



Compartment Review Presentation

Escanaba Forest Management Unit

Compartment 33075

Entry Year 2025

Acreage: 1,921

County Delta

Management Area: Green Bay

Stand Examiner: Dan Racine

Legal Description:

T37N, R24W, SECTIONS 28, 29, 30

Identified Planning Goals:

The majority of the lowland cover type within this compartment is cedar and the other lowland cover types are mixed lowland deciduous and conifer. The majority of the upland cover type is hemlock with a mix of pine, spruce, and mixed deciduous species. The other upland cover types within this compartment are a mix of aspen, upland conifer and deciduous species. The treatments within the lowland types are mixed lowland conifer and deciduous stands with less cedar cover type percentage. The treatments within the upland cover types are within the aspen, northern hardwoods, mixed upland deciduous, and hemlock stands with mixed pine and deciduous species. Treatments within this compartment with a hemlock component have produced hemlock regeneration. Several stands are on an existing contract expiring on 12/31/2023.

Soil and topography:

The terrain throughout this block is generally flat with intermittent ridges which are generally oriented in an east and west direction. The soil is generally sandy throughout the compartment. The better soils, mostly the hardwood types are the Onaway fine sandy loams. The remaining area is a complex mixture of poorly drained soils, mostly Roscommon sands, associated with the Carbondale mucks and several intermittent Rubicon sand ridges.

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

This block of state land is surrounded by additional state land to the north, south, west, with private and state land bordering the east.

Unique Natural Features:

No Unique Natural Features known.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

None.

Watershed and Fisheries Considerations:

This compartment does not contain any lakes or streams. However, there are a number of wetland areas that should have a 100' buffer in accordance with BMPs.

Wildlife Habitat Considerations:

Compartment 75 is part of the Green Bay Lake Plain Management Area. This area demonstrates a natural propensity to grow white pine and balsam fir (both are common in the understory of many aspen and maple stands within the management area). These conifer species will be encouraged, where appropriate. Cedar and hemlock provide important wildlife habitat, but unfortunately, regeneration of both species is difficult. This management area represents more than 25% of the hemlock resource and almost 20% of the cedar resource on state forest land in the western Upper Peninsula. The primary focus of wildlife habitat management will be to address the habitat requirements identified for the following featured species: blackburnian warbler, red shoulder hawk, ruffed grouse, white-tailed deer, wild turkey and wood duck. Some of the most significant wildlife management issues in the management area are: within-stand diversity; mesic conifer; mature forest; habitat fragmentation; mast; forest openings; mast (hard); retain or, if absent, develop large living and dead standing trees (for cavities, especially near water); deer wintering complexes; and mature forest.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production in this part of the state. No active sand & gravel pits are known to occur in the area, and potential for sand & gravel development within the compartment is considered low. Some remote geophysical surveys covering this area have been conducted, but there is no evidence of past ground-based mineral exploration in the area. There may be potential for iron ore or other metallic and critical minerals beneath the

compartment, but they would occur at significant depth and may not have significant economic value. Additional research is needed. There is no current leasing activity involving State-owned mineral rights in the area.

Vehicle Access:

Access is good for this compartment, as the Limpert road and Seven Mile Marsh roads are located within this block.

Survey Needs:

None

Recreational Facilities and Opportunities:

Hunting, trapping, camping opportunities are plentiful within this compartment. The Forest Islands ORV trail is located within this compartment which provides for the opportunity of four wheeling throughout this compartment.

Fire Protection:

If a fire should get started in this area, the road system that runs through this area should allow access to keep the fire potential small.

Additional Compartment Information:

The following reports from the Inventory are attached:

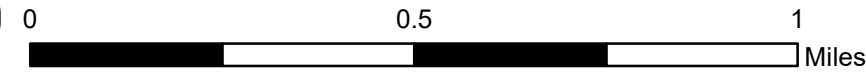
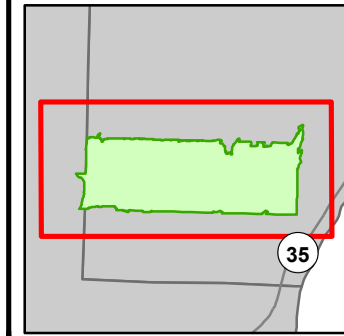
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

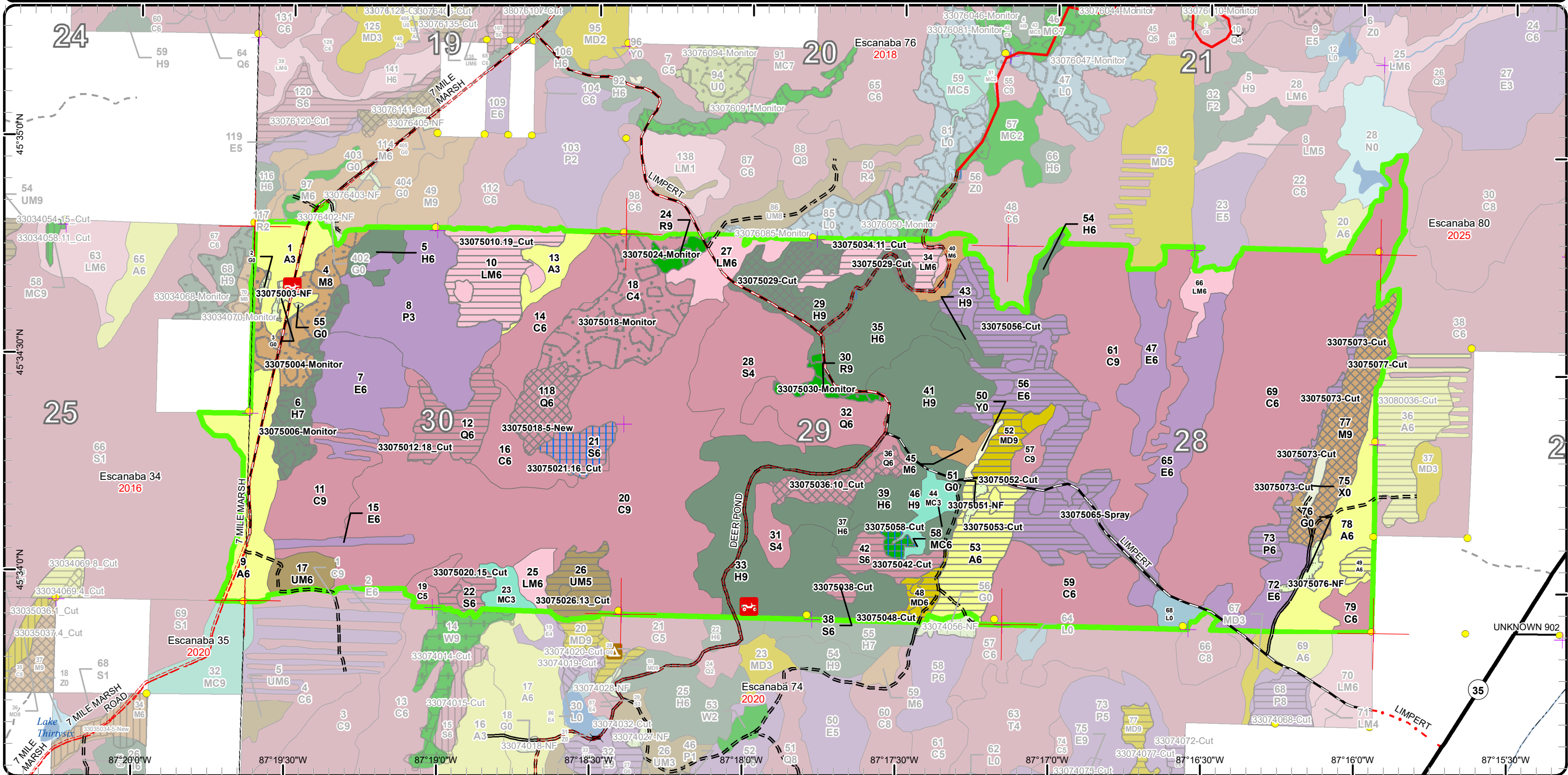
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 75
 T37N-R24W Sec. 28-30
 County: Delta
 Unit: Escanaba
 Mgmt Area: Green Bay
 YOE: 2025
 Acres: 1921.3 GIS Calculated
 Examiner: Dan Racine
 Map Revised: 6/26/2023
 Map Phase: Web-Post

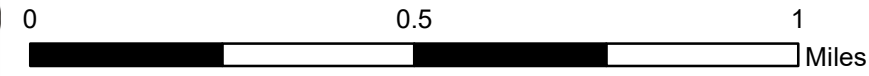
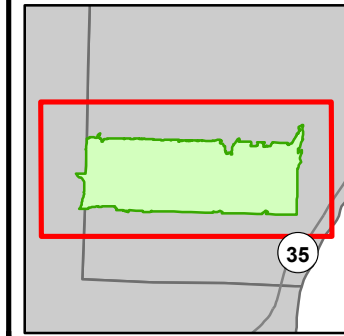


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- ORV Routes
- Designated ATV Trails
- Designated ORV Route
- ▲ Berms
- ⊗ Bridges
- ⊗ Culvert
- ▲ Campground
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- Compartment Boundary
- Pesticide
- Other Treatment - See Comments
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Seed Tree (w/Reserves)
- Regeneration Survey
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 622 - Lowland Shrub
- 710 - Sand/Soil
- 790 - Other Bare/Sparsely Vegetated

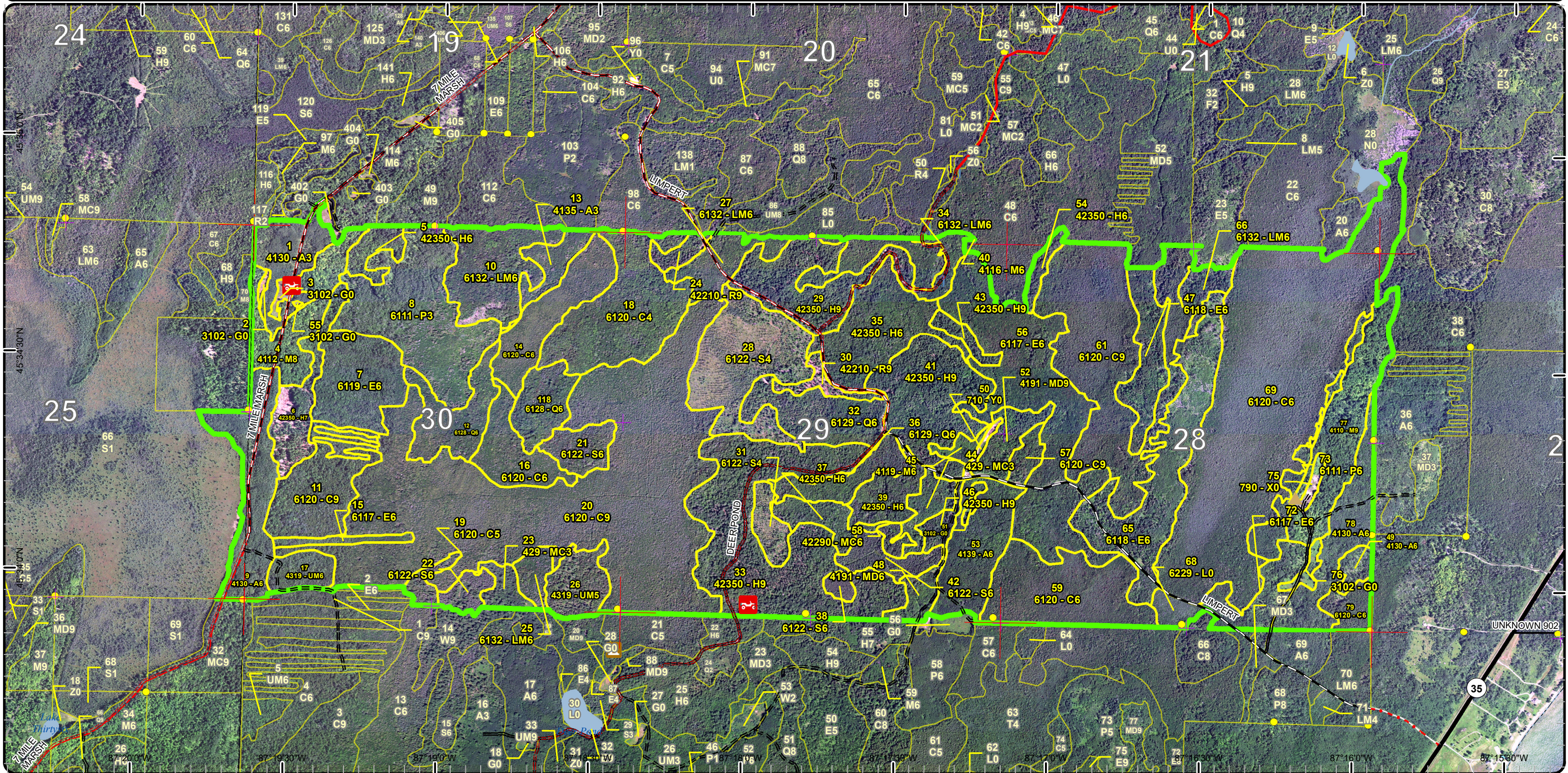


Stand Boundary Map

Compartment: 75
 T37N-R24W Sec. 28-30
 County: Delta
 Unit: Escanaba
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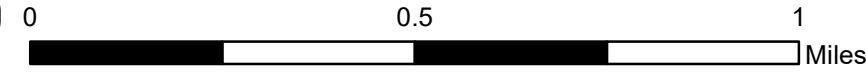


- Miris Corners
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- Counties
- DNR - Primary Forest Road
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- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Ⓞ ORV Routes
- Designated ATV Trails
- Designated ORV Route
- ▲ Berms
- Ⓜ Bridges
- Ⓜ Culvert
- ▲ Campground
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- Compartment Boundary
- Stand Boundaries
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 622 - Lowland Shrub
- 710 - Sand/Soil
- 790 - Other Bare/Sparingly Vegetated
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines

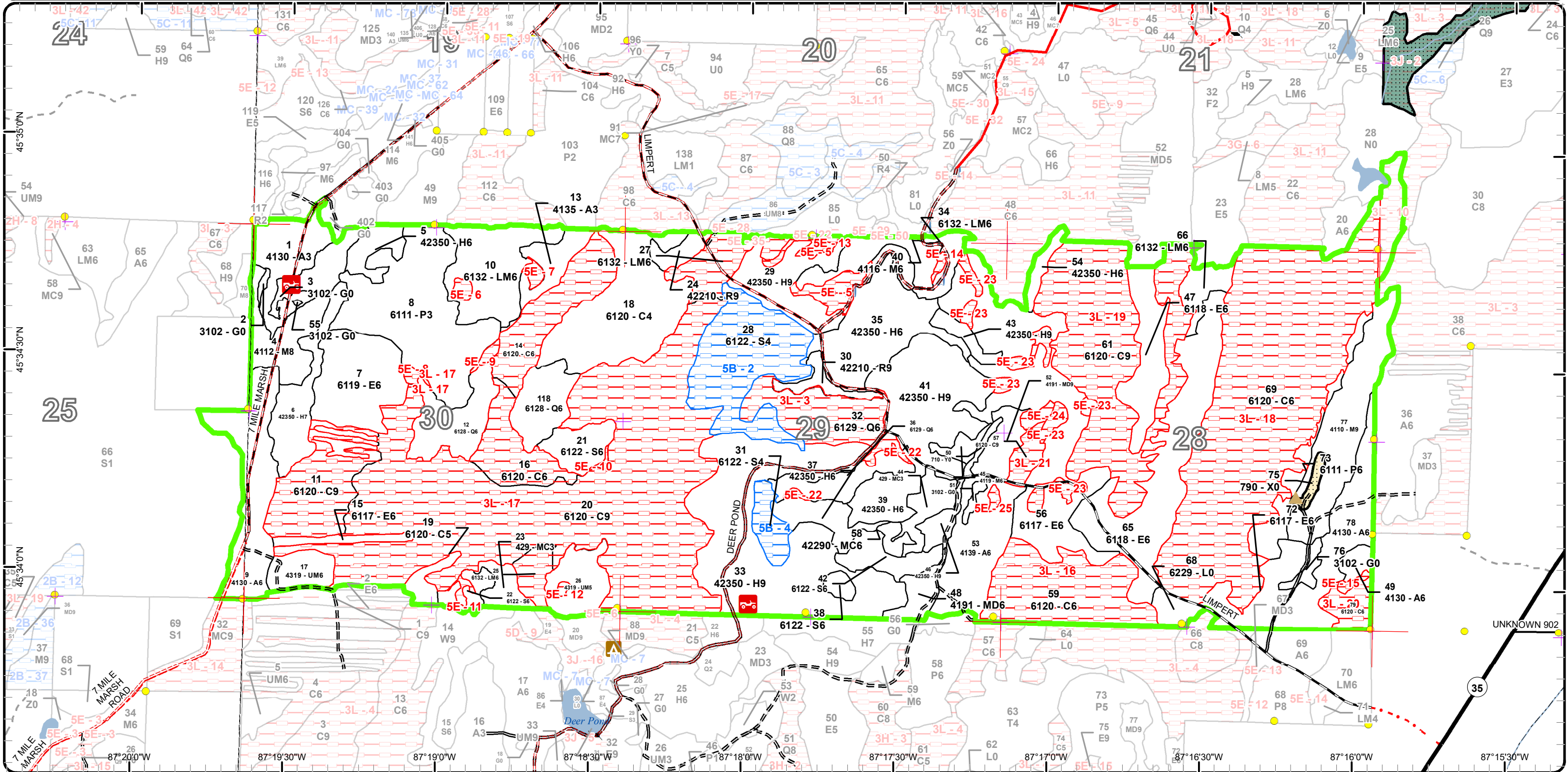


Special Conservation Areas

Compartment: 75
 T37N-R24W Sec. 28-30
 County: Delta
 Unit: Escanaba
 Mgmt Area: Green Bay
 YOE: 2025
 Acres: 1921.3 GIS Calculated
 Examiner: Dan Racine
 Map Revised: 6/26/2023
 Map Phase: Web-Post



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- DNR - Primary Forest Road
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- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- ORV Routes
- Designated ATV Trails
- Designated ORV Route
- ▲ Berms
- ▲ Bridges
- ▲ Culvert
- ▲ Campground
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- Stand Boundaries
- SCA
- Cold Water Streams
- Cold Water Lakes
- Vernal Pool
- Sand or Gravel Pit



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	0	0	34	30	71	5	0	0	0	0	0	0	0	0	0	0	0	139
Bare/Sparsely Vegetated	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Cedar	0	0	0	0	0	0	0	0	0	0	0	451	119	144	33	0	0	0	747
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	34	218	38	0	0	0	290
Herbaceous Openland	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Lowland Aspen/Balsam Poplar	0	0	0	66	0	13	0	0	0	0	0	0	0	0	0	0	0	0	79
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	24	17	16	28	0	0	0	85
Lowland Deciduous	0	0	0	77	0	43	0	22	0	0	87	0	0	0	0	0	0	0	229
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	16	0	24	9	35	0	0	0	83
Lowland Shrub	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	15	12	9	59	0	0	0	0	0	0	95
Mixed Upland Deciduous	0	0	0	0	0	8	0	0	12	0	0	0	0	0	0	0	0	0	20
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3
Northern Hardwood	0	0	0	0	7	4	0	0	0	67	0	0	0	0	0	0	0	0	78
Red Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	11
Sand, Soil	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Upland Conifers	0	0	0	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Upland Mixed Forest	0	0	0	0	0	0	10	0	0	16	0	0	0	0	0	0	0	0	26
Total	19	0	0	187	44	139	15	22	27	95	112	534	194	401	134	0	0	0	1921



Report 2 – Treatment Summary

Escanaba Mgt. Unit

Year of Entry: 2025

Acres of Harvest

Compartment 75

Total Compartment Acres: 1,921

Commercial Harvest - 352
 Harvests with Site Condition - 0
 Next Step Harvest - 0
 Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	35	0	0	0	0	0	0	0	0	35
Cedar	0	17	0	0	0	0	0	0	0	17
Hemlock	0	28	0	0	0	0	0	0	0	28
Lowland Aspen/Balsam Poplar	13	0	0	0	0	0	0	0	0	13
Lowland Conifers	21	13	0	0	0	0	0	0	0	34
Lowland Deciduous	73	0	0	0	0	0	0	0	0	73
Lowland Mixed Forest	46	0	0	0	0	0	0	0	0	46
Lowland Spruce/Fir	21	0	0	12	0	0	0	0	0	32
Mixed Upland Deciduous	17	0	0	0	0	0	0	0	0	17
Natural Mixed Pines	0	0	0	3	0	0	0	0	0	3
Northern Hardwood	0	39	0	0	0	0	0	0	0	39
Upland Mixed Forest	16	0	0	0	0	0	0	0	0	16
Total	241	97	0	15	0	0	0	0	0	352

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	352	0	0	0	0	3	112	0	8	475
Next Step	0	0	0	0	0	0	383	0	0	383
Total	352	0	0	0	0	3	495	0	8	858



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

2	33075002-NF	0.9	3102 - Grass	Nonstocked		Immature	NonForestMgt	Other - Specify	310 - Herbaceous Openland		No
<p><u>Prescription Specs:</u> Prescribed fire, farming (dozing, disking, raking, herbiciding, seeding (native or naturalized species only), fertilizing and liming, brushhog/saw removal of competing trees and establishment of native hard and soft mast producers such as red oak, crabapple or others. Also sharecropping could be considered for this opening.</p> <p><u>Next Step Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p>Proposed Start Date: 8 /30/2023</p>											
3	33075003-NF	1.8	3102 - Grass	Nonstocked			NonForestMgt	Other - Specify	310 - Herbaceous Openland		No
<p><u>Prescription Specs:</u> Prescribed fire, farming (dozing, disking, raking, herbiciding, seeding (native or naturalized species only), fertilizing and liming, brushhog/saw removal of competing trees and establishment of native hard and soft mast producers such as red oak, crabapple or others. Also sharecropping could be considered for this opening.</p> <p><u>Next Step Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p>Proposed Start Date: 8 /30/2023</p>											
29	33075029-Cut	27.8	42350 - Upland Hemlock	Sawtimber Well	137	171-200	Harvest	Group Selection	4319 - Mixed Upland Forest	Even-Aged	No
<p><u>Prescription Specs:</u> Group Selection: Harvest all trees except hemlock and cedar. Mark scattered pine leaf trees in the harvest area. Hemlock exception spec in the harvest area to allow only those hemlock necessary to harvest the designated species. Retention is areas of greater than 50% hemlock and approximate. Placement determined at time of sale prep.</p> <p>This stand is in conditional deer wintering range and has a canopy composition of 50% hemlock. However, hemlock is not uniformly distributed, and retention has been designated in areas with greater than 50% canopy coverage. WLD and FRD are in agreement that hemlock may only be cut for operational purposes in the rest of the stand.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Intermediate); Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Monitor the regeneration of the overstory species.</p> <p><u>Other Comment:</u> Create a regeneration plan to monitor the regeneration of hemlock and mixed upland forest species utilizing the regeneration survey. Long term monitor the success of the hemlock before any subsequent treatments in the hemlock stands within the compartment.</p> <p><u>Site Condition</u></p> <p>Proposed Start Date: 10/1 /2024</p>											



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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38	33075038-Cut	3.1	6122 - Black Spruce	Poletimber Well	75	Unspec ified	Harvest	Clearcut	6122 - Black Spruce	Even-Aged	No
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Prescription Clearcut: Cut all trees 3 inches and greater. Leave a few pine seed trees.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Black Spruce and pine.

Regen:

Other Small black spruce stand similar to stand 42. Long term Regeneration plan: Seed with snowmobile in the winter time if regeneration is not successful. May take longer than the first re-inventory monitoring period to establish successful black spruce regeneration.

Site Condition

Proposed Start Date: 10/1 /2024

42	33075042-Cut	11.9	6122 - Black Spruce	Poletimber Well	75	Unspec ified	Harvest	Clearcut	6122 - Black Spruce	Even-Aged	No
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Prescription Clearcut: Cut all trees 3 inches and greater. Leave a few pine seed trees scattered throughout.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Black Spruce and pine.

Regen:

Other Long term Management objective: Potential to get adequate regeneration of black spruce beyond the next inventory cycle. Look to machine seeding if regeneration is not successful.

Site Condition

Proposed Start Date: 10/1 /2024

48	33075048-Cut	6.8	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	45	111-140	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	No
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Prescription Clearcut with retention: Leave retention of the hemlock patch in the middle of the stand. Leave all hemlock and mark a few pine seed trees.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Mixed upland deciduous and conifer species.

Regen:

Other Expect decent regeneration the next inventory cycle. Long term regeneration look to plant pine if no successful regeneration.

Comment:

Site Condition

Proposed Start Date: 10/1 /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
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51	33075051-NF	1.6	3102 - Grass	Nonstocked		NonForestMgt	Other - Specify	310 - Herbaceous Openland		No
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Prescription Prescribed fire, farming (dozing, disking, raking, herbiciding, seeding (native or naturalized species only), fertilizing and liming, brushhog/saw
Specs: removal of competing trees and establishment of native hard and soft mast producers such as red oak, crabapple or others. Also sharecropping could be considered for this opening.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 8 /30/2023

52	33075052-Cut	9.9	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	73	51-80	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	No
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Prescription Clearcut with retention. Cut all trees 3 inches and greater. Leave retention around the hemlock area in the northeast portion. Leave some
Specs: pine seed trees, and leave all cedar and hemlock.

Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:

Acceptable Mixed deciduous and mixed conifer species.
Regen:

Other Monitor the regeneration during the re-inventory cycle. Long term regeneration plan to plant pine if unsuccessful regeneration.
Comment:

Site Condition

Proposed Start Date: 10/1 /2024

53	33075053-Cut	30.9	4139 - Aspen, Mixed Deciduous	Poletimber Well	47	Unspec ified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Clearcut with retention: Cut all trees 3 inches and greater. Retention in an area of smaller diameter red maple saplings.
Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:

Acceptable Aspen, mixed upland deciduous and conifer species.
Regen:

Other Expect regeneration during the re-inventory cycle.
Comment:

Site Condition

Proposed Start Date: 10/1 /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
55 33075055-NF	0.2	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		No
<p><u>Prescription</u> Prescribed fire, farming (dozing, disking, raking, herbiciding, seeding (native or naturalized species only), fertilizing and liming, brushhog/saw removal of competing trees and establishment of native hard and soft mast producers such as red oak, crabapple or others. Also sharecropping could be considered for this opening.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p>Proposed Start Date: 8 /30/2023</p>										
56 33075056-Cut	72.8	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	93	111-140	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention: Cut all trees 3 inches and greater. Retention left in the areas of the heaviest cedar concentration.</p> <p><u>Specs:</u></p> <p>This stand is in conditional deer wintering range and has a canopy composition of 15% cedar. Cedar in most of this stand is lacking in shelter qualities, and the biologist identified deer shelter areas to be excluded from harvest. In addition, extensive areas of quality cedar are found in adjacent stands. WLD and FRD are in agreement that cedar may be harvested outside of these retention areas.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Mixed deciduous and mixed conifer species.</p> <p><u>Regen:</u></p> <p><u>Other</u> Expect approximately 200 to 300 cords of cedar for potential harvest.</p> <p><u>Comment:</u> Monitor the regeneration during the re-inventory cycle. Long term regeneration plan if unsuccessful regeneration then potential machine seeding of mixed conifer species.</p> <p><u>Site Condition</u></p> <p>Proposed Start Date: 10/1 /2024</p>										
58 33075058-Cut	3.2	42290 - Natural Mixed Pine	Poletimber Well	120	111-140	Harvest	Seed Tree	429 - Mixed Upland Conifers	Even-Aged	No
<p><u>Prescription</u> Seed Tree: Leave any hemlock found. Leave approximately 10 to 20 BA of pine for seed trees.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Mix of red and white pine. Mixed upland conifer species.</p> <p><u>Regen:</u></p> <p><u>Other</u> Small upland pine ridge broken out from stand 37 with mostly red and white pine.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p>Proposed Start Date: 10/1 /2024</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
65 33075065-Spray	2.9	6118 - Lowland Deciduous with Cedar	Poletimber Well	23	51-80	Pesticide	Hand Application	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Treat the Phragmites along the Limpert road.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Herbicide Use</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u> Allow for Phragmites treatment along the Limpert Road.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
73 33075073-Cut	13.3	6111 - Lowland Balsam Poplar	Poletimber Well	46	Unspecified	Harvest	Clearcut	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut: Cut all trees 3 inches and greater except leave the cedar.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Mixed lowland aspen and mixed conifer and deciduous species.</p> <p><u>Other Comment:</u> Regeneration plan- monitor during the next inventory cycle. Expect regeneration to be successful through the majority of the stand.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
76 33075076-NF	3.2	3102 - Grass	Nonstocked			NonForestMgt	Other - Specify	310 - Herbaceous Openland		No
<p><u>Prescription</u> Prescribed fire, farming (dozing, disking, raking, herbiciding, seeding (native or naturalized species only), fertilizing and liming, brushhog/saw removal of competing trees and establishment of native hard and soft mast producers such as red oak, crabapple or others. Also sharecropping could be considered for this opening.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 8 /30/2023</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
77 33075077-Cut	39.3	4110 - Sugar Maple Association	Sawtimber Well	87	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> Selection harvest: Remove majority of ash, leaving a potentially resistant eab ash. Follow complete marker, retain approximately 70 to 80 ba, create regen gaps throughout stand by crown removal of larger diameter trees and clean out the pole timber within gaps.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any mix of northern hardwood species.</p> <p><u>Regen:</u></p> <p><u>Other</u> Monitoring treatment for regeneration the next inventory cycle. If regeneration is unsuccessful include this stand with a long term</p> <p><u>Comment:</u> regeneration plan for northern hardwood stands within the Management unit.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										

Approved Treatments:

4 33075004-Monitor	28.3	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	83	51-80	Monitoring	Natural Regen (Re-Inventory)	4112 - Maple, Beech, Cherry Association	Uneven-Aged	No
<p><u>Prescription</u> Monitor the regeneration of acceptable regeneration species during the re-inventory cycle.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Maple, and acceptable regeneration of a mix of the overstory component.</p> <p><u>Regen:</u></p> <p><u>Other</u> Expect beech regeneration in portions. Long term regeneration plan to include this stand with other unit Northern Hardwood stands Planning</p> <p><u>Comment:</u> for difficult to regeneration species.</p> <p>Percent to Treat = 100%</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2032</p>										
6 33075006-Monitor	19.0	42350 - Upland Hemlock	Sawtimber Poor	118	Unspecified	Monitoring	Natural Regen (Re-Inventory)	4115 - Y.Birch, Hemlock NH	Uneven-Aged	No
<p><u>Prescription</u> Monitor the regeneration of the acceptable regeneration species.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any composition of the existing overstory species.</p> <p><u>Regen:</u></p> <p><u>Other</u> Long term regeneration: Expect regeneration of aspen, mixed hardwood and mixed conifer species during the re-inventory cycle. Percent to</p> <p><u>Comment:</u> Treat = 100%</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2032</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
10 33075010.19_ Cut	31.8	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	135	141- 170	Harvest	Clearcut with Retention	6131 - Hemlock, White Pine, Maple, Birch	Even-Aged	No
<p><u>Prescription</u> Clearcut with reserves- Cut all trees except do not cut any cedar, hemlock and sub-merchantable black ash. Leave a few scattered white pine.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any mix of existing overstory LM6 component.</p> <p><u>Regen:</u></p> <p><u>Other</u> This stand is higher to shorter lived species vs. the hemlock and pine type. Old next step comments: Monitor the regeneration at appropriate intervals. Expect birch, maple, ash, and mixed conifer regeneration.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2014</p>										
12 33075012.18_ Cut	21.1	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	108	171- 200	Harvest	Clearcut with Retention	6128 - Lowland Coniferous, Mixed Deciduous	Even-Aged	No
<p><u>Prescription</u> Clearcut with reserves- Cut all trees except leave all cedar.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Lowland conifer and mixed deciduous species.</p> <p><u>Regen:</u></p> <p><u>Other</u> Overmature paper birch, red maple, and black spruce. Old next step comments: Monitor the regeneration at appropriate intervals. Expect aspen, birch, and mixed conifer regeneration.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2014</p>										
18 33075018-5- New	17.1	6120 - Lowland Cedar	Poletimber Poor	119	Unspec ified	Harvest	Single Tree Selection	6131 - Hemlock, White Pine, Maple, Birch	Uneven- Aged	No
<p><u>Prescription</u> Selection- Remove the shorter lived species and leave the cedar and hemlock.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any species mix of the existing overstory component at time of sale prep.</p> <p><u>Regen:</u></p> <p><u>Other</u> The access will be through stand 24. Most likely a winter sale. Old next step comments: Monitor regeneration at appropriate intervals.</p> <p><u>Comment:</u> Expect pine and mixed deciduous regeneration. Monitor for hemlock regeneration.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										



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Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
18	33075018-Monitor	53.9	6120 - Lowland Cedar	Poletimber Poor	119	Unspecified	Monitoring	Natural Regen (Re-Inventory)	6131 - Hemlock, White Pine, Maple, Birch	Uneven-Aged	No
<p><u>Prescription</u> Monitor the regeneration of the acceptable overstory species. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Any species mix of the existing overstory component at time of sale prep. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2032</p>											
22	33075020.15_Cut	5.7	6122 - Black Spruce	Poletimber Well	105	Unspecified	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	No
<p><u>Prescription</u> Clearcut with reserves- Leave a retention patch where the ridge of pine/cedar through the middle is capturing cedar volumes. Cut all other trees outside this retention area. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Black spruce. <u>Regen:</u> <u>Other</u> There is enough black spruce surrounding this stand for a clearcut here. Old next step comments: Monitor the regeneration at appropriate intervals. Expect black spruce regeneration. <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2014</p>											
21	33075021.16_Cut	11.5	6122 - Black Spruce	Poletimber Well	85	Unspecified	Harvest	Seed Tree with Retention	6122 - Black Spruce	Two-Aged	No
<p><u>Prescription</u> Seed tree with reserves- Leave clumps of approximately 10 trees of a mix of species spaced evenly throughout the stand. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Black spruce. Acceptable regeneration of the existing overstory species at time of sale prep. <u>Regen:</u> <u>Other</u> This stand has approximately 10% cedar. Old next step comments: Monitor the regeneration at appropriate intervals. Expect black spruce regeneration. <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2014</p>											
24	33075024-Monitor	5.3	42210 - Natural Red Pine	Sawtimber Well	120	1-50	Monitoring	Natural Regen (Re-Inventory)	42290 - Natural Mixed Pine	Two-Aged	No
<p><u>Prescription</u> Monitor the regeneration of the acceptable regeneration species during the re-inventory cycle. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Pine. Acceptable regeneration of mixed conifer species. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> Long term plant pine if regeneration is not successful. <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2032</p>											



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Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
26	33075026.13_ Cut	15.5	4319 - Mixed Upland Forest	Poletimber Medium	83	1-50	Harvest	Clearcut with Retention	4113 - R.Maple, Conifer	Even-Aged	No
<p><u>Prescription</u> Clearcut with reserves- Cut all trees except leave the cedar. Leave a few scattered pine seed trees.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Maple, conifer and mixed deciduous.</p> <p><u>Regen:</u></p> <p><u>Other</u> This stand was part of the Hemlock regeneration sale with too much overstory left. Trace amount of red maple regeneration. Mix of an upland/lowland site. Old next step comments: Monitor the regeneration at appropriate intervals. Expect maple, and mixed conifer regeneration.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2014</p>											
30	33075030- Monitor	5.8	42210 - Natural Red Pine	Sawtimber Well	122	1-50	Monitoring	Natural Regen (Re-Inventory)	42290 - Natural Mixed Pine	Two-Aged	No
<p><u>Prescription</u> Monitor the regeneration during the re-inventory cycle. Expect pass of regeneration monitor.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Pine. Acceptable regeneration of spruce and fir.</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2032</p>											
34	33075034.11_ Cut	13.9	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	93	Unspecified	Harvest	Clearcut with Retention	6117 - Lowland Deciduous, Mixed Coniferous	Even-Aged	No
<p><u>Prescription</u> Clearcut with reserves- Cut all trees except leave the cedar, hemlock, and sub-merchantable black ash.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Mixed deciduous and conifer species.</p> <p><u>Regen:</u></p> <p><u>Other</u> Old next step comments: Monitor the regeneration at appropriate intervals, expect mixed deciduous and conifer regeneration.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2014</p>											



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
36 33075036.10_Cut	12.7	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	120	Unspecified	Harvest	Single Tree Selection	6129 - Mixed Coniferous Lowland Forest	Uneven-Aged	No
<p><u>Prescription</u> Selection- Cut all ash greater than 6 inches dbh staying out of the lowest black ash areas. Delineate out clumps of cedar and hemlock for retention. Leave a few or all of the white pine for seed trees. Cut all other trees except hemlock which will only be those hemlock necessary to remove for harvesting other species.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> pine, hemlock, cedar, and mixed deciduous and conifer species.</p> <p><u>Regen:</u></p> <p><u>Other</u> This stand is extremely variable with a mix of 75-85% hemlock areas and areas with no hemlock and some cedar mixed in. The cedar and hemlock retention will be best identified at time of sale prep and ar. Old next step comments: Monitor the regeneration at appropriate intervals. Expect mixed coniferous and deciduous regeneration.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2014</p>										
49 33075078.8_Cut	3.9	4130 - Aspen	Poletimber Well	55	Unspecified	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	No
<p><u>Prescription</u> Clearcut with reserves- Leave the cedar, cut all other trees.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Aspen, spruce, fir and mixed deciduous species.</p> <p><u>Regen:</u></p> <p><u>Other</u> This is a small piece of the larger stand that was not cut previously. There is a mix of ash, maple, and aspen. The year of origin is 1968 for the uncut piece but it is mostly older than that. Old next step comments: Monitor the regeneration at appropriate intervals. Expect aspen, balm, and mixed deciduous/conifer regeneration.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2014</p>										

Total Treatment 475.1
Acres Proposed:

Report 4 – Site Conditions

Escanaba Mgt. Unit
Dan Racine : Examiner

Compartment: 75
Year of Entry: 2025

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	5B	3L	5E
		With Condition	Not Available				
140	138	0	2	Aspen			2
3	3	0	0	Bare/Sparsely Vegetated			
746	59	0	687	Cedar		687	0
290	280	0	10	Hemlock	0	0	10
8	8	0	0	Herbaceous Openland			
79	79	0	0	Lowland Aspen/Balsam Poplar			0
84	52	0	32	Lowland Conifers	0	28	4
229	215	0	14	Lowland Deciduous			14
83	54	0	28	Lowland Mixed Forest		24	5
6	6	0	0	Lowland Shrub			
95	33	60	2	Lowland Spruce/Fir	60	0	2
20	18	0	2	Mixed Upland Deciduous			2
3	3	0	0	Natural Mixed Pines			
78	78	0	0	Northern Hardwood			
11	11	0	0	Red Pine		0	
2	2	0	0	Sand, Soil			
17	17	0	0	Upland Conifers			
26	26	0	1	Upland Mixed Forest		0	1
1,921	1,082	60	779	Total Forested Acres	60	739	40
	56%	3%	41%	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
2	Available	5B: Maintain for regeneration purposes	51	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
This stand is currently regenerating from the harvest. Existing canopy are seed trees.							

Report 4 – Site Conditions

Escanaba Mgt. Unit
Dan Racine: Examiner

Compartment: 75
Year of Entry: 2025

3	Unavailable	3L: Other wildlife concerns	28	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Available	5B: Maintain for regeneration purposes	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments: The overstory are seed trees left from the previous harvest.							
5	Unavailable	5E: Long-Term Retention	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Escanaba Mgt. Unit
Dan Racine: Examiner

Compartment: 75
Year of Entry: 2025

10	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	3L: Other wildlife concerns	47	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified
Comments:							
This stand was evaluated for SBW. This stand has greater than 70% cedar.							

Report 4 – Site Conditions

Escanaba Mgt. Unit
Dan Racine: Examiner

Compartment: 75
Year of Entry: 2025

17	Unavailable	3L: Other wildlife concerns	356	Unspecified	Unspecified	Unspecified	Unspecified
Comments: High amount of northern white cedar. Lack of treatment due to Deer Winter Range Guidelines.							
18	Unavailable	3L: Other wildlife concerns	186	Unspecified	Unspecified	Unspecified	Unspecified
Comments: High amount of northern white cedar. Lack of treatment due to Deer Winter Range Guidelines.							
19	Unavailable	3L: Other wildlife concerns	97	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	3L: Other wildlife concerns	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments: High amount of northern white cedar. Lack of treatment due to Deer Winter Range Guidelines.							
21	Unavailable	3L: Other wildlife concerns	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
22	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Unavailable	5E: Long-Term Retention	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Long term retention for stand 56 treatment. Areas of cedar in higher concentration and hemlock ridges that are retained out.							

Report 4 – Site Conditions

Escanaba Mgt. Unit
Dan Racine : Examiner

Compartment: 75
Year of Entry: 2025

24	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



Report 5 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																					
1	4130 - Aspen	Sapling Well	22.9	22	Immature	N/A	This stand was cut under the crowing rooster sale.																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Cherry</td> <td>20</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>70</td> <td>Sapling/Pole</td> <td>4</td> <td>22</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Cherry	20	Sapling	2		Red Maple	10	Sapling/Pole	4		Quaking Aspen	70	Sapling/Pole	4	22	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	< 5 feet	Sapling	Beech	Low	< 5 feet	Sapling	White Pine	Low	< 5 feet	Sapling					
Canopy Species	% Cover	Size Class	DBH	Age																																								
Black Cherry	20	Sapling	2																																									
Red Maple	10	Sapling/Pole	4																																									
Quaking Aspen	70	Sapling/Pole	4	22																																								
Sub-Canopy Species	Density	Avg. Height	Size																																									
Balsam Fir	Low	< 5 feet	Sapling																																									
Beech	Low	< 5 feet	Sapling																																									
White Pine	Low	< 5 feet	Sapling																																									
2	3102 - Grass	Nonstocked	0.9		Immature	Managed Opening	Brush hogged in 2016.																																					
3	3102 - Grass	Nonstocked	1.8			Managed Opening	Brush hogged in 2016.																																					
4	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	28.4	83	51-80	N/A	This stand was harvested under the limpert mix sale completed in 2020. Currently under contract.																																					
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Canopy Species	% Cover	Size Class	DBH	Age																																								
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5	42350 - Upland Hemlock	Poletimber Well	8.9	118	81-110	N/A	Majority Hemlock stand.																																					
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6	42350 - Upland Hemlock	Sawtimber Poor	20.1	118	Unspecified	N/A	This stand is unit 2 of the Limpert Mix sale currently under contract. Stand is completed of cutting.																																					
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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7	6119 - Mixed Lowland Deciduous Forest	Poletimber Well	37.8	40	51-80	N/A	Strip cut area. Hard to tell the difference between the strips that were cut and leave strips. Some strips were heavy to balm and aspen and others were paper birch and red maple.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Black Ash		5	Pole/Sapling	5		Balsam Fir		Low	10 - 20 feet	Sapling	
Yellow Birch		15	Pole/Sapling	6		White Spruce		Low	10 - 20 feet	Sapling	
Balsam Fir		5	Pole	7		Black Ash		Low	10 - 20 feet	Sapling	
Paper Birch		25	Pole/Sapling	6							
Balsam Poplar		20	Pole	8							
Red Maple		25	Pole/Sapling	6	40						
White Spruce		5	Pole	7							

8	6111 - Lowland Balsam Poplar	Sapling Well	65.6	20	Immature	N/A	Phragmites in this stand. Cut in 2003 under the bent arrow balm sale. Most of the cedar left is on the ground.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Northern White Cedar		5	Log	12		Willow spp.		Low	5 - 10 feet	Tall Shrub	
Balsam Poplar		65	Sapling	4	20	Balsam Fir		Low	< 5 feet	Sapling	
Paper Birch		5	Sapling	2							
Quaking Aspen		5	Pole/Sapling	5							
Black Ash		5	Sapling	2							
Red Maple		15	Sapling	4							

9	4130 - Aspen	Poletimber Well	38.6	42		N/A	Cut next treatment period. West side of compartment line stand 71 of compartment 34 was merged into this stand. Stand 71 was 39 years old.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Red Pine		2	Log	12		White Spruce		Medium	< 5 feet	Sapling	
White Pine		3	Log	14		Balsam Fir		Medium	< 5 feet	Sapling	
Quaking Aspen		80	Pole/Sapling	7	42						
Red Maple		5	Sapling/Pole	4							
Balsam Fir		10	Pole	8							

10	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	35.1	135	141-170	N/A	<p>*Red Maple= 12 Trees per acre, 1 tree per acre of white pine, 18 trees per acre of hemlock, 55 trees per acre of ash, cedar= 49 trees per acre.</p> <p>* BA of maple, ash and pine is 80, BA of hemlock is 28 and BA of cedar is 76.</p> <p>*8 cords to the acre of maple, ash, and pine. 6 cords to the acre of hemlock and 17 cords to the acre of cedar.</p> <p>This stand is currently under the Limpert Mix contract unit 3 and 4 . West side more hemlock than cedar with red maple, paper birch, white spruce. The east side is cedar with ash, paper birch and red maple.</p> <p>If the contract is not completed the treatment for FY 2025:</p> <p>Treatment for FY 2025:</p> <p>Clearcut with retention: Cut all trees 3 inches and greater in DBH except mark leave a few pine leave trees, do not cut any cedar or hemlock except what is necessary for operations to harvest designated species.</p>				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Green Ash		10	Pole	8		White Spruce		Low	< 5 feet	Sapling	
Red Maple		15	Pole	8	96						
White Spruce		5	Pole	8							
White Pine		5	Log	12							
Northern White Cedar		25	Pole/Log	9	135						
Hemlock		20	Log/Pole	10	135						
Paper Birch		10	Pole	8							
Black Ash		10	Pole	7							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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11	6120 - Lowland Cedar	Sawtimber Well	33.1	131		N/A	Could not get an age on the cedar with borer. Trace amounts of white spruce and white pine in the canopy.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Black Spruce		5	Log/Pole	10		Balsam Fir	
Quaking Aspen		5	Log/Pole	10		Low	
Northern White Cedar		82	Log/Pole	10	131	5 - 10 feet	
Paper Birch		8	Log/Pole	10		Sapling	

12	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	23.7	108	171-200	N/A	This stand is currently under the Limpert Mix contract Unit 5 expiring on 12/31/23.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Spruce		5	Log/Pole	10		Balsam Fir	
Black Ash		10	Pole	7		Low	
Green Ash		10	Log/Pole	11		< 5 feet	
Paper Birch		10	Log/Pole	10		Sapling	
Red Maple		10	Log/Pole	10			
Northern White Cedar		45	Pole	8	108		
Black Spruce		5	Pole	7			
Balsam Fir		5	Pole	7			

13	4135 - Aspen, Cedar	Sapling Well	11.2	22	Immature	N/A	Second age on cedar. This stand was cut under the crowing rooster hardwood sale.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Balsam Poplar		10	Sapling/Pole	4		White Spruce	
Red Maple		10	Sapling	2		Medium	
Balsam Fir		5	Sapling/Pole	4		5 - 10 feet	
Quaking Aspen		40	Sapling/Pole	4	22	Sapling	
Northern White Cedar		20	Log/Pole	10	110	Medium	
Black Ash		10	Sapling	2		5 - 10 feet	
White Spruce		5	Sapling	3		Sapling	

14	6120 - Lowland Cedar	Poletimber Well	29.2	116		N/A	
Canopy Species		% Cover	Size Class	DBH	Age		
Red Maple		5	Pole	7			
Black Spruce		5	Pole	7			
Northern White Cedar		80	Pole	7	116		
Paper Birch		10	Pole	6			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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15 6117 - Lowland Deciduous, Mixed Coniferous Poletimber Well 4.9 47 51-80 N/A Fully stocked strip cut. Look to cut next treatment period along with the other strips in this compartment.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	20	Pole	6	
Black Ash	10	Pole/Sapling	6	
Balsam Poplar	30	Pole/Sapling	7	47
Paper Birch	25	Pole/Sapling	6	
Quaking Aspen	5	Pole	7	
Red Maple	10	Pole/Sapling	6	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	5 - 10 feet	Sapling
Black Spruce	Low	< 5 feet	Sapling

16 6120 - Lowland Cedar Poletimber Well 20.7 116 N/A Second age on an aspen.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	15	Pole	7	
Northern White Cedar	60	Pole	7	116
Paper Birch	15	Pole	7	
Green Ash	5	Pole	7	
White Spruce	5	Pole	7	

17 4319 - Mixed Upland Forest Poletimber Well 10.2 51 81-110 N/A This stand was cut under the deer pond sale in 1996 with upland spruce and fir and white pine left for seed. Variable ages and sizes with the overstory residual from the sale and the understory is the regeneration. Trace amounts of sugar maple and green ash.

Canopy Species	% Cover	Size Class	DBH	Age
Yellow Birch	3	Pole	5	
Red Maple	5	Pole	5	
Balsam Fir	30	Pole	7	51
White Pine	2	Log	18	
Quaking Aspen	15	Pole	7	
White Spruce	20	Pole	7	
Paper Birch	20	Pole	6	
Balsam Poplar	5	Pole	7	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	5 - 10 feet	Sapling
White Spruce	Low	5 - 10 feet	Sapling

18 6120 - Lowland Cedar Poletimber Poor 54.0 119 Unspecified N/A This stand is currently under the Limpert Mix contract Units 6,7 and 8. This portion of the stand is completed at this time. Unit 6, the majority of unit 7 are completed with unit 8 and small piece of unit 7 is left. Mix of upland and lowland ground.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	20	Log	12	
Northern White Cedar	50	Pole	9	119
Hemlock	30	Log/Pole	10	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																														
19	6120 - Lowland Cedar	Poletimber Medium	5.1	108		N/A	This stand is currently regenerating cut under the deer pond sale as a seed tree. Nice regeneration here. The canopy call is the result of the residual from the treatment but the stand is still a mixed lowland conifer type.																																														
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20	6120 - Lowland Cedar	Sawtimber Well	249.5	108	Unspecified	N/A	Second age on a paper birch. Trace amounts of hemlock and balsam fir. Second age on a paper birch.																																														
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21	6122 - Black Spruce	Poletimber Well	12.2	85	Unspecified	N/A	This stand is currently under contract under the Limpert Mix sale unit 9. Nice black spruce with scattered cedar and paper birch. New Treatment: Clearcut with retention- Harvest all trees 3 inches and greater in dbh except do not cut any cedar or hemlock. Red lines still in decent shape, utilize the existing retention areas.																																														
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22	6122 - Black Spruce	Poletimber Well	7.0	105	Unspecified	N/A	This stand is currently under contract under the Limpert Mix sale Unit 10. Small stand with black spruce surrounding the stand. New Treatment: Cut all trees 3 inches and greater dbh. Retention located on ridge in center of the stand.																																														
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23	429 - Mixed Upland Conifers	Sapling Well	7.0	37	1-50	N/A	Trace of hemlock and sugar maple in the super canopy.																																														
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24	42210 - Natural Red Pine	Sawtimber Well	5.3	120	1-50	N/A	This stand was cut under the Limpert mix sale completed in 2023. Unit 12. Previous cut Selection harvest was completed in 2009 under the hemlock regeneration sale.																																														
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25	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	7.4	115	81-110	N/A	A piece not cut from the hemlock regeneration sale with cedar and black ash.																																														
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26	4319 - Mixed Upland Forest	Poletimber Medium	16.1	83	1-50	N/A	This stand is currently under contract under the Limpert Mix sale unit 11.																																														
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28	6122 - Black Spruce	Poletimber Poor	51.7	100		N/A	The stand is regenerating to white pine and black spruce. The understory will be the overstory over the next few treatment periods. Overstory is seed source now. Second age from TCR for black spruce seedlings. Some hemlock regeneration along the edge																																														
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29	42350 - Upland Hemlock	Sawtimber Well	37.9	137	171-200	N/A	*Red maple= 18 trees per acre, Black Spruce= 20 trees per acre, White pine= 11 trees per acre, Red Pine= 7 trees per acre, Hemlock= 76 trees per acre. *Mean BA of red maple, black spruce, white and red pine is 80. Hemlock= 108 Mean BA. * Total cords of red maple, black spruce, white and red pine is 24 cords to the acre, and 22 cords per acre of hemlock.																																														
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30	42210 - Natural Red Pine	Sawtimber Well	5.8	122	1-50	N/A	This stand was cut under Unit 14 of the Limpert mix sale completed in 2020. Cut all trees except hemlock and trees marked with green paint.																																																																	
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31	6122 - Black Spruce	Poletimber Poor	9.2	99		N/A	This stand was treated in the winter of 2009 under the hemlock regeneration sale. Seed trees were left approximately every 50 feet.																																																																	
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32	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	27.7	137		N/A	Hemlock stand with white pine, cedar, red maple and more open areas. 75% of the stand is hemlock and cedar.																																																																	
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33	42350 - Upland Hemlock	Sawtimber Well	96.3	120	Unspecified	N/A	Second age on a red pine. Several hemlock 3-5 foot tall and 15-20 foot tall in regeneration gaps on the west side of the Deer Pond Road. Some sugar maple about 20 feet.																																																																	
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34	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	15.5	93	Unspecified	N/A	Unit 13 of the Limpet mix sale currently under contract. Tamarack and spruce in stand declining or dead. There is an amendment to allow cutting of the cedar and hemlock. If the contract is not completed the new treatment includes the cutting of cedar and hemlock for operational purposes.																																																																	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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35 42350 - Upland Hemlock Poletimber Well 39.4 120 171-200 N/A

Majority of stand is hemlock with cedar with over 200 BA in some pockets. Some red maple, paper birch, and white pine scattered in stand. Minor component of red pine, black ash, and yellow birch.

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	5	Pole	8	
Northern White Cedar	30	Pole	8	
Hemlock	55	Log/Pole	10	120
Red Maple	5	Pole	8	
White Pine	5	XLog/Log	18	

36 6129 - Mixed Coniferous Lowland Forest Poletimber Well 15.7 120 Unspecified N/A

This stand is currently under contract under the Limpert Mix sale payment unit 15. Second age on a paper birch and red maple. A ridge of lowland along the west and spruce in the center. Extremely variable stand.
If the current contract is not completed the New Treatment: Clearcut with retention. Harvest all trees except hemlock unless necessary to cut designated species. Mark some leave trees of pine.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	2	Pole	9		Black Spruce	Low	< 5 feet	Seeding
Hemlock	56	Pole	9	120	Black Ash	Low	>20 feet	Sapling
Paper Birch	3	Pole	8	83	Tag Alder	Medium	10 - 20 feet	Tall Shrub
Tamarack	8	Pole	7					
Northern White Cedar	5	Pole	9					
Red Maple	10	Pole	7	83				
Black Ash	2	Pole	5					
Black Spruce	14	Pole	8					

37 42350 - Upland Hemlock Poletimber Well 11.6 120 141-170 N/A

Pocket of pine to the south. Mostly Hemlock

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	5	Pole	9	
White Pine	15	XLog	18	
White Spruce	2	Pole	9	
Red Pine	10	Log/XLog	16	
Black Spruce	3	Pole	9	
Red Maple	5	Log	10	
Hemlock	60	Pole	9	120

38 6122 - Black Spruce Poletimber Well 3.1 75 Unspecified N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	98	Pole/Sapling	7	75	Leatherleaf	Medium	5 - 10 feet	Tall Shrub
White Pine	2	Log	12					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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39 42350 - Upland Hemlock Poletimber Well 14.1 120 Unspecified N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Pole	6		Black Spruce	Low	< 5 feet	Sapling
White Pine	15	Log	14		Tag Alder	Low	10 - 20 feet	Tall Shrub
Red Pine	10	Log	12					
Red Maple	5	Pole	7					
Hemlock	60	Pole	9	120				
Black Spruce	5	Pole	8					

40 4116 - Mixed N. Hardwood - Aspen Poletimber Well 7.0 37 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	60	Pole	7	37	White Spruce	High	5 - 10 feet	Sapling
Paper Birch	5	Pole	7		Balsam Fir	High	5 - 10 feet	Sapling
Quaking Aspen	25	Pole	7	37				
Balsam Fir	5	Pole	5					
White Spruce	5	Pole	5					

41 42350 - Upland Hemlock Sawtimber Well 46.6 122 N/A Second age on a white pine.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	5	Pole	8		White Pine	High	10 - 20 feet	Sapling
White Pine	30	Log	15	120	White Spruce	Low	< 5 feet	Sapling
Hemlock	60	Log/Pole	10	122	Hemlock	Low	< 5 feet	Sapling
Red Maple	5	Pole	8		Red Maple	High	10 - 20 feet	Sapling

42 6122 - Black Spruce Poletimber Well 11.9 75 Unspecified N/A Trace amounts of cedar and tamarack. Small diameter black spruce.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	90	Pole	7	75	Black Spruce	Low	< 5 feet	Sapling
Red Pine	2	Pole	8					
White Pine	8	Log/Pole	12					

43 42350 - Upland Hemlock Sawtimber Well 5.1 120 81-110 N/A Stand appears to have been treated with some areas of hemlock regeneration in the open areas, with deer browsing.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	5	Log	14		Black Spruce	Medium	< 5 feet	Sapling
Northern White Cedar	5	Log/Pole	10		White Pine	Medium	< 5 feet	Sapling
Black Spruce	5	Pole	9					
Hemlock	65	Log/Pole	10	120				
White Pine	20	XLog/Log	18	120				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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44 429 - Mixed Upland Conifers Sapling Well 10.0 26 81-110 N/A Cut in 97 under the M-1 hardwoods sale. Hemlock and cedar ridge.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	5	Log	12		Black Spruce	Low	< 5 feet	Sapling
Hemlock	5	Pole/Log	10		Tag Alder	Low	10 - 20 feet	Tall Shrub
Northern White Cedar	5	Pole	9		White Pine	Low	< 5 feet	Sapling
Black Spruce	20	Sapling	2		Balsam Fir	Low	< 5 feet	Sapling
Paper Birch	5	Sapling/Pole	3					
White Pine	50	Sapling/Pole	3	26				
Balsam Fir	5	Sapling/Pole	3					
Red Maple	5	Sapling/Pole	3					

45 4119 - Mixed Northern Hardwoods Poletimber Well 3.8 48 1-50 N/A A few larger aspen mixed in with mostly 7 inch red maple.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	70	Pole	7	48	Balsam Fir	Low	5 - 10 feet	Sapling
Green Ash	10	Pole	7		White Pine	Medium	10 - 20 feet	Sapling
Paper Birch	10	Pole	7					
Quaking Aspen	10	Pole	9					

46 42350 - Upland Hemlock Sawtimber Well 5.5 114 81-110 N/A The eastern portion of this stand was a Red pine plantation on the top of the hill that is 1945 year of origin and 68 years old thinning completed under the Limpert Mix sale in 2022.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	20	XLog/Log	18		White Pine	Low	5 - 10 feet	Sapling
Red Pine	20	Log	14	114	Hemlock	Low	>20 feet	Pole
Hemlock	60	Log/Pole	10	114				

Mix of pine and hemlock on the bottom of the hill.

47 6118 - Lowland Deciduous with Cedar Poletimber Well 22.4 65 Unspecified N/A Ridge of ash, paper birch, and red maple along road, separated from surrounding cedar stand. This stand does have cedar mixed in heavy pockets throughout. The ash is about 6 inches with some larger diameters. Minor component of spruce and hemlock.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	20	Log/Pole	10	121	Balsam Fir	Low	>20 feet	Pole
Balsam Fir	10	Pole	9		Balsam Poplar	Medium	>20 feet	Pole
Red Maple	5	Pole	9		Green Ash	Low	>20 feet	Pole
Green Ash	10	Log/Pole	10		Red Maple	Low	>20 feet	Pole
Black Ash	25	Pole	6	65	Paper Birch	Medium	>20 feet	Pole
Paper Birch	15	Pole	8	47				
Balsam Poplar	15	Pole	8					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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48 4191 - Mixed Upland Deciduous with Conifer Poletimber Well 7.8 45 111-140 N/A Second age on a hemlock.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	50	Pole	8	45	White Pine	Medium	5 - 10 feet	Sapling
Paper Birch	5	Pole	8		Red Maple	Medium	Variable	Sapling
Quaking Aspen	10	Pole	9		Balsam Fir	Low	< 5 feet	Sapling
Hemlock	15	Log	10	142	Red Pine	Low	< 5 feet	Sapling
White Pine	10	Log	16					
Balsam Fir	10	Log/Pole	10					

49 4130 - Aspen Poletimber Well 5.1 55 Unspecified N/A

This stand is currently under the Limpert Mix contract unit 17. Clearcut. The treatment portion of the stand is a 1968 year origin. Cedar and maple is older.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Pole	6		Black Ash	Low	10 - 20 feet	Sapling
Quaking Aspen	66	Pole	7	55	White Spruce	Low	< 5 feet	Sapling
Balsam Poplar	20	Pole	6		Balsam Fir	Low	Variable	Sapling
Northern White Cedar	2	Pole	9					
Black Ash	3	Pole	6					
Sugar Maple	2	Pole	8					
White Ash	2	Pole	6					

50 710 - Sand, Soil Nonstocked 1.9 No Target area on north side

51 3102 - Grass Nonstocked 1.6 No Filling in along the edge with timber.

52 4191 - Mixed Upland Deciduous with Conifer Sawtimber Well 12.1 73 51-80 N/A

Yellow and paper birch are minor component. Small pocket of hardwood that was thinned. North part of stand is filling in with white pine in understory and south part w.p.,balsam fir,balsam poplar and ash.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	10	XLog/Log	18		Green Ash	Medium	10 - 20 feet	Sapling
Hemlock	15	Log/Pole	10	128	Red Maple	Medium	10 - 20 feet	Sapling
Green Ash	20	Log	12		White Pine	High	5 - 10 feet	Sapling
Northern White Cedar	15	Log/Pole	10		Balsam Fir	Medium	5 - 10 feet	Sapling
Black Ash	10	Pole	9		White Spruce	Low	Variable	Sapling
Red Maple	30	Log/Pole	10	73	Balsam Poplar	Low	10 - 20 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																				
53	4139 - Aspen, Mixed Deciduous	Poletimber Well	31.9	47	Unspecified	N/A	Trace amounts of black cherry and paper birch in the overstory. This stand was cut under permit 15-74a.																																																				
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55	3102 - Grass	Nonstocked	0.2		Unspecified	Managed Opening	Brush hogged in 2016.																																																				
56	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	86.9	93	111-140	N/A	Ash stand with a mix of red maple, birch, spruce, balsam fir, and scattered cedar within the stand. Approximately 20 cords to the acre of maple, birch, aspen, ash, and balsam fir.																																																				
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57	6120 - Lowland Cedar	Sawtimber Well	6.1	116		N/A	This stand was treated with short lived species removed. Minor component of birch and balsam poplar.																																																				
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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58	42290 - Natural Mixed Pine	Poletimber Well	3.2	120	111-140	N/A	Age from stand 37 Hemlock stand. Pocket of pine separated out from stand 37.
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Canopy Species	% Cover	Size Class	DBH	Age
Hemlock	5	Pole	9	120
White Pine	40	XLog	18	
Red Pine	55	Log/XLog	16	120

59	6120 - Lowland Cedar	Poletimber Well	47.0	121		N/A	Lowland cedar.
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Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	70	Pole	8	121
Balsam Fir	10	Pole	8	
White Spruce	10	Pole	8	
Black Ash	10	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Black Ash	Low	5 - 10 feet	Sapling
White Spruce	Low	5 - 10 feet	Sapling
Mountain Holly	High	5 - 10 feet	Tall Shrub
Balsam Fir	Low	5 - 10 feet	Sapling
Tag Alder	High	5 - 10 feet	Tall Shrub

61	6120 - Lowland Cedar	Sawtimber Well	96.8	121		N/A	Mix of diameters of the cedar, lowland pockets within the center of the stand, mainly a cedar stand.
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Canopy Species	% Cover	Size Class	DBH	Age
Balsam Poplar	7	Log/Pole	10	
Northern White Cedar	85	Log/Pole	10	121
Paper Birch	6	Log/Pole	10	
Hemlock	2	Log	10	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	>20 feet	Pole
Green Ash	Low	>20 feet	Pole
Paper Birch	Medium	>20 feet	Pole
Balsam Poplar	Medium	>20 feet	Pole
Balsam Fir	Low	>20 feet	Pole

65	6118 - Lowland Deciduous with Cedar	Poletimber Well	59.1	23	51-80	N/A	Phragmites located in area south of Limpert Road. All cedar was left with blowdown in spots.
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Canopy Species	% Cover	Size Class	DBH	Age
Black Ash	10	Sapling/Pole	4	
Hemlock	5	Log/Pole	10	
Paper Birch	5	Sapling/Pole	4	
White Spruce	5	Pole	8	
Northern White Cedar	20	Log/Pole	10	
Red Maple	10	Sapling/Pole	4	
Balsam Poplar	40	Pole	5	23
Balsam Fir	5	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	Low	5 - 10 feet	Sapling
Black Ash	Low	5 - 10 feet	Sapling
Tag Alder	Medium	5 - 10 feet	Tall Shrub

66	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	8.5	127	51-80	N/A	A left out portion from the Wacky Wednesday sale with black ash and cedar.
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Canopy Species	% Cover	Size Class	DBH	Age
Black Ash	45	Pole	9	65
Northern White Cedar	45	Pole	9	127
Red Maple	5	Log	12	
Balsam Poplar	5	Log	12	

Sub-Canopy Species	Density	Avg. Height	Size
Black Ash	Medium	5 - 10 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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68 6229 - Mixed lowland shrub Nonstocked 5.7 No Tag alder and buckthorn

69 6120 - Lowland Cedar Poletimber Well 196.1 107 Unspecified N/A black ash and cedar.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	60	Pole	8	107	Black Ash	Medium	5 - 10 feet	Sapling
Black Ash	35	Pole	6		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Paper Birch	5	Pole	8					

72 6117 - Lowland Deciduous, Mixed Coniferous Poletimber Well 18.1 23 Immature N/A This stand was cut in the winter of 2000 under the bent arrow balm sale. All balm, paperbich, balsam fir/spruce with 3 or more sticks and hardwood 10 inches and greater. No hemlock and cedar were cut.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Sapling/Pole	3		Balsam Fir	Medium	Variable	Sapling
Red Maple	10	Pole/Sapling	5		Black Ash	Low	5 - 10 feet	Sapling
Paper Birch	5	Pole/Sapling	5		Ironwood	Medium	Variable	Sapling
Balsam Poplar	35	Pole/Sapling	5	23				
White Spruce	5	Pole	9					
Black Ash	20	Pole	5					
Balsam Fir	10	Pole	9					
Northern White Cedar	5	Pole	9					

73 6111 - Lowland Balsam Poplar Poletimber Well 13.3 46 Unspecified N/A Lots of blowdown. The cedar in between separates. The north end is smaller timber with smaller diameters. More balm to the south and more red maple to stand to north with ironwood.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	10	Log/Pole	10		Balsam Poplar	Low	5 - 10 feet	Sapling
Balsam Fir	10	Pole	9		Black Ash	Low	10 - 20 feet	Sapling
Balsam Poplar	40	Pole	8	46	White Spruce	Low	Variable	Sapling
White Ash	5	Pole	9		Sugar Maple	Low	10 - 20 feet	Sapling
White Spruce	10	Pole	9					
Red Maple	5	Pole/Sapling	6					
Sugar Maple	5	Pole	6					
Black Ash	5	Pole	7					
Paper Birch	10	Pole	8					

75 790 - Other Bare/Sparsely Vegetated Nonstocked 3.0 No Limpert pit

76 3102 - Grass Nonstocked 3.2 No



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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77 4110 - Sugar Maple Association Sawtimber Well 39.3 87 81-110 N/A This stand was last cut in 2008 under the limpert pit sale.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	80	Log/Pole	11	87	Sugar Maple	Medium	>20 feet	Pole
Northern White Cedar	5	Pole	9		Ironwood	Medium	Variable	Sapling
Ironwood	5	Pole	7		White Spruce	Low	< 5 feet	Seeding
White Ash	10	Log/Pole	11					

78 4130 - Aspen Poletimber Well 30.4 38 Unspecified N/A The treatment portion of the stand is a 1968 year origin, separated out into stand 49. Stand 49 is currently under the Limpert mix contract unit 17. Cedar and maple is older.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	2	Pole	9		White Spruce	Low	< 5 feet	Sapling
White Ash	2	Pole	6		Black Ash	Low	10 - 20 feet	Sapling
Quaking Aspen	66	Pole	7	38	Balsam Fir	Low	Variable	Sapling
Balsam Poplar	20	Pole	6					
Black Ash	3	Pole	6					
Sugar Maple	2	Pole	8					
Paper Birch	5	Pole	6					

79 6120 - Lowland Cedar Poletimber Well 8.6 116 N/A Trace amount of balm.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	85	Pole	9	116	Tag Alder	Low	10 - 20 feet	Tall Shrub
Black Ash	2	Pole	6		Black Ash	Low	10 - 20 feet	Sapling
Black Spruce	10	Log/Pole	10					
Paper Birch	3	Pole	6					

118 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Well 17.1 119 171-200 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	15	Pole	9	
Red Maple	20	Log/Pole	11	
White Pine	10	Log	12	
Black Spruce	5	Pole	8	
Hemlock	15	Pole	9	

*Red maple= 21 Trees per acre of red maple, 29 trees per acre of paper birch, 128 trees per acre of cedar, 49 trees per acre of hemlock.
*80 BA of maple, birch, pine. 135 BA of cedar, 50 BA of hemlock.
* 15 cords to the acre of maple, birch, pine. 10 cords per acre of hemlock, 19 cords per acre of cedar.
This stand is currently under the Limpert mix contract units 8 and a small piece of unit 7. Expires on 12/31/2023. *Amendment was created to allow the harvesting of cedar and hemlock in units 6,7 and 8 for operational purposes to harvest the designated species.