - 10 feet
Quaking Aspen	40	Seedling	7	46					
Red Pine	5		8						
Bigtooth Aspen	20	Seedling	7	46					
White Pine	30		8						
38	6229 - Mixed Lowland Shrub	None	14.2			No	The stand is a depression with scattered swamp conifers that are heavy to white pine. The trees are on slight ridges. They are fairly dense especially along the east side. The current crown closure is close to 25%.		
					Sub-Canopy Species	Density		Avg. Height	Size
					Tag Alder	Full		5 - 10 feet	5 - 10 feet
					Michigan Holly	High		5 - 10 feet	5 - 10 feet
					White Pine	Low	10 - 20 feet	10 - 20 feet	
39	42200 - Natural White Pine	Poletimber Well	35.1	46	81-110	N/A	Overall, the white pine appears to be natural. The stand was thinned in December of 2018 in Bald Eagle Pine 73-003-17. It is mainly made up of two dry ridges that make up over 50% of the stand. There is some regeneration, but it is not extensive.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
White Pine	80		11	46	White Pine	Low		5 - 10 feet	5 - 10 feet
Red Maple	15	Sapling	7						
Red Pine	5		10						
40	629 - Mixed non-forested Wetland	None	17.6			No	The stand is a mixture of uplands and lowlands. There is about 60% lowlands. The uplands are low density trees. The crown closure is less than 15%.		
41	6229 - Mixed Lowland Shrub	None	8.3			No	The ash in the stand is now gone. It has converted to lowland shrubs with scattered trees.		



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Stand	Level 4 Cover Type	Size Density			Acres	Stand Age	BA Range	Managed Site	General Comments																																					
50	6112 - Lowland Aspen	Sapling Medium			3.9	28	1-50	N/A	The stand was harvested in Miller's Tracks 73-010-97 in 1997. However, no aspen was noted in the stand in 2015. It is filling in with white pine. The ground cover is marsh grass and alder. The stand is very wet. There is a ridge along the north side. Also, along stand 58 there is significant black spruce. The crown closure is around 50%.																																					
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Black Spruce	Full	5 - 10 feet	5 - 10 feet																																											
51	6113 - Lowland Maple	Poletimber Poor			9.0	95	1-50	N/A	This area was painted out of the sale Miller's Tracks 73-010-97 because of wetness. The stand is a swamp hardwood with some aspen clones. The ash in the stand is now gone and the crown closure is now closer to 25% especially in the eastern ½.																																					
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>60</td><td></td><td>8</td><td>95</td></tr><tr><td>Quaking Aspen</td><td>20</td><td>Sapling</td><td>7</td><td></td></tr><tr><td>White Pine</td><td>20</td><td></td><td>10</td><td></td></tr></table>					Canopy Species	% Cover	Size Class	DBH		Age	Red Maple	60		8	95	Quaking Aspen	20	Sapling	7		White Pine	20		10		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Alder</td><td>Full</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Alder	Full	5 - 10 feet	5 - 10 feet									
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Alder	Full	5 - 10 feet	5 - 10 feet																																											
52	500 - Water	None			5.8			No	The stand is in a depression. It looks like there is newer beaver activity in the stands around it. Overall, it is a wet lowland shrub type with standing water at the south end. The overstory has died off.																																					
53	6229 - Mixed Lowland Shrub	None			15.7			No	OIPC: The stand is a large lowland brush type with a scattering of red maple and ash. Some small areas along the edges of the stand are E6 of mainly green and black ash most are less then 1 ac in size.																																					
54	6220 - Alder/Willow	None			7.0			No	The stand is lowland shrubs with pockets of aspen and maple.																																					
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55	4130 - Aspen	Sapling Medium			5.6	18	Immature	N/A	The stand was harvested in Wildwood Aspen 73-003-03 that was completed in 2003. This stand was mechanically seeded to jack pine on March 25, 2014. When regeneration survey was done on 2/20/17 no jack pine was found but currently the regeneration is at a moderate level with a crown closure around 35%. The stand was surveyed using 50th acre plots and came up with 465 stems per acre. The stand has about 60% uplands that are ridges. The rest of the stand is lowland shrubs.																																					
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Deciduous Shrubs	Medium	5 - 10 feet	5 - 10 feet																																											
56	6233 - Wet Meadow	None			23.1			No	The stand was a beaver flooding but now it is drained and mainly a wet meadow. There are some islands of trees.																																					
57	330 - Low-Density Trees	None			1.1			No	This is a ridge between two floodings. The crown closure is less than 25%. Most of the trees are at the northwest end.																																					
58	6220 - Alder/Willow	None			80.3			No	The stand is mainly marsh grass and lowland shrubs. The ash in the stand is gone but there are some maples along the perimeter.																																					

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments					
59	6112 - Lowland Aspen	Unspecified	3.0	6			2020 Sale Closure Comments: Units 3 and 4 of Black Bear Aspen 73-014-17 were harvested October of 2019. The stand was Clear-cut 2" and up except white pine, white cedar, and green marked trees. The regeneration is poor and is mainly multiple clumps of aspen with scattered trees throughout. The west end of the stand has regenerated to a medium stocking of oak/aspen, but it is less than 2 acres.					
Sub-Canopy Species		Density	Avg. Height	Size								
Quaking Aspen		Low	10 - 20 feet	10 - 20 feet								
Tag Alder		High	5 - 10 feet	5 - 10 feet								
Black/Red (Hybrid) Oak		Low	5 - 10 feet	5 - 10 feet								
60	4130 - Aspen	Poletimber Poor	6.4	35	1-50	N/A	The stand was harvested in Sterling Truck Trail, sale 73-016-87. It was completed in 1990. It is mainly a ridge. The regeneration is a patchy mix of aspen and oak. The soil appears to be droughty.					
								Canopy Species	% Cover	Size Class	DBH	Age
								White Pine	10		9	
								Red Maple	5	Sapling	5	
								Bigtooth Aspen	60	Seedling	7	35
								Quaking Aspen	25	Sapling	6	
61	4130 - Aspen	Poletimber Medium	19.6	28	1-50	N/A	The stand was harvested in Miller's Tracks, 73-010-97 in 1997. The crown closure is now around 75%. The terrain is hummocky. There are also pockets of lowland shrubs along the south side.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Bigtooth Aspen	60	Sapling	6	28
								White Pine	15	Sapling	7	
								Quaking Aspen	20	Sapling	5	28
								Black/Red (Hybrid) Oak	5	Pole	4	
Sub-Canopy Species		Density	Avg. Height	Size								
Deciduous Shrubs		Medium	5 - 10 feet	5 - 10 feet								
62	6113 - Lowland Maple	Sawtimber Medium	8.9	85	81-110	N/A	The ash is dead and gone. There is also not much aspen left. The crown closure is now around 70%. The terrain is hummocky.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Red Maple	75		11	85
								Paper Birch	5	Seedling	6	
								Black/Red (Hybrid) Oak	20		10	
								Sub-Canopy Species		Density	Avg. Height	Size
Deciduous Shrubs		Full	5 - 10 feet	5 - 10 feet								
Red Maple		Low	10 - 20 feet	10 - 20 feet								
Black/Red (Hybrid) Oak		Low	10 - 20 feet	10 - 20 feet								
63	4130 - Aspen	Poletimber Well	10.4	35	111-140	N/A	The stand was clear cut in 1990 in Sterling Truck Trail, sale 73-016-87. The stand has some gaps. The oak is mainly in the west central portion of the stand, and they are XL logs. The terrain is hummocky.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Bigtooth Aspen	75	Sapling	7	35
								Black/Red (Hybrid) Oak	5		14	
								Quaking Aspen	20	Sapling	7	35
64	622 - Lowland Shrub	None	47.2			No	This is a slightly higher area within stand 89. It has mainly tamarack and maple scattered. However, the crown closure is less than 15%. The trees are in a matrix of lowland shrubs and marsh grass.					
65	4130 - Aspen	Sapling Medium	9.5	13	Immature	N/A	The stand was harvested in Secord Sterling 73-021-10, which was completed in 2012. The northern 2/3 of the stand has regenerated well. In the southern 1/3 the regeneration is moderate to poor and is a mix of aspen and oak. The crown closure goes from 25 to 100% and averages around 75%.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Bigtooth Aspen	55	Log	2	13
								Quaking Aspen	20	Log	1	13
								Black/Red (Hybrid) Oak	15	Log	2	
								Red Maple	10	Log	1	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
66	4130 - Aspen	Poletimber Well	10.9	28	1-50	N/A	The eastern portion of the stand is wetter. It is heavy to birch and quaking aspen. The western portion is dryer and heavy to oak and bigtooth aspen. The terrain is hummocky. There is some ash regeneration, but it appears to die when it is 2-3 inches in diameter. The crown closure goes from 50 to 100% and averages around 80%.																																										
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Green Ash	Medium	10 - 20 feet	10 - 20 feet																																														
67	6118 - Lowland Deciduous with Cedar	Poletimber Medium	10.3	70	81-110	N/A	The stand is very wet and most of it cannot be commercially harvested. EAB has killed all the ash. There is some ash regeneration. The crown closure is now less than 50%																																										
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68	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Medium	20.7	100	51-80	N/A	The stand is a mixture of upland ridges and low wet swales. The lowest areas are alder and holly. The terrain is hummocky. The ash in the stand is gone. The aspen is declining. The crown closure goes from 30 to 100%, but averages 65%.																																										
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Deciduous Shrubs	High	5 - 10 feet	5 - 10 feet																																														
69	6239 - Mixed Emergent Wetland	None	13.2			No	The stand is an emergent marsh with some lowland shrubs. There are some scattered trees, but it has a crown closure of less than 2%.																																										
70	6220 - Alder/Willow	None	6.3			No	The stand did have some ash, but it is now gone. It is mainly alder and holly with some scattered maple and birch.																																										
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71	4131 - Aspen, Oak	Sapling Well	15.2	13	Immature	N/A	The stand was recently clear cut with some retention. There is good regeneration. Some small pockets of lowland brush. The harvest was Second Sterling 73-021-10, which was completed in 2012. The terrain is mainly upland knolls with pockets of low wet depressions. The depressions have not regenerated well and are heavy to alder and holly. There is some ORV damage along the access road. The crown closure goes from 25 to 100%, and it averages around 80%																																										
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72	6220 - Alder/Willow	None	7.4			No	The stand is mainly lowland shrubs with trees along the southeast edge and along the road. The shrubs are mainly alder, holly, and willow.																																										
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																						
73	6112 - Lowland Aspen	Poletimber Medium	7.8	53	51-80	N/A	The stand has a ridge running through the center. The low areas are sparsely treed or non-forested. The terrain is hummocky. The crown closure goes from 0-100% with an average of 55%.																																						
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74	310 - Herbaceous Openland	None	122.2			No	The stand is a mixture of uplands and lowlands at about a 55 to 45 mix. The northern half is dryer than the southern half. The uplands are mainly bracken fern and blueberry with white pine stumps scattered everywhere. The lowland varies from alder and holly to leather leaf. There are areas that are starting to seed in with tamarack and white pine.																																						
75	6121 - Tamarack	Poletimber Well	19.8	60	141-170	N/A	The stand is hummocky and wet. There is a lot of down wood. There are also pockets of lowland shrubs. The crown closure is around 75%.																																						
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76	122 - Road/Parking Lot	None	7.9			No	Wildwood Road which is a county gravel road.																																						
77	6224 - Treed Bog	None	7.9			No	The stand has some standing water despite the dry fall in 2024. This area is a leatherleaf bog with seedling and sapling jack pine. The crown closure is around 15%.																																						
78	42220 - Natural Jack Pine	Sawtimber Well	4.3	60	51-80	N/A	There is a lot of down wood in the stand. The aspens and jack pines are declining. The terrain is hummocky.																																						
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Tamarack	15	Seedling	8																																										
Jack Pine	60		10	60																																									
79	6113 - Lowland Maple	Sawtimber Medium	10.0	85	51-80	N/A	The ash is gone and a portion of the central area of the stand is now lowland shrubs. Because of the ash die off the stand has converted to maple. The aspen in the stand is declining. The stand is too wet to treat.																																						
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80	6229 - Mixed Lowland Shrub	None	4.1			No	Harvested in Wildwood Aspen 73-013-03 completed in 2007. It has failed to regenerate.																																						
81	330 - Low-Density Trees	None	40.7			No	The stand was cut by a D7 with a K-blade in 1975. The stocking is very poor. There is some oak and tamarack seeding in. The soils are about 60% uplands.																																						
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
82	6113 - Lowland Maple	Poletimber Well	3.6	53	1-50	N/A	The stand is a drainage. The ash has died off. The current crown closure is now below 75%. It was part of stand 225. The drainage is too wet to harvest.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Paper Birch	10	Sapling	5		Tag Alder	Low		5 - 10 feet	5 - 10 feet
Black/Red (Hybrid) Oak	25	Sapling	6						
Red Maple	65	Sapling	6	53					
83	6113 - Lowland Maple	Poletimber Well	5.1	50	1-50	N/A	The ash is now gone, and the stand is now maple over swamp grass.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Quaking Aspen	15		12	50	Deciduous Shrubs	High		5 - 10 feet	5 - 10 feet
Red Maple	85		13	50					
84	6113 - Lowland Maple	Sawtimber Medium	51.1	90	81-110	N/A	Part of the stand was harvested in Hard Luck Sale 73-013-08 which was completed in 2012. The stand has a slightly dryer ridges scattered throughout. Overall, it is low and wet and there appears to be some sort of drainage that shows up on the 1998 imagery. With the ash being harvested and the mortality, the density is not high enough to prescribe. The aspen in the stand is now overmature and will not regenerate on the wetter soils. The crown closure goes from 20 to 100% having an average around 60%. Hold for ten more years and reevaluate.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
White Pine	5		13		White Pine	Medium		Variable	Variable
Red Maple	70		10	90	Michigan Holly	Medium		5 - 10 feet	5 - 10 feet
Quaking Aspen	10		12		Musclewood/Hornbeam	Low		10 - 20 feet	10 - 20 feet
Paper Birch	15		9		Red Maple	Low		>20 feet	>20 feet
					White Oak	Low		5 - 10 feet	5 - 10 feet
					Black/Red (Hybrid) Oak	Low		5 - 10 feet	5 - 10 feet
85	6112 - Lowland Aspen	Poletimber Well	33.7	53	51-80	N/A	The Aspens are showing symptoms of decadence, poor form, and some shelf fungus. The ash in the stand is now gone and down on the ground. There is some regeneration of maple and ash. The stand is variable with the crown closure going from 0-100% with an average around 60%. There are areas of lowland shrubs.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Black/Red (Hybrid) Oak	7	Pole	3		Tag Alder	Low		5 - 10 feet	5 - 10 feet
Quaking Aspen	40		8		Michigan Holly	High		5 - 10 feet	5 - 10 feet
Paper Birch	3	Pole	4		Red Maple	Medium		>20 feet	>20 feet
Red Maple	50		8	53					
86	6112 - Lowland Aspen	Sapling Medium	9.7	27	Immature	N/A	The center of the stand is medium to poorly stock aspen over holly and alder. The crown closure goes from 40-100% with an average of 70%. The terrain is hummocky.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Black/Red (Hybrid) Oak	5	Log	2		Michigan Holly	Low		5 - 10 feet	5 - 10 feet
Red Maple	15	Log	3		Black/Red (Hybrid) Oak	Low		5 - 10 feet	5 - 10 feet
Bigtooth Aspen	25	Pole	4		Musclewood/Hornbeam	Low		5 - 10 feet	5 - 10 feet
White Pine	5	Log	3		Red Maple	Medium		5 - 10 feet	5 - 10 feet
Quaking Aspen	50	Log	4	27					
87	6113 - Lowland Maple	Poletimber Medium	5.8	85	51-80	N/A	The center of the stand is medium to poorly stock aspen over holly and alder. The crown closure goes from 40-100% with an average of 70%. The terrain is hummocky.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Maple	75		12	85	Black/Red (Hybrid) Oak	Medium		Variable	Variable
Paper Birch	5		8		Green Ash	Low		5 - 10 feet	5 - 10 feet
Black/Red (Hybrid) Oak	15		14		Musclewood/Hornbeam	Medium		10 - 20 feet	10 - 20 feet
Quaking Aspen	5		14		Deciduous Shrubs	Medium	5 - 10 feet	5 - 10 feet	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																												
88	6113 - Lowland Maple	Sawtimber Medium	48.3	89	1-50	N/A	The ash is gone, and the crown closure is now closer to 50%. There are a lot of snags, and the aspen is declining. The terrain is hummocky. Also, the east side of the stand has a lower density.																																																												
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89	6233 - Wet Meadow	None	325.2			No	The stand is mainly a marsh or wet meadow with the perimeter being lowland shrubs. There are islands of trees, but they do not make up much of the stand.																																																												
90	629 - Mixed non-forested Wetland	None	26.8			No	The stand is a lowland shrub type with pockets of leather leaf. There are also areas of willow that seem to be associated with lower wetter ground. There is no standing water.																																																												
91	4131 - Aspen, Oak	Poletimber Medium	65.5	33	1-50	N/A	The stand was harvested in Birch Ridge Sale 73-053-88 which was completed in 1992. It is a series of ridges and swales. The swales have a low density of trees with a thick under story of alder and holly. The trees are mainly maple, birch and trembling aspen. The ridges have higher density and is heavy to oak and bigtooth aspen. The crown closure goes from 10-100% with an average of 60%.																																																												
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92	4131 - Aspen, Oak	Sapling Medium	80.7	6	Immature	N/A	The stand was unit 5 of Black Bear Aspen 73-014-17 was harvested in October 2019. The stand was clear-cut 2" except white pine, white cedar, and green marked trees. The regeneration is patchy and goes from 0-100% with an average of 50%. The wetter portions of the stand have the lowest density.																																																												
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93	4139 - Aspen, Mixed Deciduous	Sapling Well	18.4	25	Immature	N/A	The stand was clear cut in 2000 in Sterling 47, sale 73-022-98. It has regenerated to a mix of aspen, maple and oak. Overall, the aspen is in the highest quantity in number of stems. However, the stand composition may change over time. The terrain is hummocky, and the lower wetter areas are dominated by birch. The crown closure goes from 50-100% with an average of 75%.																																																												
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94	42110 - Planted Red Pine	Sawtimber Well			12.5	65	81-110	N/A	The stand was thinned in October of 2018. It was then cut in 2000 in Sterling 47, sale 73-022-98. The harvest removed all the hardwood from the red pine. The stand is on a droughty Rubicon sand ridge that drops off quickly to the east and west. Oak regeneration is starting to come in and is at a low to medium stocking.																																																		
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95	6229 - Mixed Lowland Shrub	None			9.9			No	The stand is heavy to tag alder and holly. There are some trees along the edges.																																																		
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96	4131 - Aspen, Oak	Sapling Well			26.4	24	Immature	N/A	The stand is a mix of uplands/lowlands, and it is about 60/40. The crown closure goes from 50-100% with an average of 80%. The droughty ridges are white pine and oak; the mid elevations are aspen, maple, and oak; and the low ground is alder, holly, birch, and maple.																																																		
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97	6112 - Lowland Aspen	Sapling Well			10.2	13	Immature	N/A	The stand was harvested in Second Sterling 73-021-10, which was completed in 2012. It has very good regeneration in general. However, the low areas are marsh grass and lowland brush with little regeneration. The uplands have the ground cover of bracken fern. It is heavy to aspen. The crown closure goes from 10 to 100%. The average is 80%.																																																		
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98	4199 - Other Mixed Upland Deciduous	Poletimber Well			22.8	34	1-50	N/A	The stand is a ridge. The north end is heavy to aspen, but most of the stand is oak. The southern end has a significant component of saw log oak. The edges transition to lowland shrubs along the edges that boarder L0 types. Since the major species is oak, the stand should be managed for oak.																																																		
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99	629 - Mixed non-forested Wetland	None			2.6			No	The stand has cattails in the central portion, and lowland shrubs along the edges. Overall, the stand is more of a mix non-forested wetland.																																																		
100	6114 - Lowland Oak	Sawtimber Poor			6.4	99	1-50	N/A	This is a stand made up of slight upland ridges mixed with tag alder and holly swales.																																																		
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101	6112 - Lowland Aspen	Poletimber Medium			31.7	52	81-110	N/A	The terrain is hummocky. Some areas are too wet to harvest. Some parts of the stand have very good red maple regeneration. The ash in the stand is gone. The crown closure goes from 0-100% with an average of 65%. Because of the ash mortality the stand is moving from a swamp hardwood to lowland aspen. It may be harvested if done during Dry frozen conditions. if the stand is harvested the acres will be greatly reduced.		
		Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
		Quaking Aspen	40		10	52	Black/Red (Hybrid) Oak	Low		10 - 20 feet	10 - 20 feet
		Black/Red (Hybrid) Oak	8		7		Green Ash	Medium		5 - 10 feet	5 - 10 feet
		Red Maple	50		9	52	Tag Alder	Medium		5 - 10 feet	5 - 10 feet
		Paper Birch	2	Sapling	6		Red Maple	High		>20 feet	>20 feet
102	3102 - Grass	None			15.3			No	The stand is part of a maintained powerline easement. The ground cover goes from grass to lowland shrubs.		
103	330 - Low-Density Trees	None			2.1			No	The stand is a traditional hunter campsite. It is mainly upland shrub with oak. There are a couple of old borrow areas.		
				Sub-Canopy Species	Density	Avg. Height	Size				
				Black/Red (Hybrid) Oak	Trace	>20 feet	>20 feet				
				Jack Pine	Trace	>20 feet	>20 feet				
				Apple (spp.)	Trace	>20 feet	>20 feet				
104	6112 - Lowland Aspen	Sapling Medium			4.0	13	Immature	N/A	The stand was harvested in Secord Sterling 73-021-10, which was completed in 2012. Currently the stand is maple and aspen over alder and holly. The crown closure is closer to 25%.		
		Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
		Paper Birch	30	Log	1		Alder	Medium		5 - 10 feet	5 - 10 feet
		Quaking Aspen	60	Log	1	13	Michigan Holly	High		5 - 10 feet	5 - 10 feet
		Red Maple	10	Log	1						
105	4131 - Aspen, Oak	Sapling Well			26.4	24	Immature	N/A	The stand was clear-cut in 2000, in Sterling 47, sale 73-22-98. The stand has a ridge of good oak regeneration that slopes down to aspen. There are some areas that are quite wet having sensitive fern in the ground cover.		
		Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
		Quaking Aspen	25	Pole	4	24	Deciduous Shrubs	High		5 - 10 feet	5 - 10 feet
		Paper Birch	5	Log	3						
		Bigtooth Aspen	35	Pole	4	24					
		Red Maple	15	Pole	3						
		Black/Red (Hybrid) Oak	20	Pole	3						
106	6112 - Lowland Aspen	Poletimber Well			9.3	41	141-170	N/A	The stand has a lot of down wood that is mainly ash. However, there is also a significant amount of aspen on the ground. The crown closure is now around 80%. The terrain is hummocky.		
		Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
		Quaking Aspen	100		8	41	Green Ash	Low		5 - 10 feet	5 - 10 feet
107	6229 - Mixed Lowland Shrub	None			4.1			No	The stand is a low wet depression. The ash that was in the stand is now gone. There is some standing water.		
				Sub-Canopy Species	Density	Avg. Height	Size				
				Tag Alder	Full	5 - 10 feet	5 - 10 feet				
108	6239 - Mixed Emergent Wetland	None			11.8			No	The stand has an area of standing water which is covered with water lily. This area is surrounded by marsh grass than lowland shrubs.		
109	629 - Mixed non-forested Wetland	None			31.0			No	The stand is mainly alder and holly. There are some pockets of marsh grass, especially east of the drain.		

Stand	Level 4 Cover Type	Size	Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																														
110	500 - Water	None		7.1			No	The stand looks like a beaver flooding. No signs of new activity so it may be abandoned but the dam is still in place.																																														
111	4199 - Other Mixed Upland Deciduous	Poletimber	Medium	8.5	45	81-110	N/A	The ash is gone, and the crown closure is variable going from 10-100%. The average is around 75%. Most of the canopy is maple, but there are some pockets of aspen. The terrain is hummocky.																																														
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112	4199 - Other Mixed Upland Deciduous	Poletimber	Medium	9.7	49	51-80	N/A	The stand is a mix of trembling aspen and hybrid oak. There is also some with oak and maple. The stand is also a mix of uplands/lowlands at about a 40/60 split.																																														
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113	6113 - Lowland Maple	Poletimber	Poor	27.5	111	51-80	N/A	Overall, the stand is wet and gets wetter from north to south. It has a slight ridge that is fully stocked. However, most of the stand is too wet. All the ash is gone and on the ground. The crown closure goes from 10-100% and averages less than 50%.																																														
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114	6229 - Mixed Lowland Shrub	None		5.2			No	The stand goes from marsh to lowland shrubs to scattered trees over shrubs. The crown closure is less than 15%.																																														
115	6113 - Lowland Maple	Poletimber	Poor	13.8	60	51-80	N/A	All the ash is gone and on the ground. The crown closure goes from 5-100% and averages 30%. The trees are mainly at the north end, and it grades to low density trees over alder and holly going south.																																														
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116	6127 - Lowland Pine	Unspecified		4.3	64	1-50		This is mainly seedling and sapling swamp conifers over leather leaf.																																														
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments				
117	3102 - Grass	None	5.7			No	The stand is part of a maintained powerline easement. The ground cover goes from grass to lowland shrubs.				
118	6113 - Lowland Maple	Sawtimber Poor	30.3	70	51-80	N/A	A Chapter 7 was filed, and additional ash removed as a supplement to the Hard Luck Sale 73-013-08. The treatment was completed in the fall of 2012. Some areas are very wet and thick with marsh grass. Regeneration is low in the northern ½, but as the stand gets dryer heading south the regeneration improves. Some of the areas are fully stocked with maple and oak.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Red Maple		100		14	70	Swamp White Oak		Low	5 - 10 feet	5 - 10 feet	
						Alder		Medium	5 - 10 feet	5 - 10 feet	
						Michigan Holly		Low	5 - 10 feet	5 - 10 feet	
						Black/Red (Hybrid) Oak		Low	5 - 10 feet	5 - 10 feet	
						Red Maple		Medium	10 - 20 feet	10 - 20 feet	
119	4125 - Black, N. Pin Oak	Poletimber Well	19.5	44	81-110	N/A	The stand is mostly oak regeneration on an upland ridge. The white pine in the stand is in 2 main pockets and together they do not make up 5 acres. Some of the oak is transitioning into poles. They were probably the retained trees. The shrub layer is heavy to witch hazel and service berry.				
Canopy Species		% Cover	Size Class	DBH	Age						
Black/Red (Hybrid) Oak		60		7	44						
Tamarack		2	Sapling	6							
White Pine		20		9							
Quaking Aspen		15	Seedling	8	44						
Jack Pine		3	Seedling	6							
120	6127 - Lowland Pine	Poletimber Poor	35.1	64	1-50	N/A	The stand is a very wet boggy area of leather leaf and blueberry. The stand was harvested in Cook's Camp Pine sale 73-004-17. It was cut in Sept 2020. The stand has a crown closure around 25% of the retained red pine. The regeneration of oak, jack pine, red pine and tamarack is mixed in with the sheep laurel, leather leaf, and huckleberry. It is hard to tell how much is out in the stand.				
Canopy Species		% Cover	Size Class	DBH	Age						
Jack Pine		10	Sapling	5							
Red Pine		90		9	64						
121	6229 - Mixed Lowland Shrub	None	5.5			No	The stand is the south end of a drainage. The ash is gone, and it is now lowland shrubs with scattered trees.				
						Sub-Canopy Species		Density	Avg. Height	Size	
						Tag Alder		High	5 - 10 feet	5 - 10 feet	
						Cattail spp.		Low	Not Applicable	Not Applicable	
122	6229 - Mixed Lowland Shrub	None	25.6			No	The stand is a mix of leather leaf and low shrubs. There are trees but the crown closure is less than 15%. The main tree species is tamarack and white pine. However, much of the stand is tag alder over leather leaf.				
123	4131 - Aspen, Oak	Poletimber Well	14.5	49	81-110	N/A		The terrain is undulating next to stand 119 and hummocky near 136. The land is mostly dry and could be treated.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species			Density	Avg. Height	Size
Red Maple		10	Sapling	5		Serviceberry (Juneberry)			Medium	5 - 10 feet	5 - 10 feet
Black/Red (Hybrid) Oak		28	Sapling	7		Red Maple			Medium	10 - 20 feet	10 - 20 feet
Bigtooth Aspen		50	Seedling	8	49						
Quaking Aspen		10	Seedling	6							
Paper Birch		2	Seedling	6							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
124	6113 - Lowland Maple	Sawtimber Poor	10.6	89	51-80	N/A	The ground is spongy and wet all year round. The trees on the plain are large and very shallow rooted. There are many wind-throws in the stand. There is a “creek” flowing through the stand from 110.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		100		16	89	Alder		Medium	5 - 10 feet	5 - 10 feet
125	629 - Mixed non-forested Wetland	None	18.5			No	The stand is lowland shrubs with areas of grass and marsh.			
127	629 - Mixed non-forested Wetland	None	14.0			No	The stand appears to be an old beaver flooding that has since dried down. It is now mainly herbaceous plants with lowland shrubs along the perimeter and scattered in the stand.			
		Sub-Canopy Species		Density	Avg. Height	Size				
		Red Maple		Low	>20 feet	>20 feet				
128	6114 - Lowland Oak	Poletimber Medium	16.9	50	51-80	N/A	The stand is a mixture of uplands and lowlands. The crown closure is around 50% but goes from 10 to 80%. There are pockets of leather leaf. The harvest was a 4" clear cut. It was completed with Stand 167. The treatment was completed in the summer of 2012, in Hard Luck Sale 73-013-08			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
White Pine		5	Sapling	6		Leatherleaf	Low	< 5 feet	< 5 feet	
Black/Red (Hybrid) Oak		65	Sapling	5	50	Alder	Low	5 - 10 feet	5 - 10 feet	
Quaking Aspen		30	Log	2	13	Blueberry/Bilberry/Cranberry	Medium	< 5 feet	< 5 feet	
129	6119 - Mixed Lowland Deciduous Forest	Poletimber Medium	14.0	50	51-80	N/A	The stand has an old roadbed going through it. The aspen regeneration has poor form. The treatment was a 4" clear cut that occurred the same time as the harvest in Stand 167 (2012 in Hard Luck Sale 73-013-08).			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Red Maple		25		6		Tag Alder	Low	5 - 10 feet	5 - 10 feet	
Quaking Aspen		20	Seedling	5		White Pine	Low	5 - 10 feet	5 - 10 feet	
Black/Red (Hybrid) Oak		45	Sapling	5	50	Black/Red (Hybrid) Oak	Medium	5 - 10 feet	5 - 10 feet	
White Pine		5		8						
Paper Birch		5	Pole	4						
130	6229 - Mixed Lowland Shrub	None	2.8			No	The stand did have some trees, but they were ash and are now gone. It is now lowland shrubs with scattered trees and open areas of marsh grass.			
131	6113 - Lowland Maple	Poletimber Medium	15.5	69	81-110	N/A	This stand is a long-wet swale. There is a creek flowing through the stand that has a non-forested floodplain that is narrow. Overall, the stand is a mix of uplands and lowlands and is around a 50-50 mix. Much of the larger overstory trees have now died off and it is now mainly a pole maple.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Quaking Aspen		25		16		White Pine	Full	5 - 10 feet	5 - 10 feet	
Red Maple		75		9	69	Black/Red (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet	
132	6239 - Mixed Emergent Wetland	None	3.4			No	The stand looks to be an old beaver flooding that is now more of an emergent marsh. The stand goes from water to lowland shrubs going north.			
133	6225 - Bog	None	6.1			No	This stand is a leather leaf bog with not much else in it. There are some white pine, black spruce and tamarack popping up, but they are widely scattered. There is a small pocket of black spruce in the southeast corner of the stand.			

Stand	Level 4 Cover Type	Size	Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																	
134	6229 - Mixed Lowland Shrub	None	12.7				No	This stand is the Molasses River flood plain. The edges of the plain are bordered by steep banks. On the inclines the stand is heavy to aspen, maple and oak. The flood plain is heavy to tag alder and willow with some areas of marsh grass. There are some scattered trees but no ash.																																																	
135	4125 - Black, N. Pin Oak	Poletimber Well	11.0	32	81-110		N/A	The stand has a mix of regeneration of aspen, black oak, and tamarack. There are also pockets of tag alder in the stand. The residual oak saw and poles have a high mortality.																																																	
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136	6127 - Lowland Pine	Poletimber Well	12.9	64	81-110		N/A	The stand is a mix of lowlands and slightly dryer ground. The lowlands have a ground cover or sensitive fern and leather leaf. The dryer areas have sheep laurel.																																																	
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137	6112 - Lowland Aspen	Sapling Poor	2.6	18	Immature		N/A	The stand was harvested in Wildwood Aspen 73-013-03, which was completed in 2007. The regeneration in the stand is patchy. The stand goes from non-forested to a medium to well stocked swamp hardwoods. The terrain is hummocky.																																																	
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138	4131 - Aspen, Oak	Poletimber Well	45.3	33	1-50		N/A	The stand is regenerating to a light A3. The quaking aspen has poor form and lots of black knots and has a smaller diameter than the big tooth. The aspen is transitioning into poles. It has some very dry areas having the ground cover of sweet fern and reindeer moss. It also has wet areas of tag alder. Beaver have been thinning the stand along the south edge. It was harvested in Birch Ridge Sale 73-053-88 which was completed in 1992.																																																	
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139	6229 - Mixed Lowland Shrub	None	19.2				No	The stand is on the molasses river flood plain. The ground is spongy and wet all year round. The trees on the plain are large and very shallow rooted and scattered. The cover type is heavy to tag alder and willow shrubs.																																																	
140	6119 - Mixed Lowland Deciduous Forest	Sapling Poor	2.7	18	Immature		N/A	The stand was harvested in Wildwood Aspen, 73-013-03. It was completed in 2007. The east end is non-forested with phragmites. The middle of the stand is dryer with a higher percentage of aspen. The west end of the stand has significant ash regeneration.																																																	
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**DUERRG**

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
151	629 - Mixed non-forested Wetland	None	46.5			No	The stand is mainly cattails and marsh grasses mixed with lowland shrubs. There is a drainage flowing through the stand.
152	4191 - Mixed Upland Deciduous with Conifer	Sapling Poor	12.3	18	Immature	N/A	The stand is a matrix of uplands and lowlands at about 40-60 mix. There are ash saplings, but they are being killed by EAB when they are around 2" DBH. The stand was harvested in Wildwood Aspen 73-013-03, which was completed 2007. The stand was machine seeded with jack pine on 03/25/2014. The regeneration was checked in 2017. The seeded jack pine failed but the stand has 878 stems per acre.
153	4122 - Oak, Pine	Sapling Medium	22.3	35	1-50	N/A	The stand is a ridge that wanders between low ground. The crown closure is variable and goes from 0 to 100% but averages 55%. The aspen is dense at the north end, but it become sparse throughout the rest of the stand. Oak, on the other hand, is present throughout the stand. The red pine is mainly in one pocket.
154	4211 - Planted Red Pine	Unspecified	11.4	1	Immature		Stand planted in May of 2025. 736 TPA of red pine. Planting comments mention "SW Corner water not trenched". The stand was harvested under contract 73-010-17, Spring Fawn Mix during the fall of 2019. It was trenched in the Spring of 2022. Then it was sprayed in August of 2024.
155	6112 - Lowland Aspen	Sapling Poor	18.7	18	Immature	N/A	The stand has patchy regeneration coming in. The ground cover is mainly marsh grass. The oak, in much of the stand, is not established. The stand is dryer in the western half. It does have pockets of wetter ground having phragmites. It was harvested in Wildwood Aspen 73-013-03, which was completed in 2007.
157	6220 - Alder/Willow	None	9.4			No	This stand is mainly maple and tamarack over tag alder. The crown closure is less than 20%.



**DUERRG**

Stand	Level 4 Cover Type	Size Density			Acres	Stand Age	BA Range	Managed Site	General Comments																																																									
166	6112 - Lowland Aspen	Sapling Medium			34.1	18	Immature	N/A	Although regeneration is patchy in places, the overall stand appears to be coming back well. The stand was harvested in Wildwood Aspen, 73-013-03, which was completed in 2007. There are areas that are sparsely treed. The crown closure goes from 10-100% and averages 65%.																																																									
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167	6114 - Lowland Oak	Sapling Poor			13.4	13	Immature	N/A	The stand treatment was completed in the summer of 2012 from Hard Luck Sale 73-013-08. The aspen has started to fill in. The northeast corner is more of a lowland shrub type with scattered aspen, maple, oak, and birch. The west side is a ridge.																																																									
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168	4319 - Mixed Upland Forest	Sapling Medium			9.3	9	Immature	N/A	The stand was harvested in 2013 and is scheduled for trench and inter- plant to red pine. FTP C73-912 initiated via email to Throop dated 9/11/2013. Stand was inter-planted to red pine in the Spring of 2015. [Comment 2016, the regeneration was check in spring of 2016 currently there is 875 stems/ ac of red pine and 550 stems/ac of oak. the oak is < 4' tall so it is not established.] Ridge in west half planted. East lobe seeding in with tamarack, maple, and oak.																																																									
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169	6139 - Mixed Lowland Forest	Poletimber Well			14.1	76	51-80	N/A	The aspen is decadent. The stand is low and wet for the most part. There are some ridges and pockets of alder. The terrain is hummocky.																																																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Tamarack</td><td>44</td><td></td><td>8</td><td>76</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>4</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>Quaking Aspen</td><td>4</td><td></td><td>9</td><td></td></tr><tr><td>White Oak</td><td>10</td><td></td><td>8</td><td></td></tr><tr><td>Paper Birch</td><td>3</td><td>Seedling</td><td>5</td><td></td></tr><tr><td>Red Maple</td><td>35</td><td></td><td>7</td><td></td></tr></table>					Canopy Species	% Cover	Size Class	DBH		Age	Tamarack	44		8	76	Black/Red (Hybrid) Oak	4	Sapling	6		Quaking Aspen	4		9		White Oak	10		8		Paper Birch	3	Seedling	5		Red Maple	35		7		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>High</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Balsam Fir</td><td>Trace</td><td>&lt; 5 feet</td><td>&lt; 5 feet</td></tr><tr><td>Deciduous Shrubs</td><td>High</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Tamarack</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	High	10 - 20 feet	10 - 20 feet	Balsam Fir	Trace	< 5 feet	< 5 feet	Deciduous Shrubs	High	5 - 10 feet	5 - 10 feet	Tamarack	Medium	10 - 20 feet	10 - 20 feet	Black/Red (Hybrid) Oak	Low	10 - 20 feet	10 - 20 feet
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170	6220 - Alder/Willow	None			8.1			No	The stand is a mix of uplands and lowlands. The lowlands are heavy to leather leaf, and the uplands are low density trees.																																																									
171	6113 - Lowland Maple	Sawtimber Medium			7.3	69	51-80	N/A	The stand was harvested in August of 2020, in Two Jake Aspen sale 73-017-17. It had all the ash and aspen removed. The crown closure is now around 60%, but ranges from 10-90%. The central portion of the stand is a drainage.																																																									
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172	6119 - Mixed Lowland Deciduous Forest	Sawtimber Well	6.9	95	81-110	N/A	The stand is at the base of a ridge. The ash is gone. Factor limited as Too Wet. 2G																																																				
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173	4131 - Aspen, Oak	Sapling Medium	14.5	18	Immature	N/A	The stand was harvested in Wildwood Aspen 73-013-03, which was completed in 2007. The regeneration is variable. There are some areas that are well stocked and areas that are poorly stocked. There are also pockets that have come back as lowland shrubs. The crown closure goes from 15-100% with an average of 60%.																																																				
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Witch Hazel	Low	5 - 10 feet	5 - 10 feet																																																								
174	4130 - Aspen	Poletimber Well	22.4	23	1-50	N/A	The stand is on a ridge that drops down to lowlands. However, most of the stand is upland. It was harvested in Wildwood Secord Aspen 73-058-92, which was completed in 1992. The crown closure is now greater than 50%. The lower areas have regenerated heavier to tamarack with lowland shrubs. The terrain is hummocky.																																																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>15</td><td>Sapling</td><td>5</td><td>23</td></tr><tr><td>Red Maple</td><td>10</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>50</td><td>Sapling</td><td>6</td><td>23</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>10</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Tamarack</td><td>15</td><td>Pole</td><td>4</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	15	Sapling	5	23	Red Maple	10	Pole	4		Bigtooth Aspen	50	Sapling	6	23	Black/Red (Hybrid) Oak	10	Pole	4		Tamarack	15	Pole	4		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Tamarack</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Tamarack	Medium	10 - 20 feet	10 - 20 feet	Black/Red (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet													
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175	310 - Herbaceous Openland	None	4.8			Yes	This stand is a maintained wildlife opening.																																																				
176	6112 - Lowland Aspen	Sapling Poor	17.6	18	Immature	N/A	The stand is wet, and the regeneration is patchy. So, there are areas of thick regeneration and areas without. It was harvested in Wildwood Aspen 73-013-03, which was completed in 2007. The south end appears to be a lowland shrub type.																																																				
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177	42111 - Planted Red Pine, Mixed Deciduous	Unspecified	9.6	1	Immature		Stand planted in May of 2025. 825 TPA of red pine. Planting comments mention "lots of standing water". The stand was harvested under contract 73-010-17, Spring Fawn Mix during the fall of 2019. It was trenched in Spring of 2022. Then it was sprayed in August of 2024.																																																				

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																						
178	6126 - Lowland Jack Pine	Poletimber Medium	15.2	40	Unspecified	N/A	This stand is about 55% lowland. There is a ridge running through the center of the stand. The terrain is hummocky. The jack pine is open grown and has a poor form. The tamarack has good growth and fair to good form, but it is on the wetter ground.																																						
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179	4191 - Mixed Upland Deciduous with Conifer	Poletimber Poor	5.1	65	81-110	N/A	The stand is sparse. The overstory is in patches. The terrain is hummocky. There is a man-made drain along the west side. The tamarack is heavy in the wetter ground.																																						
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180	4191 - Mixed Upland Deciduous with Conifer	Poletimber Medium	23.3	34	51-80	N/A	The stand was harvested in Wildwood Secord Aspen, 73-058-92 which was completed in 1992. It is a ridge that slopes down to wetter ground. The maple is on the wettest ground. There are pockets of N0 and L0 at the south end.																																						
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181	6229 - Mixed Lowland Shrub	None	3.0			No	The stand is mainly lowland shrubs with scattered trees. The shrubs are mostly holly and alder. The west end has a greater density of trees. The overall crown closure is less than 25%.																																						
182	42380 - Non Pine Upland Conifer, Mixed Deciduous	Poletimber Well	12.2	50	111-140	N/A	The stand is hummocky but mainly upland. The tree species are heavy to tamarack.																																						
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183	6224 - Treed Bog	None	1.1			No	This is a leatherleaf bog that has a light overstory of seedling and sapling jack pine. The crown closure is around 25%. The jack pine has small diameters.																																						
184	4319 - Mixed Upland Forest	Poletimber Well	8.9	34	51-80	N/A	The stand is a fine matrix of uplands and lowlands. The uplands appear to be the majority. The terrain is hummocky. The stand was harvested in Wildwood Secord Aspen 73-058-92, which was completed in 1992																																						
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185	6119 - Mixed Lowland Deciduous Forest	Poletimber Well	20.0	37	51-80	N/A	The stand is a matrix of uplands and lowlands with the mix being around 55 to 45%. The tree species grade from one type to another. There are areas high in tamarack, or aspen, or maple, and there are areas where they are a mixture. The crown closure ranges from 70 to 100% with an average of 90%.																																												
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186	3105 - Mixed Upland Herbaceous	None	1.5			Yes	This stand is a maintained wildlife opening.																																												
187	4310 - Pine, Oak Mix	Poletimber Medium	6.4	28	51-80	N/A	The stand is a ridge that was harvested in Miller's Tracks 73-010-97, which was completed in 1997. The harvest retained the white pine. The ridge is droughty sand that slopes down to wetter hummocky sand. The white pine has been seeding in so there is some regeneration. The residual white pine has been heavily weevilled, so they have poor form. The stand has some very open areas. The average crown closure is around 55%.																																												
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188	42290 - Natural Mixed Pine	Sawtimber Well	10.9	81	81-110	N/A	This stand is on a ridge. It is heavier to jack pine in the east and white pine in the west. There are areas of tamarack in the stand especially along the northwestern edge.																																												
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189	6113 - Lowland Maple	Sawtimber Poor	14.9	81	1-50	N/A	The stand is very wet with the ground cover being marsh grass and tag alder. The oak understory is along the southeast side where it starts to become upland. The ash is dead and there are numerous openings. The crown closure is now less than 50%.																																												
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Sub-Canopy Species	Density	Avg. Height	Size																																																
Deciduous Shrubs	Medium	5 - 10 feet	5 - 10 feet																																																
Tag Alder	High	5 - 10 feet	5 - 10 feet																																																
Oak (spp.)	Medium	Variable	Variable																																																
190	6229 - Mixed Lowland Shrub	None	19.4			No	The stand is mainly lowland shrubs made up of alder and holly. There are scattered trees, but the crown closure is less than 5%.																																												
191	6112 - Lowland Aspen	Sapling Medium	57.1	18	Immature	N/A	The stand was harvested in Wildwood Aspen, 73-013-03, which was completed in 2007. A direct seeding treatment, FTP C73-905, was terminated because when the staff arrived to direct seed on March 25, 2014. It was determined that it was regenerating. The regeneration that does exist is variable with patches that are well stocked and areas that are non-stocked. There are also inclusions of lowland shrubs. The crown closure ranges from 0-100%, with an average of 60%.																																												
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black/Red (Hybrid) Oak</td><td>15</td><td>Log</td><td>1</td><td></td></tr><tr><td>Quaking Aspen</td><td>40</td><td>Log</td><td>2</td><td>18</td></tr><tr><td>Paper Birch</td><td>15</td><td>Log</td><td>1</td><td>18</td></tr><tr><td>Bigtooth Aspen</td><td>30</td><td>Log</td><td>2</td><td>18</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Black/Red (Hybrid) Oak	15	Log	1		Quaking Aspen	40	Log	2	18	Paper Birch	15	Log	1	18	Bigtooth Aspen	30	Log	2	18	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Tag Alder</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Willow spp.</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Green Ash</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	5 - 10 feet	Willow spp.	Low	Variable	Variable	Green Ash	Low	5 - 10 feet	5 - 10 feet						
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Stand	Level 4 Cover Type	Size	Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
192	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Poor	9.3	64	1-50	N/A	<div>This is a depression that is heavy to leather leaf that has some scattered trees.</div>			
<div>Canopy Species</div> <div>Black/Red (Hybrid) Oak</div>		<div>% Cover</div> <div>45</div>	<div>Size Class</div> <div></div>	<div>DBH</div> <div>6</div>	<div>Age</div> <div>64</div>	<div>Sub-Canopy Species</div> <div>Black/Red (Hybrid) Oak</div>		<div>Density</div> <div>Low</div>	<div>Avg. Height</div> <div>10 - 20 feet</div>	<div>Size</div> <div>10 - 20 feet</div>
<div>Canopy Species</div> <div>Tamarack</div>		<div>% Cover</div> <div>35</div>	<div>Size Class</div> <div>Sapling</div>	<div>DBH</div> <div>5</div>	<div>Age</div> <div></div>	<div>Sub-Canopy Species</div> <div>Red Maple</div>		<div>Density</div> <div>Low</div>	<div>Avg. Height</div> <div>5 - 10 feet</div>	<div>Size</div> <div>5 - 10 feet</div>
<div>Canopy Species</div> <div>Red Maple</div>		<div>% Cover</div> <div>20</div>	<div>Size Class</div> <div>Sapling</div>	<div>DBH</div> <div>5</div>	<div>Age</div> <div></div>	<div>Sub-Canopy Species</div> <div>Deciduous Shrubs</div>		<div>Density</div> <div>High</div>	<div>Avg. Height</div> <div>5 - 10 feet</div>	<div>Size</div> <div>5 - 10 feet</div>
193	500 - Water	None	2.6				No	The stand is a man-made wetland.		
194	4126 - White, Black, N. Pin Oak	Poletimber Poor	7.5	38	1-50	N/A	<div>The stand is sparse and on a narrow droughty ridge. The ground cover is poverty grass. The uplands are seeding in with oak. Much of it is now established. Tamarack is seeding in along the base of the ridge. There is also a low-density aspen. The crown closure is now greater than 25%.</div>			
<div>Canopy Species</div> <div>Bigtooth Aspen</div>		<div>% Cover</div> <div>10</div>	<div>Size Class</div> <div>Sapling</div>	<div>DBH</div> <div>6</div>	<div>Age</div> <div>38</div>					
<div>Canopy Species</div> <div>Black/Red (Hybrid) Oak</div>		<div>% Cover</div> <div>10</div>	<div>Size Class</div> <div></div>	<div>DBH</div> <div>12</div>	<div>Age</div> <div></div>					
<div>Canopy Species</div> <div>Black/Red (Hybrid) Oak</div>		<div>% Cover</div> <div>40</div>	<div>Size Class</div> <div>Log</div>	<div>DBH</div> <div>3</div>	<div>Age</div> <div>38</div>					
<div>Canopy Species</div> <div>White Oak</div>		<div>% Cover</div> <div>25</div>	<div>Size Class</div> <div>Log</div>	<div>DBH</div> <div>3</div>	<div>Age</div> <div></div>					
<div>Canopy Species</div> <div>Red Maple</div>		<div>% Cover</div> <div>15</div>	<div>Size Class</div> <div>Log</div>	<div>DBH</div> <div>2</div>	<div>Age</div> <div></div>					
195	6119 - Mixed Lowland Deciduous Forest	Poletimber Medium	59.4	40	81-110	N/A	<div>The stand is a matrix of uplands and lowlands with the lowlands being the majority. There are areas of lowland shrubs. The upland areas are heavier to aspen and oak. The lowland areas are heavier to maple and tamarack. The ash is gone. The crown closure goes from 50 to 100% with an average around 70%.</div>			
<div>Canopy Species</div> <div>Red Maple</div>		<div>% Cover</div> <div>40</div>	<div>Size Class</div> <div>Sapling</div>	<div>DBH</div> <div>5</div>	<div>Age</div> <div>40</div>	<div>Sub-Canopy Species</div> <div>Deciduous Shrubs</div>		<div>Density</div> <div>High</div>	<div>Avg. Height</div> <div>5 - 10 feet</div>	<div>Size</div> <div>5 - 10 feet</div>
<div>Canopy Species</div> <div>Black/Red (Hybrid) Oak</div>		<div>% Cover</div> <div>20</div>	<div>Size Class</div> <div>Pole</div>	<div>DBH</div> <div>4</div>	<div>Age</div> <div></div>					
<div>Canopy Species</div> <div>Tamarack</div>		<div>% Cover</div> <div>10</div>	<div>Size Class</div> <div>Sapling</div>	<div>DBH</div> <div>5</div>	<div>Age</div> <div></div>					
<div>Canopy Species</div> <div>Quaking Aspen</div>		<div>% Cover</div> <div>30</div>	<div>Size Class</div> <div>Sapling</div>	<div>DBH</div> <div>6</div>	<div>Age</div> <div>40</div>					
196	4125 - Black, N. Pin Oak	Sapling Medium	5.8	38	81-110	N/A	<div>The stand is on an upland ridge, and it appears to be droughty. The trees are mainly poorly formed choke cherry and oak. The overstory is sparse having a crown closure going from 25 to 90% with an average of 55%. The lower ground is hummocky.</div>			
<div>Canopy Species</div> <div>Red Maple</div>		<div>% Cover</div> <div>20</div>	<div>Size Class</div> <div>Sapling</div>	<div>DBH</div> <div>6</div>	<div>Age</div> <div></div>					
<div>Canopy Species</div> <div>Black/Red (Hybrid) Oak</div>		<div>% Cover</div> <div>50</div>	<div>Size Class</div> <div>Pole</div>	<div>DBH</div> <div>4</div>	<div>Age</div> <div>38</div>					
<div>Canopy Species</div> <div>Paper Birch</div>		<div>% Cover</div> <div>5</div>	<div>Size Class</div> <div>Sapling</div>	<div>DBH</div> <div>5</div>	<div>Age</div> <div></div>					
<div>Canopy Species</div> <div>Swamp White Oak</div>		<div>% Cover</div> <div>25</div>	<div>Size Class</div> <div>Pole</div>	<div>DBH</div> <div>4</div>	<div>Age</div> <div></div>					
197	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	5.2	63	81-110	N/A	<div>The stand has a significant number of dead snags and down ash. The terrain is hummocky. However, it is very wet, and it is regenerating well on its own. The canopy gaps are filling in with maple, ash, and tamarack. It is expected to maintain itself as tamarack. The crown closure goes from 10 to 100% with an average of 80%.</div>			
<div>Canopy Species</div> <div>Black/Red (Hybrid) Oak</div>		<div>% Cover</div> <div>5</div>	<div>Size Class</div> <div></div>	<div>DBH</div> <div>5</div>	<div>Age</div> <div></div>	<div>Sub-Canopy Species</div> <div>Deciduous Shrubs</div>		<div>Density</div> <div>High</div>	<div>Avg. Height</div> <div>5 - 10 feet</div>	<div>Size</div> <div>5 - 10 feet</div>
<div>Canopy Species</div> <div>Quaking Aspen</div>		<div>% Cover</div> <div>5</div>	<div>Size Class</div> <div>Seedling</div>	<div>DBH</div> <div>8</div>	<div>Age</div> <div></div>	<div>Sub-Canopy Species</div> <div>Red Maple</div>		<div>Density</div> <div>High</div>	<div>Avg. Height</div> <div>Variable</div>	<div>Size</div> <div>Variable</div>
<div>Canopy Species</div> <div>Tamarack</div>		<div>% Cover</div> <div>35</div>	<div>Size Class</div> <div></div>	<div>DBH</div> <div>8</div>	<div>Age</div> <div>63</div>	<div>Sub-Canopy Species</div> <div>Tamarack</div>		<div>Density</div> <div>Low</div>	<div>Avg. Height</div> <div>5 - 10 feet</div>	<div>Size</div> <div>5 - 10 feet</div>
<div>Canopy Species</div> <div>Paper Birch</div>		<div>% Cover</div> <div>5</div>	<div>Size Class</div> <div>Sapling</div>	<div>DBH</div> <div>5</div>	<div>Age</div> <div></div>					

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments				
198	6112 - Lowland Aspen	Sapling Poor	8.0	18	Immature	N/A	The majority of the stand has patchy regeneration. Some areas are non-forested and wet. It was harvested in Wildwood Aspen 73-013-03 which was completed in 2007. The crown closure goes from 0 to 80% with an average of 25%.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Paper Birch		5	Log	1		Deciduous Shrubs		Full	5 - 10 feet	5 - 10 feet	
Quaking Aspen		40	Log	2	18						
Black/Red (Hybrid) Oak		35	Log	2							
Green Ash		20	Log	1							
199	4131 - Aspen, Oak	Poletimber Well	9.7	34	81-110	N/A	The stand is a mixture of uplands and lowlands with the uplands being the majority. There are inclusions of lowland shrubs with scattered paper birch and tamarack. The lowland makes up around 30% of the stand. There are also areas of upland herbaceous. The past harvest appears to have been to 4 inches DBH and left some larger oak.				
Canopy Species		% Cover	Size Class	DBH	Age						
Tamarack		5	Pole	4							
Black/Red (Hybrid) Oak		25		5							
White Oak		10	Pole	3							
Bigtooth Aspen		45	Sapling	5	34						
Red Maple		15	Pole	3							
200	4126 - White, Black, N. Pin Oak	Poletimber Medium	4.9	34	51-80	N/A	This is a decent stand of maturing white oak. It was harvested in Wildwood Secord Aspen 73-058-92 which was completed in 1992. The oak regeneration is now becoming well established. Also, some tamarack is seeding in.				
Canopy Species		% Cover	Size Class	DBH	Age						
White Oak		40		8	34						
Black/Red (Hybrid) Oak		60		8	34						
201	6121 - Tamarack	Sapling Well	5.5	34	1-50	N/A	It was harvested in Wildwood Secord Aspen 73-058-92 which was completed in 1992. The stand is hummocky and rutted when it was harvested. The regeneration is patchy. The stand is very wet. The crown closure ranges from 60 to 100% with an average of 80%.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Red Maple		10	Log	1		Black/Red (Hybrid) Oak		Low	5 - 10 feet	5 - 10 feet	
Quaking Aspen		5	Sapling	5		Tamarack		Medium	5 - 10 feet	5 - 10 feet	
Black/Red (Hybrid) Oak		10	Pole	4		Deciduous Shrubs		High	5 - 10 feet	5 - 10 feet	
Tamarack		60	Pole	4	34	Red Maple		Low	5 - 10 feet	5 - 10 feet	
White Oak		3	Pole	4							
Paper Birch		12	Log	3							
202	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Poor	6.2	27	1-50	N/A	The terrain is hummocky. The stand is made up of islands in a matrix of lowland shrubs. The crown closure is around 30%.				
Canopy Species		% Cover	Size Class	DBH	Age						
Red Maple		20	Pole	4							
Tamarack		35	Pole	4							
Black/Red (Hybrid) Oak		45		6	27						
204	4199 - Other Mixed Upland Deciduous	Sapling Medium	27.9	18	Immature	N/A	It was harvested in Wildwood Aspen 73-013-03 which was completed in 2007. The stand is hummocky and rutted when it was harvested. The regeneration is patchy. The lower ground is mainly birch and aspen the higher ground is oak and aspen. The crown closure goes from 25 to 100% with an average of 60%.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Paper Birch		20	Log	1		Deciduous Shrubs		Medium	5 - 10 feet	5 - 10 feet	
Black/Red (Hybrid) Oak		50	Pole	3	18						
Quaking Aspen		27	Log	3	18						
White Oak		3	Pole	2							

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
207	4130 - Aspen	Poletimber Well	49.3	34	81-110	N/A	The stand is hummocky and it is a mixture of upland and lowland with the upland being the majority. There are inclusions of lowland shrubs as well as grassy upland. Autumn olive was planted in the stand along the old skid trails.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Maple	10	Pole	4		Tag Alder	Low		5 - 10 feet	5 - 10 feet
Paper Birch	15	Pole	3		Green Ash	Low		10 - 20 feet	10 - 20 feet
Black/Red (Hybrid) Oak	5	Pole	4		Deciduous Shrubs	Medium		5 - 10 feet	5 - 10 feet
Quaking Aspen	45	Sapling	6	34					
Bigtooth Aspen	25	Sapling	7	37					
208	6113 - Lowland Maple	Sawtimber Medium	76.5	78	51-80	N/A	The terrain is undulating to hummocky going from dryer swamp hardwoods to lowland shrubs. There are scattered areas of high-density swamp hardwoods sawlogs and areas of medium density regeneration. The ash has died off reducing the crown closure to around 50%.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Quaking Aspen	5		10		Red Maple	Low		5 - 10 feet	5 - 10 feet
Tamarack	10	Seedling	6		Green Ash	Medium		5 - 10 feet	5 - 10 feet
Black/Red (Hybrid) Oak	5		10		Black/Red (Hybrid) Oak	Low		Variable	Variable
Red Maple	75		14	78	Tag Alder	Medium		5 - 10 feet	5 - 10 feet
Paper Birch	5	Sapling	6						
209	6229 - Mixed Lowland Shrub	None	7.1			No	The stand is mainly lowland shrubs which are heavy along the edges but becomes sparse toward the center. The stand is a depression.		
210	4130 - Aspen	Poletimber Medium	24.4	34	1-50	N/A	It was harvested in Wildwood Secord Aspen 73-058-92 which was completed in 1992. It is a fine matrix of uplands and lowlands with the uplands being around 70%. The terrain is hummocky. The stand appears to have a high-water table.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Tamarack	3	Sapling	6		Tag Alder	High		5 - 10 feet	5 - 10 feet
Quaking Aspen	30	Sapling	5	34	Tamarack	Medium		5 - 10 feet	5 - 10 feet
White Pine	12		8						
Bigtooth Aspen	40	Sapling	6	34					
Black/Red (Hybrid) Oak	15	Pole	4						
213	4130 - Aspen	Poletimber Well	3.4	34	81-110	N/A	The terrain is hummocky. The stand is transitioning to poles. The crown closure is around 90%.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Bigtooth Aspen	50	Sapling	7	34	Red Maple	Medium		10 - 20 feet	10 - 20 feet
Quaking Aspen	30	Sapling	6	34	Common Blackberry	High		< 5 feet	< 5 feet
Red Maple	20	Sapling	5		Deciduous Shrubs	Low		5 - 10 feet	5 - 10 feet
					Green Ash	Low		10 - 20 feet	10 - 20 feet
216	4131 - Aspen, Oak	Poletimber Medium	13.3	41	51-80	N/A	The stand is variable with areas that are well stock and places that are non-stocked. The terrain is hummocky. There are wet areas, even if much of the stand is a ridge.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Maple	10		8		Common Blackberry	Medium		5 - 10 feet	5 - 10 feet
Tamarack	10	Sapling	6		Sweet Fern	Low		5 - 10 feet	5 - 10 feet
Bigtooth Aspen	15	Sapling	7	41	Black/Red (Hybrid) Oak	Medium		Variable	Variable
Quaking Aspen	35	Sapling	7	41					
Black/Red (Hybrid) Oak	30		5						

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments					
226	6239 - Mixed Emergent Wetland	None	6.6			No	It was harvested in Wildwood Aspen 73-013-03 which was completed in 2007. After the harvest it did not regenerate well. The crown closure is below 25%. There is significant cattails and marsh grass present. Overall, the stand is very wet.					
								Sub-Canopy Species	Density	Avg. Height	Size	
								Tag Alder	Medium	5 - 10 feet	5 - 10 feet	
								Quaking Aspen	Low	10 - 20 feet	10 - 20 feet	
								Cattail spp.	Full	Not Applicable	Not Applicable	
								Red Maple	Low	10 - 20 feet	10 - 20 feet	
227	4131 - Aspen, Oak	Sapling Poor	6.0	14	Immature	N/A	It was harvested in Wildwood Aspen 73-013-03 which was completed in 2007. The regeneration is fair to poor. The oak in the stand is just becoming established. The open areas are heavy to bracken fern and blueberry. There is also some white pine regeneration coming in. The north end is wetter. The crown closure goes from 0 to 100% with an average of 45%.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Red Maple	10	Log	2	
								Black/Red (Hybrid) Oak	25	Log	2	
								Bigtooth Aspen	58	Log	2	14
								White Pine	7	Pole	3	
228	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	6.1	75	81-110	N/A	The stand is very wet and hummocky. It was swapped with stand 234 when stand 226 and 227 were harvested in Wildwood Aspen 73-013-03 which was completed in 2007. The crown closure goes from 10 to 100% with an average of 65%. The terrain is hummocky. The understory shrubs are heavy to leather leaf and dogwood.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Paper Birch	10	Sapling	5	
								White Pine	10		10	
								Tamarack	20	Sapling	6	
								Black/Red (Hybrid) Oak	10	Sapling	6	
								Black Spruce	30		6	75
229	4130 - Aspen	Poletimber Well	12.5	54	81-110	N/A	The stand is a mix of uplands and lowlands with the uplands being the majority. Most of the wetter ground is along the east side.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Quaking Aspen	20	Seedling	7	
								Red Maple	15	Sapling	7	
								Bigtooth Aspen	50	Seedling	8	54
								Paper Birch	5	Sapling	6	
								White Pine	10		12	
230	6224 - Treed Bog	None	5.1			No	The stand is mainly leatherleaf mixed with lowland shrubs. There are some trees in the southern 1/3.					
								Sub-Canopy Species	Density	Avg. Height	Size	
								Leatherleaf	High	5 - 10 feet	5 - 10 feet	
231	4130 - Aspen	Poletimber Well	19.5	32	81-110	N/A	The stand is a mixture of uplands and lowlands with the uplands making up about 75%. The stand was harvested in Secord Surrounded 73-054-91 which was completed in 1994. There is significant birch along the trail. There are some opening at the southeast end.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Red Maple	10	Pole	4	
								Paper Birch	15	Log	3	
								Bigtooth Aspen	50	Sapling	5	32
								Black/Red (Hybrid) Oak	5	Pole	3	
								Quaking Aspen	20	Sapling	5	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
232	6113 - Lowland Maple		Sawtimber Poor	10.5	99	1-50	N/A	The stand is variable with pockets of cattails and areas of dense swamp hardwoods. It is very wet, and the terrain is hummocky. The ash component is dead leaving the maple sawlog overstory and the maple sapling to become the canopy. The crown closure is now around 35%.		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
	Red Maple	100		12	99	Tag Alder	Medium		5 - 10 feet	5 - 10 feet
						Red Maple	Medium		Variable	Variable
						Deciduous Shrubs	Medium		5 - 10 feet	5 - 10 feet
233	4130 - Aspen		Poletimber Medium	7.5	54	51-80	N/A	The stand is a mixture of upland and lowland with the lowland making up about 20%. All the ash is gone. The crown closure in the drainages, because of the ash die off, is less than 30%. The overall crown closure is around 90%. The terrain is hummocky.		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
	Paper Birch	10	Sapling	6		Tag Alder	Low		5 - 10 feet	5 - 10 feet
	Quaking Aspen	35		8	54	Serviceberry (Juneberry)	Low		5 - 10 feet	5 - 10 feet
	Balsam Fir	10	Sapling	6		Red Maple	Low		Variable	Variable
	Bigtooth Aspen	25		9						
	Red Maple	20	Seedling	6						
234	4130 - Aspen		Sapling Medium	3.1	8	Immature	N/A	It was harvested in Wildwood Aspen 73-013-03 which was completed in 2007. It was swapped for stand 228. The stand was harvested but the regeneration is poor and confined to the upland pockets. The terrain is hummocky. The crown closure is 15-100% with an average of 60%.		
	Canopy Species	% Cover	Size Class	DBH	Age					
	Bigtooth Aspen	60	Log	1	8					
	Paper Birch	30	Log	1						
	Red Maple	10	Log	1						
235	4130 - Aspen		Poletimber Well	22.6	32	81-110	N/A	The stand was harvested in Secord Surrounded 73-054-91 which was completed in 1994. The terrain is hummocky. There is a drainage in the stand that has a low density of trees. The birch in the stand is concentrated on the lower ground and along the trail. There is a trace of white pine and fir in the overstory and understory.		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
	White Pine	8	Sapling	6		Black/Red (Hybrid) Oak	Low		10 - 20 feet	10 - 20 feet
	Balsam Fir	2	Pole	4		Deciduous Shrubs	Medium		5 - 10 feet	5 - 10 feet
	Red Maple	10	Sapling	5						
	Quaking Aspen	30	Sapling	6	32					
	Paper Birch	10	Sapling	5						
	Bigtooth Aspen	40	Sapling	6	32					
236	4130 - Aspen		Sapling Well	25.8	18	Immature	N/A	The stand was harvested in Wildwood Aspen 73-013-03 which was completed in 2007. Balsam fir and white pine were left along Three Rivers Road as a visual buffer. There is also a narrow depression of swamp hardwood that was thinned in the stand. However, the area is not of sufficient size to be its own stand. The crown closure is now greater than 75%. The soils are a mix of upland and lowland at about a 60/40 mix. There is a high-water table in most of the stand. There are also inclusions of cattails and marsh grass.		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
	Black/Red (Hybrid) Oak	5	Log	1		Deciduous Shrubs	Medium		5 - 10 feet	5 - 10 feet
	Green Ash	5	Log	1						
	Red Maple	15	Log	1						
	Bigtooth Aspen	15	Log	2	18					
	Quaking Aspen	60	Log	2	18					

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
237	6112 - Lowland Aspen	Poletimber Well	32.4	41	81-110	N/A	It was harvested in Wildwood Secord Aspen 73-058-92 which was completed in 1992. Some of the area was heavily rutted when the stand was harvested. The ash in the stand has EAB once it gets to be 3 inches or more in diameter. There is still a significant amount of ash regeneration. The stand is a mix of uplands and lowland at about a 40/60 mix.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Green Ash	5	Log	3		Musclewood/Hornbeam	Low		10 - 20 feet	10 - 20 feet
Quaking Aspen	80	Seedling	7	41	Deciduous Shrubs	Medium		5 - 10 feet	5 - 10 feet
Paper Birch	5	Sapling	5		Tag Alder	Medium		5 - 10 feet	5 - 10 feet
Red Maple	10	Sapling	6		White Pine	Low		Variable	Variable
					Red Maple	Medium		Variable	Variable
					Green Ash	Low		10 - 20 feet	10 - 20 feet
238	6119 - Mixed Lowland Deciduous Forest	Sapling Medium	9.3	32	51-80	N/A	The stand was harvested in Secord Surrounded 73-054-91 Which was completed in 1994. The stand is a matrix of uplands and lowlands with the lowlands making up about 40%. The stand has a slight ridge through the center. The aspen is mainly in the eastern end of the stand. The stand has a crown closure of around 75%.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Maple	15	Log	2		Deciduous Shrubs	High		5 - 10 feet	5 - 10 feet
Balsam Fir	10	Pole	3		Tag Alder	Medium		5 - 10 feet	5 - 10 feet
Quaking Aspen	35	Pole	4	32					
Paper Birch	35	Pole	3						
Musclewood/Hornbeam	2	Log	2						
Swamp White Oak	3	Log	2						
239	6113 - Lowland Maple	Sawtimber Medium	17.4	78	1-50	N/A	Ash is dead and down. The aspen is also declining. The crown closure is around 30%.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Maple	85		11	78	Red Maple	Medium		Variable	Variable
Black/Red (Hybrid) Oak	8		13		Green Ash	High		5 - 10 feet	5 - 10 feet
Paper Birch	2	Sapling	5		Black Ash	Low		5 - 10 feet	5 - 10 feet
Quaking Aspen	5		12		Deciduous Shrubs	High		5 - 10 feet	5 - 10 feet
241	6131 - Hemlock, White Pine, Maple, Birch	Sawtimber Well	5.6	111	81-110	N/A	This is an area between the flood plain and the upper bluff that over looks the Molasses River. The west edge is very steep and drops to a gentle slope. There are numerous springs coming out of the steep bank so on the whole the stand is quite wet.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
White Pine	30		13	111	White Pine	Low		10 - 20 feet	10 - 20 feet
Tamarack	20		10		Red Maple	Low		>20 feet	>20 feet
Paper Birch	5	Seedling	6						
242	42310 - Planted Spruce	Poletimber Poor	185.9	62	1-50	N/A	The crown closure is around 40% overall, but ranges from 10 to 100%. There is some mortality in the overstory across all species. There is significant regeneration of oak, but it is not established. The spruce and red pine is concentrated in the southern 2/3, and in the northern 1/3 is heavy to aspen. The area had a hand planting of white spruce done in 1963 which are now well into pole size and self-pruning. The stand was harvested in Cook's Camp Pine sale 73-004-17 in December of 2020.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
White Spruce	65		7	62	Bigtooth Aspen	Medium		5 - 10 feet	5 - 10 feet
Jack Pine	5	Seedling	6		Black/Red (Hybrid) Oak	Medium		5 - 10 feet	5 - 10 feet
Black/Red (Hybrid) Oak	10		12		White Pine	Low		5 - 10 feet	5 - 10 feet
Red Pine	20		9		Red Maple	Low		5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
243	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	25.4	42	81-110	N/A	The stand has some mortality in the oak and fir. There is a lot of stem breakage in the jack pine mainly at galls. The spruce is heavier west of the road and jack pine to the east. The open areas have significant regeneration heavy to oak and pine. The crown closure goes from 30 to 100% but averages 75%.																																																		
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245	4131 - Aspen, Oak	Sapling Well	64.0	19	Immature	N/A	The stand was harvested in Secord Ending 73-033-02 which was completed in 2006. It is regenerating well and filling in with jack pine. The crown closure goes from 65 to 100%.																																																		
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247	4130 - Aspen	Poletimber Well	15.5	33	Immature	N/A	Timber sale was completed November 3, 2011, in sale USA Jack Pine 73-013-11. There are some standing older oak poles that helped increase the DBH average of 2 inches. The crown closure goes from 50-100% and averages 65%. The aspen goes from bigtooth aspen in the south and quaking aspen in the north. The site index gets lower going north. The wetness also increases going north.																																																		
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248	4199 - Other Mixed Upland Deciduous	Sapling Medium	39.9	14	Immature	N/A																																																			
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249	4131 - Aspen, Oak	Sapling Well	13.4	33	1-50	N/A	The stand has some overstory of mast oak. It has some small wet areas. The aspen is mainly in the west end and is heavier to bigtooth aspen. The east end is heavier to oak.																																																		
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
251	4199 - Other Mixed Upland Deciduous	Sapling Well	10.6	19	Immature	N/A	The stand was harvested in Second Ending 73-033-02 which was completed in 2006. The harvest retained oak 5" DBH and less. It has regenerated fairly well and is now an A3. The south end has more white oak and the north end has more hybrid oak. The crown closure goes from 60-100% but averages 80%.																																																		
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252	4131 - Aspen, Oak	Poletimber Well	30.6	33	1-50	N/A	The Ground cover is heavy to bracken fern. The terrain is hummocky. There are areas of uplands and lowlands. The diameter along the east side is smaller than the rest of the stand. In addition, the stand has a greater amount of jack pine and oak going east.																																																		
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253	4130 - Aspen	Sapling Medium	26.8	6	Immature	N/A	The stand was harvested under contract 73-010-17, Spring Fawn Mix during the fall of 2019. The crown closure goes from 30-100% and averages 70%. It is expected to have a crown closure of 100% in 10 years.																																																		
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254	6229 - Mixed Lowland Shrub	None	173.5			No	The stand is mostly tag alder. There are some dryer ridges that are forested. There is also an old roadbed through the stand.																																																		
256	4125 - Black, N. Pin Oak	Sapling Poor	11.4	5	Immature	N/A	This is a low wet stand. It was harvested in Cook's Camp Pine sale 73-004-17, which was completed in December 2020. The oak regeneration is coming in, but it is not established. Overall, the crown closure is around 50%.																																																		
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257	4199 - Other Mixed Upland Deciduous	Poletimber Well	21.3	38	51-80	N/A	The stand was harvested in Hi-Point 73-027-84 which was completed in 1987. The aspen in the stand is a mixture of bigtooth and trembling. There are other species present in the stand as well, being oak and jack pine. It appears when the stand was harvested it was a 4" DBH cut leaving some oak and other species. Overall, the stand is and A3. There are some pockets of G-Type in the stand toward the north end, but these were left as part of the stand. In addition, it was noted that the diameter of the trees increases a little going north in the stand.																																																		
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
259	6126 - Lowland Jack Pine	Sapling Medium	27.0	27	Immature	N/A	Lowland jack pine. Numerous small boggy areas; leather leaf, peat moss, lowland brush.																																										
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260	4130 - Aspen	Sapling Well	24.1	27	Immature	N/A	The stand was harvested in Bumpy Road Access 73-009-92 which was completed in 1998. It has a lot of jack pine along the trail, but the interior is heavier to aspen. There are inclusions of low ground throughout the stand, but the majority is upland.																																										
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261	4311 - Pine, Aspen Mix	Poletimber Well	21.8	51	51-80	N/A	The stand has decent jack pine with aspen coming through the conifer crown. The ridge has oak saw on it.																																										
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262	6126 - Lowland Jack Pine	Poletimber Well	17.9	55	51-80	N/A	The terrain in the stand is hummocky and the soils are wet. The ground cover is a mix of bracken fern, sheep laurel, and huckleberry. The stand is boggy.																																										
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263	4130 - Aspen	Poletimber Well	6.4	35	Unspecified	N/A	This is a well-stocked stand just coming into poles. The species mix is oak, jack pine, and maple. The crown closure is around 75%.																																										
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264	6126 - Lowland Jack Pine	Sapling Medium	10.8	15	Immature	N/A	The stand was harvested in Second Ending 73-033-02 which was completed in 2006. It was planted to jack pine 5/2010, FTP C73-806. The jack pine looks healthy and vigorous.																																										
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265	42220 - Natural Jack Pine	Poletimber Well			26.5	38	81-110	N/A	The terrain is hummocky, and it is a mixture of uplands and lowlands. The mix is about 50/50. A few small pockets of the stand are more mature jack pine and aspen. However, these are too small in acreage or BA to be standalone sale units. Recommend harvest entire stand once all the jack pine reaches maturity at 60 years of age.																																																							
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266	4222 - Natural Jack Pine	Unspecified			8.0	19			The stand was harvested in Secord Ending 73-033-02 which was completed in 2006. Overall, the stand is poorly stocked and is too wet to trench and plant. It is however, seeding in with jack pine and birch. The stand is getting closer to being medium stocked.																																																							
268	6121 - Tamarack	Poletimber Poor			6.2	45	111-140	N/A	The stand is too wet to harvest overall. It does have some upland ridges and islands. The main ridge is along the north line and the islands are scattered. The uplands are heavy to pole/saw red pine.																																																							
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269	6233 - Wet Meadow	None			36.6			No	The stand is mainly a sedge meadow with pockets of leather leaf and blueberry. There are also some scattered tamarack, jack pine, and red pine. These are often in small islands.																																																							
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270	6126 - Lowland Jack Pine	Poletimber Medium			22.1	70	1-50	N/A	This stand has well stocked islands of jack pine with the ground cover of blueberry and leather leaf surrounded by marsh. The overstory in many places is dying and being replaced with tamarack. Factor limit the stand as Too wet.																																																							
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271	4133 - Aspen, Mixed Pine	Poletimber Medium			8.7	38	81-110	N/A	The stand was harvested leaving mast oak and trees less than 4" DBH. It follows a wide upland sandy ridge. Currently the stand is a mixture of aspen and oak regeneration with jack pine. The oak is more pronounced toward the north end and aspen in the south end. The aspen is a mixture of bigtooth and quaking. The overall crown closure goes from 40-90% with an average of 60%.																																																							
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
272	6126 - Lowland Jack Pine	Poletimber Well	106.5	70	81-110	N/A	This stand is very wet. The red pine is growing on the slightly higher sandy ridges. The stand has small diameters with a ground cover of leather leaf and sphagnum. Overall, Factor limit the stand as Too wet.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Jack Pine		90		7	70	Blueberry/Bilberry/Cranberry		High	5 - 10 feet	5 - 10 feet
Red Pine		10		11						
273	42220 - Natural Jack Pine	Poletimber Well	18.2	27	Immature	N/A	The stand was harvested in Bumpy Road Access 73-009-92 which was completed in 1998. It is an upland sandy ridge surrounded by lowland jack pine stands and marsh. The ridge is mainly on the west side. The stand gets wetter on the east side It is transitioning to poles.			
Canopy Species		% Cover	Size Class	DBH	Age					
Black/Red (Hybrid) Oak		8	Pole	4						
White Oak		2	Pole	4						
Jack Pine		90	Sapling	5	27					
274	42220 - Natural Jack Pine	Sapling Medium	8.7	19	Immature	N/A	The stand was harvested in Secord Ending 73-033-02 which was completed in 2006. It is mainly a ridge that slopes down to leather leaf. The crown closure goes from 0-100% and averages 50%.			
Canopy Species		% Cover	Size Class	DBH	Age					
Black/Red (Hybrid) Oak		25	Log	3	19					
Jack Pine		75	Pole	3	19					
275	613 - Lowland Mixed Forest	Unspecifed	35.9	5	Immature		The stand was harvested in Cook's Camp Pine sale 73-004-17 in December 2020. The stand is very hummocky and wet in places. Ground cover species of leather leaf and blueberry and bracken fern dominate. There are numerous easterly flows that cross the stand in the Spring. The southern unit has regenerated to a low to medium stocking of jack pineThe central unit is non-forested with pockets of oak regeneration that is not established.The northern unit is a little dryer and has more oak regeneration, but it is still not established.			
281	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Poor	38.4	111	51-80	N/A	The stand is a Riparian buffer zone and wildlife travel corridor. There are large pockets of lowland conifer with alternate areas of alder/willow and red maple. Factor limit the stand as Too wet.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Northern White Cedar		15		8		Tag Alder		High	5 - 10 feet	5 - 10 feet
White Pine		25		18		Willow spp.		Medium	5 - 10 feet	5 - 10 feet
Hemlock		35		9	111					
Red Maple		25		9						
282	4130 - Aspen	Poletimber Well	6.0	34	51-80	N/A	The terrain is slightly hummocky. It looks like beaver have removed most of the aspen along the river. This area is now heavy to oak.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Choke Cherry		3	Log	3		Black/Red (Hybrid) Oak		Medium	10 - 20 feet	10 - 20 feet
Black/Red (Hybrid) Oak		15	Pole	4		White Oak		Full	10 - 20 feet	10 - 20 feet
Bigtooth Aspen		50	Sapling	6	34	Dogwood (spp.)		Low	5 - 10 feet	5 - 10 feet
White Pine		2	Log	2		Red Maple		Low	5 - 10 feet	5 - 10 feet
Jack Pine		5	Sapling	7		Blackberry/Raspberry		Medium	5 - 10 feet	5 - 10 feet
Quaking Aspen		25	Sapling	5	34					

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
283	4130 - Aspen	Sapling Well	15.6	24	Immature	N/A	The crown closure goes from 30 to 100% but averages around 60%. The stand is transitioning into poles.																																																			
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285	4131 - Aspen, Oak	Poletimber Well	28.7	28	1-50	N/A	The stand was harvested in the winter of 95/96 in Sterling Aspen sale 73-013-94. It is mainly uplands. However, it gets noticeable wetter going north. The stand is now transitioning into poles. Beaver activity has converted the eastern edge to oak. There is paper birch in the stand is concentrated in the lower wetter ground along with tag alder. There is significant pine in the south end.																																																			
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287	4130 - Aspen	Sapling Medium	25.2	6	Immature	N/A	The stand is a mixture of bigtooth and quaking aspen. It is a matrix of uplands and lowlands with the uplands being the majority. The stand was harvested in Two Jake Aspen sale 73-017-17 which was cut 10/2019. The stem density is good along the road, but the stand becomes poorly stocked in the southern 1/3. The average crown closure is around 55% but goes from 0-100%.																																																			
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289	6113 - Lowland Maple	Poletimber Medium	14.3	44	51-80	N/A	The stand is a matrix of uplands and lowlands with the lowlands being the majority. The tree density is variable going from well stocked to non-stocked. The stand is moving into poles. The central portion of the stand is more of a lowland shrub type.																																																			
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291	4199 - Other Mixed Upland Deciduous	Sapling Well	12.9	17	Immature	N/A	The stand was final harvested in 2007. It is a matrix of uplands and lowlands with the uplands being the majority. There is a ridge that runs through the stand. The regeneration is not uniformly distributed. When it was harvested the oak and some of the red and white pines were retained.																																																			
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
294	4131 - Aspen, Oak	Poletimber Well	23.8	38	51-80	N/A	The stand was harvested in Grouse Plus sale 73-039-84 which was completed in 1986. It is mainly uplands with some small inclusion of lowlands. The density is variable and goes from high density in the east to moderate to low density to the west. The stand is more aspen east and more oak west. There is a drainage flowing through the stand that is too wet to harvest.			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Red Maple		3		8		Red Maple		Medium	10 - 20 feet	10 - 20 feet
Black/Red (Hybrid) Oak		50	Sapling	7	38	White Oak		Low	10 - 20 feet	10 - 20 feet
Quaking Aspen		25	Sapling	7	38	Tag Alder		Low	5 - 10 feet	5 - 10 feet
White Oak		2	Sapling	7						
Paper Birch		5	Sapling	6						
Bigtooth Aspen		15	Seedling	8	38					
295	4130 - Aspen	Sapling Medium	71.6	6	Immature	N/A	The stand was harvested in Two Jake Aspen sale 73-017-17 which was cut 10/2019. It is sparse at the north end. There is significant oak regeneration but most of it is below the bracken fern, so it is not established. The retained birch is 95% dead. The retained white pine in the southern end. The crown closure goes from 5-100% and averages around 70%. It is expected to be fully stocked in 10 years. There are several drainages going through the stand.			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>					
Quaking Aspen		60	Log	1	6					
Black/Red (Hybrid) Oak		5	Log	1						
Red Maple		5	Log	1						
Bigtooth Aspen		20	Log	1	6					
White Pine		10	Sapling	5						