



Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41003

Entry Year 2025

Acreage: 1,369

County Schoolcraft

Management Area: Seney Lake Plain

Stand Examiner: Jennifer Burnham

Legal Description:

T45N R13W Sections 3, 10, and 15

Identified Planning Goals:

Vegetative management in the Fox River Complex MA will produce various timber products, maintain or enhance wildlife habitat, protect Special Conservation Areas (SCAs) and High Conservation Value Areas (HCVAs), and provide for forest based recreational uses. The Fox River and the East Branch Fox River and their tributaries are Natural Rivers, and have management plans associated with them.

Soil and topography:

Most of this compartment is low, flat, and wet. There are some rolling hills in the southeast part of section 3, and the north edge of the Blue Mountains is on state-owned land in section 15.

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

The Fox River Club owns acreage in section 10, and a larger block of land immediately to the east of this compartment. There are privately-owned lands in sections 3 and 15 as well.

Unique Natural Features:

The Fox River flows through this compartment. Dead Creek empties into it near the center of section 10.

Archeological, Historical, and Cultural Features:

Possible archeological areas within the compartment.

Special Management Designations or Considerations:

The Fox River is designated as a Natural River, with a management plan that specifies buffers for it and all tributaries. The marshland and scattered timber west of the Fox River should be considered for designation as potential old-growth. Access to most of these lands is extremely difficult, and this would tie it in with other state-owned lands to the west that are currently designated as such.

Watershed and Fisheries Considerations:

This compartment contains Dead Creek, Fox River, and headwater reaches of Holland Creek. Holland Creek, Dead Creek, and the Fox River (downstream of the Dead Creek confluence) are non-designated streams less than 50-foot wide. A minimum 100-foot, plus 5 feet per 1 percent increase in slope, buffer is recommended for Holland Creek and Dead Creek. The Fox River, upstream of the Dead Creek confluence is designated a Type 1 trout stream and is less than 50 feet wide with a predicted mean July temperature of 66.0 °F (cool stream). A 300-foot buffer is recommended for the Fox River in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, a minimum 100-foot, plus 5 feet per 1% increase in slope, buffer is recommended to protect these areas in accordance with Best Management Practices.

Wildlife Habitat Considerations:

This compartment lies within the Seney Sand Lake plain ecological sub-subsection. During pre-settlement times, the upland areas in this compartment supported a mixed deciduous/coniferous forest. The deciduous species of this forest consisted primarily of American Beech and sugar maple, while hemlock and white pine were the dominant upland conifers. Lowland areas supported a variety of habitats including open marsh with low red/white pine ridges, mixed deciduous/coniferous swamps containing red maple, black ash, tamarack, and spruce, and cedar swamps containing large cedar trees. The confluence of the Fox River and Dead Creek lies within this compartment.

Lowland areas within this compartment appear to be similar to pre-settlement species composition. Upland areas show an increase in the aspen component and a corresponding decrease in sugar maple, beech, hemlock, and white pine.

The wildlife habitat management regime consists of providing travel corridors along the Fox River and Dead Creek, maintaining the integrity of the marsh complex, promoting closed canopy lowland conifer stands, and providing age and structural diversity within the aspen and northern hardwood communities.

Wildlife species of special interest potentially utilizing this compartment include yellow rail, moose, and gray wolf.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production in this part of the state, and there is no known metallic mineral potential in this area. The nearest known active sand/gravel pit is more than four miles away, and the compartment is dominated by wetlands, which would inhibit significant surface mining. No current mineral leasing activity exists in the area, and there are no notable prospects for mineral development in the area of the compartment at this time.

Vehicle Access:

Access from the Old Seney Road (a county road) represents the only viable option for most of this compartment. The area north of the Blue Mountains can be reached from Highway M-77 by crossing the private lands in section 15.

Survey Needs:

Survey needs will be for treatments in section 03 of the compartment.

Recreational Facilities and Opportunities:

Snowmobile Trail #43 traverses the northern portions of the compartment, on the Old Seney Road. This is the only developed facility within this compartment. If winter logging is required, do not plow the road to bare ground and keep the trail/road clear of logging slash and debris.

Fire Protection:

Access to much of the compartment is difficult. Although the ridges of high ground may be prone to lightning strikes, the fuel types there limit the probability of a rapidly-spreading fire unless prolonged drought conditions prevail.

Additional Compartment Information:

The following reports from the Inventory are attached:

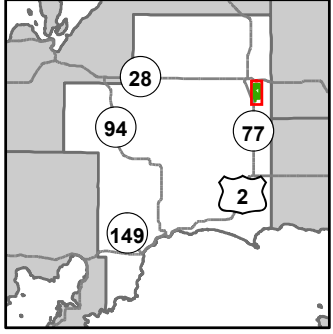
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

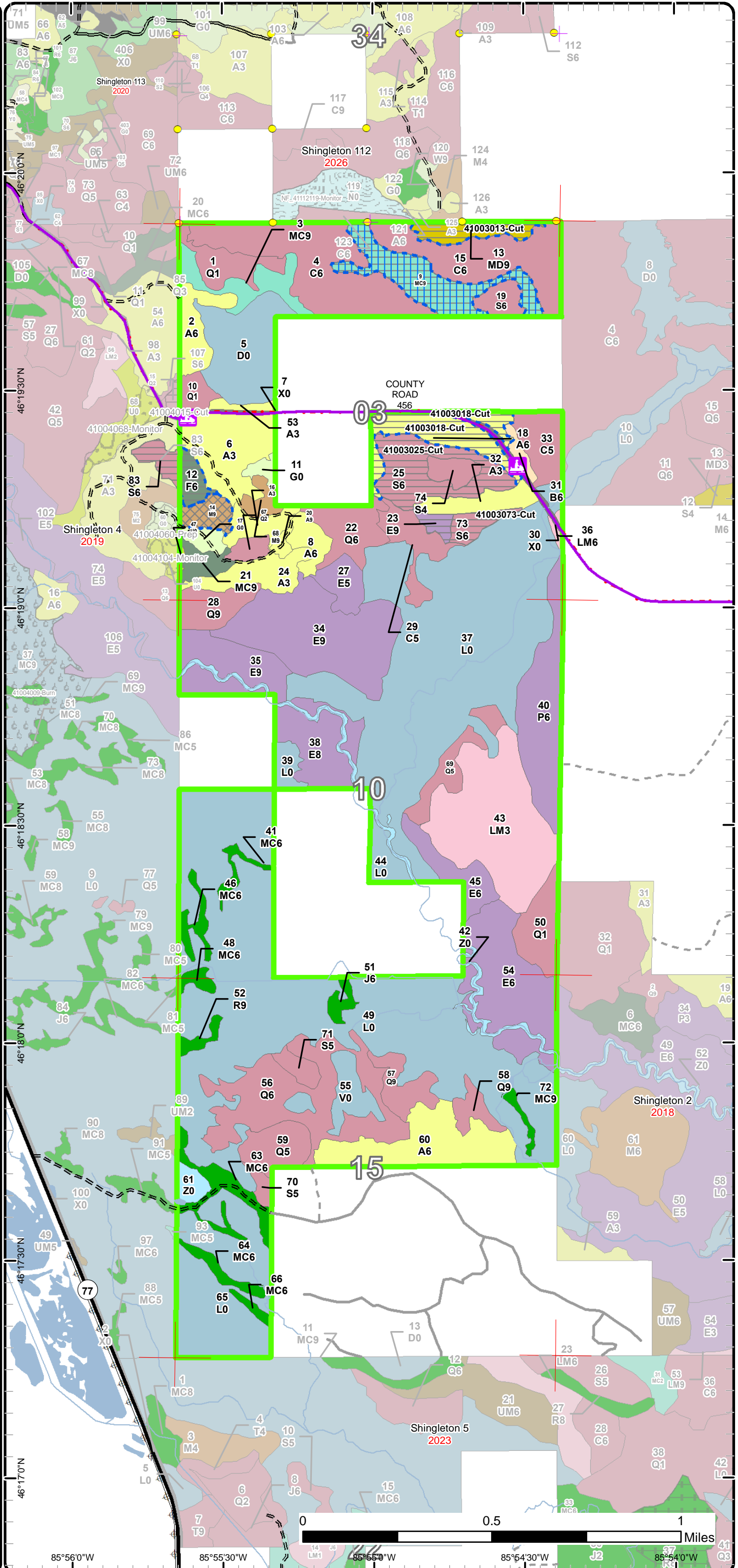
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 3
 T45N,R13W, Sec: 03, 10, 15
 County: Schoolcraft
 Unit: Shingleton
 Mgmt Area: Seney Lake Plain
 YOE: 2025
 Acres: 1369.3 GIS Calculated
 Examiner: Jennifer Burnham
 Map Revised: 9/15/2023
 Map Phase: Web Post

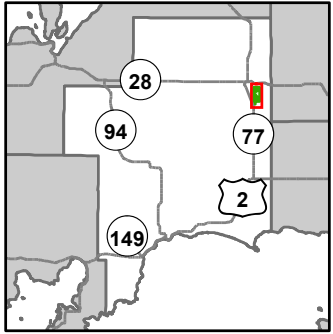


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Paved Road
- Private - Dirt / Gravel Road
- Snowmobile Trails
- Designated Snowmobile Trails
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Powerline
- Compartment Boundary
- Treatments with Site Conditions
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Seed Tree (w/Reserves)
- Regeneration Survey
- 411 - Northern Hardwood
- 413 - Aspen
- 414 - Other Upland Deciduous
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub

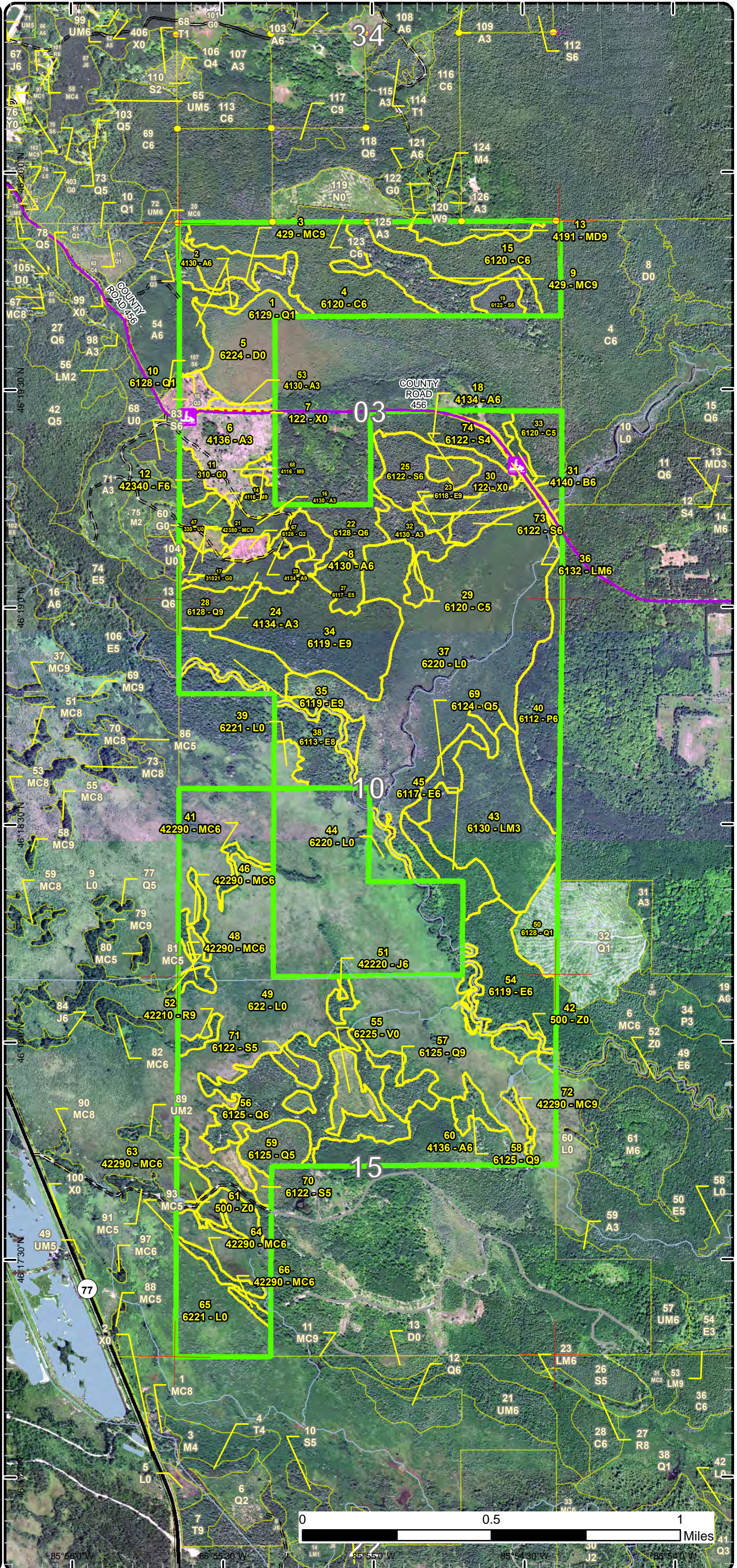


Stand Boundary Map

Compartment: 3
 T45N,R13W, Sec: 03, 10, 15
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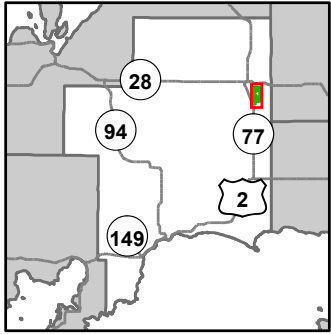
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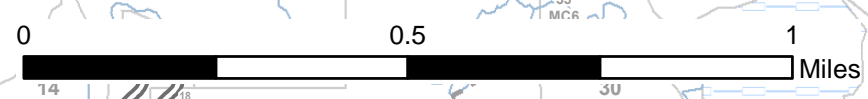
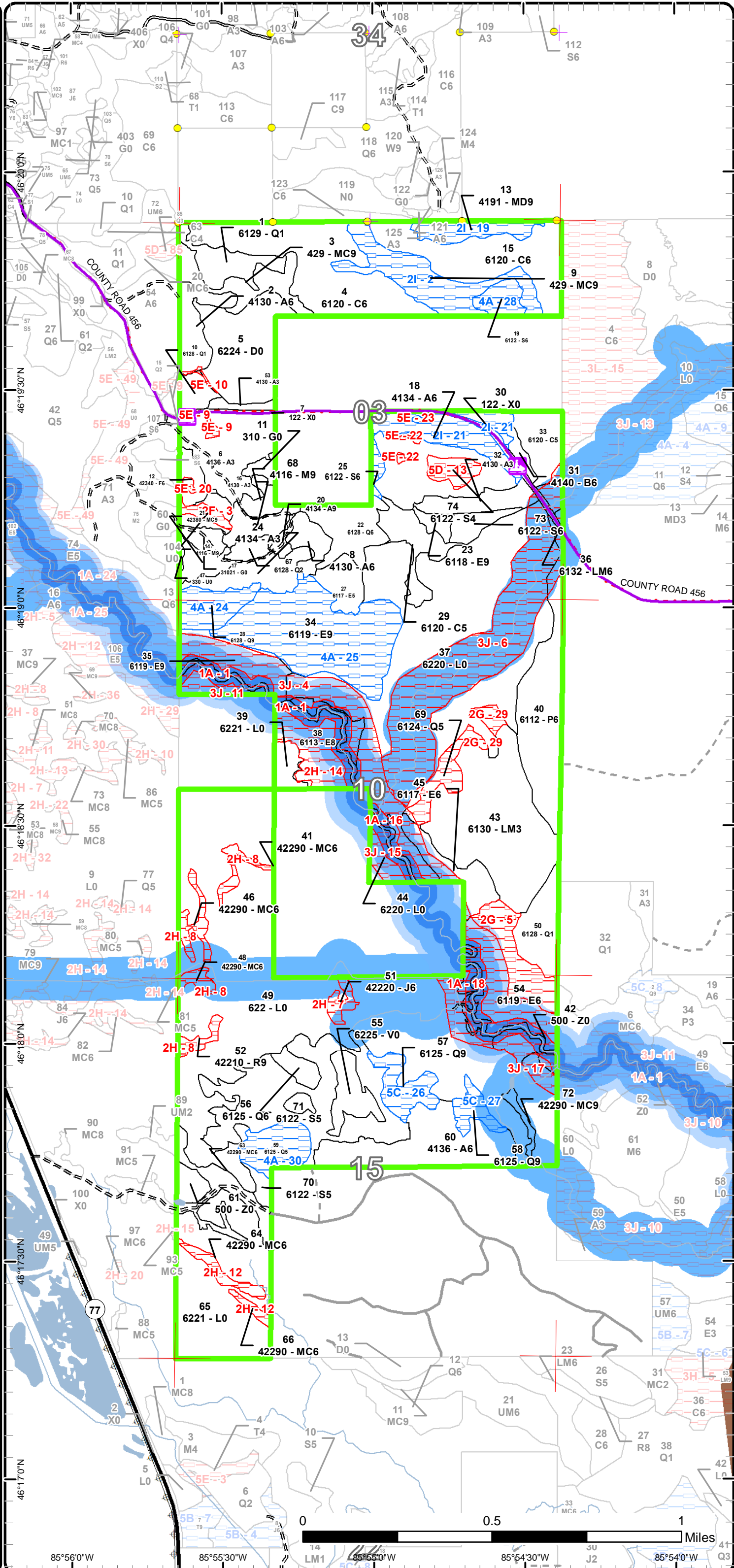
85°56'0" W 85°55'30" W 85°55'0" W 85°54'30" W 85°54'0" W

Special Conservation Areas

Compartment: 3
 T45N,R13W, Sec: 03, 10, 15
 County: Schoolcraft
 Unit: Shingleton
 Mgmt Area: Seney Lake Plain
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- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Powerline
- Compartment Boundary
- Available w/ Constraints
- 2I: Survey needed
- 4A: No Markets Available for these Forest Products
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 1A: Federal/State/Local Law
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3J: Water quality / BMPs (stream, river, or lake)
- 5D: Unproductive Forest Land
- 5E: Long-Term Retention
- Stand Boundaries
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- High Priority Trout Stream Buffer



85°56'0"W 85°55'30"W 85°55'0"W 85°54'30"W 85°54'0"W



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	30	0	30	46	29	2	0	0	0	0	0	0	0	0	0	0	0	137
Bog	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Cedar	0	0	0	0	0	0	0	0	0	12	0	13	84	0	0	0	0	0	109
Herbaceous Openland	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Jack Pine	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
Lowland Aspen/Balsam Poplar	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Lowland Conifers	0	9	14	0	60	15	0	0	16	35	0	0	0	0	0	0	0	0	149
Lowland Deciduous	0	0	0	0	0	24	0	0	80	23	44	0	0	0	0	0	0	0	171
Lowland Mixed Forest	0	0	0	62	0	0	0	0	0	0	0	1	0	0	0	0	0	0	63
Lowland Shrub	473	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	473
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	5	40	5	0	0	0	0	0	0	0	49
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	10
Natural Mixed Pines	0	0	0	0	18	2	5	6	0	0	0	0	0	0	0	0	0	0	31
Northern Hardwood	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	11
Paper Birch	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Red Pine	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3
Treed Bog	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
Upland Conifers	0	0	0	0	0	0	0	0	7	13	0	0	26	0	0	0	0	0	46
Upland Spruce/Fir	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	6
Urban	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Water	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Total	546	39	14	92	161	70	10	12	108	144	52	14	110	0	0	0	0	0	1370



Report 2 – Treatment Summary

Shingleton Mgt. Unit
Year of Entry: 2025

Acres of Harvest

Compartment 3
Total Compartment Acres: 1,369

Commercial Harvest - 34
Harvests with Site Condition - 70
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overshoot Removal	Salvage	Other	Total Acres
Aspen	22	0	0	0	0	0	0	0	0	22
Lowland Deciduous	3	0	0	0	0	0	0	0	0	3
Lowland Spruce/Fir	30	0	0	0	0	0	0	0	0	30
Mixed Upland Deciduous	10	0	0	0	0	0	0	0	0	10
Northern Hardwood	0	7	0	0	0	0	0	0	0	7
Upland Conifers	1	0	0	26	0	0	0	0	0	27
Upland Spruce/Fir	6	0	0	0	0	0	0	0	0	6
Total	71	7	0	26	0	0	0	0	0	104

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	104	0	0	0	0	0	0	0	0	104
Next Step	0	1	1	0	0	0	105	0	0	106
Total	104	1	1	0	0	0	105	0	0	209



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

9	41003009-Cut	26.1	429 - Mixed Upland Conifers	Sawtimber Well	112	51-80	Harvest	Seed Tree with Retention	429 - Mixed Upland Conifers	Even-Aged	No
<p><u>Prescription</u> Harvest all species leaving wind firm pine, 1 per acre where possible. Additional retention will be in the areas of steep slope and poor operability.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Regeneration will be the species currently listed under the canopy species.</p> <p><u>Other Comment:</u> Harvest in frozen or dry conditions.</p> <p><u>Site Condition</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
12	41003012-Cut	5.5	42340 - Upland Spruce/Fir	Poetimber Well	61	81-110	Harvest	Clearcut with Retention	42330 - Upland Fir	Even-Aged	No
<p><u>Prescription</u> Final harvest leaving the retention in the wet low area of the stand. Harvest with stand 41083 to the west.</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> Regeneration will be the species currently in the canopy list.</p> <p><u>Other Comment:</u> Harvest during dry conditions or frozen ground to protect soils.</p> <p><u>Site Condition</u> Long-Term Retention</p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											
13	41003013-Cut	9.5	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	83	81-110	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	No
<p><u>Prescription</u> Harvest all species except white pine, hemlock, and 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> Regeneration will be the species currently in the canopy list.</p> <p><u>Other Comment:</u> Access from the north through 41112.</p> <p><u>Site Condition</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2025</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
14 41003014-Cut	6.7	4116 - Mixed N. Hardwood - Aspen	Sawtimber Well	83	111-140	Harvest	Group Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> Reduce BA down to 60-90 BA and introduce canopy gaps for regeneration.</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> Northern hardwood species.</p> <p><u>Other Comment:</u> The site condition of too steep and the acreage may change based on line work. The south part of the stand may or may not be harvested based what is found in the opening.</p> <p><u>Site Condition</u> Too Steep</p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
18 41003018-Cut	22.0	4134 - Aspen, Spruce/Fir	Poletimber Well	47	1-50	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Leave cedar. Add drumming log spec to the contract.</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> Regeneration will be the species currently in the canopy list.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
23 41003023-Cut	3.0	6118 - Lowland Deciduous with Cedar	Sawtimber Well	78	81-110	Harvest	Clearcut	611 - Lowland Deciduous Forest	Even-Aged	No
<p><u>Prescription</u> No retention due to small acreage.</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> Regeneration will be the species currently in the canopy list.</p> <p><u>Other Comment:</u> Harvest during frozen conditions to protect the soil.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
25 41003025-Cut	25.0	6122 - Black Spruce	Poletimber Well	83	51-80	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	No
<p><u>Prescription</u> Harvest all species, cutting cedar only for operability. Retention will be in areas where there are unmerchantable areas throughout the stand and up against stand 74 boundary.</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> Regeneration will be the species currently in the canopy list.</p> <p><u>Other Comment:</u> Harvest on frozen conditions to protect the soil.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 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
73 41003073-Cut	5.4	6122 - Black Spruce	Poletimber Well	78	81-110	Harvest	Clearcut	6122 - Black Spruce	Even-Aged	No
<p><u>Prescription</u> No retention due to small acreage. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> Regeneration will be the species currently in the canopy list. <u>Other Comment:</u> Harvest during frozen conditions to protect the soil. <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2024</p>										
83 41004083-Cut	5.3	6122 - Black Spruce	Poletimber Well	103	81-110	Harvest	Clearcut	6122 - Black Spruce	Even-Aged	No
<p><u>Prescription</u> No retention due to small acreage and the retention found in stand 12 to the east. Harvest with stand 41003012 to the east. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> Regeneration will be the species currently listed in the canopy list. <u>Other Comment:</u> Harvest in dry conditions or frozen ground to protect soils. <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2024</p>										

Approved Treatments:

21 41003021_sm all West	0.5	42380 - Non Pine Upland Conifer, Mixed Deciduous	Sawtimber Well	70	81-110	Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Even-Aged	No
<p><u>Prescription</u> Harvest all trees living retention along edge. Stand could be cut in the summer, Access road has some steep hills that could be an issue. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Intermediate); SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr) <u>Treatments:</u> <u>Acceptable Regen:</u> Any current species. <u>Other Comment:</u> May want to consider artificial regen. Higher ground could possible support red or jack pine. <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2018</p>										

Total Treatment Acreage Proposed: 109

Report 4 – Site Conditions

Shingleton Mgt. Unit
Jennifer Burnham : Examiner

Compartment: 3
Year of Entry: 2025

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions										
		With Condition	Not Available		2I	4A	5C	1A	2F	2G	2H	3J	5D	5E	ed
136	113	22	2	Aspen	22							0		1	
12	12	0	0	Bog											
109	108	0	1	Cedar								1			
7	7	0	0	Herbaceous Openland											
3	0	0	3	Jack Pine							3				
34	33	0	1	Lowland Aspen/Balsam Poplar								1			
151	99	40	12	Lowland Conifers		24	16			11		0		0	
170	22	55	93	Lowland Deciduous		55		22		15	14	42			0
63	62	0	1	Lowland Mixed Forest								1			
473	366	0	107	Lowland Shrub				7			0	100			
49	37	6	6	Lowland Spruce/Fir		6							5	1	
9	0	9	0	Mixed Upland Deciduous	9										
31	14	0	17	Natural Mixed Pines							17				
11	8	0	3	Northern Hardwood					3						
3	3	0	0	Paper Birch											
3	0	0	3	Red Pine							3				
32	31	0	0	Treed Bog										0	
46	20	26	0	Upland Conifers	26										
6	5	0	1	Upland Spruce/Fir					0					1	
6	4	0	1	Urban								1			
16	4	0	12	Water				11				0			
1,369	948	159	262	Total Forested Acres	57	85	16	40	3	26	37	147	5	3	0
	69%	12%	19%	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	1A: Federal/State/Local Law	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
Fox River Natural River 100' zone.							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Jennifer Burnham : Examiner

Compartment: 3
Year of Entry: 2025

2	Available	2I: Survey needed	26	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	2F: Too steep	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Best guess, using topo and field check.							
4	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	56	1C: Other dept or div proc/practices	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	70	1C: Other dept or div proc/practices	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Jennifer Burnham : Examiner

Compartment: 3
Year of Entry: 2025

8	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	1C: Other dept or div proc/practices	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	5D: Unproductive Forest Land	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Jennifer Burnham : Examiner

Compartment: 3
Year of Entry: 2025

14	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	14	3J: Water quality / BMPs (stream, river, or lake)	1C: Other dept or div proc/practices	Unspecified	Unspecified
Comments:							
15	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	4	1C: Other dept or div proc/practices	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	1A: Federal/State/Local Law	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Fox river Natural River 100' zone.							
17	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	1A: Federal/State/Local Law	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Fox River Natural River 100' zone.							
19	Available	2I: Survey needed	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Jennifer Burnham : Examiner

Compartment: 3
Year of Entry: 2025

21	Available	2I: Survey needed	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
22	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments: I believe this is where a large white pine is located. A retention pocket could be placed here.							
24	Available	4A: No Markets Available for these Forest Products	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand was previously prepped, and sale returned with no harvesting taking place.							
25	Available	4A: No Markets Available for these Forest Products	55	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Sale was prepped, and returned with no harvest work completed.							
26	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Jennifer Burnham : Examiner

Compartment: 3
Year of Entry: 2025

28	Available	4A: No Markets Available for these Forest Products	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
29	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
30	Available	4A: No Markets Available for these Forest Products	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments: When harvesting 57 and 58, maybe possible to harvest the edges of this stand.							
31	Unspecified	Unspecified	0				
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	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.
HCVA	Natural Rivers	There are two Natural Rivers datasets which are derived from spatial buffers set from an established and approved distance from the river centerlines. The Natural Rivers Zoning District is a 400 foot buffer for most Natural Rivers. The Vegetative Buffer ranges from 25 to 100 feet.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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1	6129 - Mixed Coniferous Lowland Forest	Sapling Poor	11.4	39	1-50	N/A	Treed bog.
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Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	40	Sapling/Pole	4	40
Northern White Cedar	30	Sapling/Pole	4	40
White Pine	10	Pole/Sapling	5	
Tamarack	20	Sapling/Pole	4	

2	4130 - Aspen	Poletimber Well	11.7	38	1-50	N/A	Looks good.
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Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	5	Sapling	3	
Bigtooth Aspen	35	Pole/Sapling	5	
White Pine	10	Log/Pole/XLog	16	
Black Spruce	5	Pole/Sapling	6	
Quaking Aspen	45	Pole/Sapling	5	38

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	< 5 feet	Sapling
Red Maple	Low	< 5 feet	Sapling

3	429 - Mixed Upland Conifers	Sawtimber Well	13.4	83	51-80	N/A	East side contains more black spruce, tamarack and fir in the lower lying area. The ridge does not have as much BA as the low areas. Aspen starting to die out and there are pockets of dead jack pine.
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Canopy Species	% Cover	Size Class	DBH	Age
White Pine	25	Log/Pole	14	
Quaking Aspen	10	Pole/Log	9	
Red Pine	20	Log/Pole	12	
Northern White Cedar	5	Pole/Sapling	8	83
Red Maple	5	Pole	6	
Balsam Fir	5	Pole/Sapling	6	
Black Spruce	25	Pole/Sapling	7	83
Tamarack	5	Pole/Sapling	6	

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

4	6120 - Lowland Cedar	Poletimber Well	48.7	117	81-110	N/A	BA of 80-90. All species are over mature except for the cedar. There are scattered large white pine, especially near the edge of ridges. Cedar quality is not as good as stand 15. There are areas of cedar regeneration 1 - 4 foot in height.
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Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	5	Pole/Sap/Log	6	
Black Spruce	15	Pole	7	
Northern White Cedar	70	Pole/Sap/Log	9	118
Red Maple	5	Pole	7	
Paper Birch	5	Pole/Sap/Log	8	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Medium	5 - 10 feet	Tall Shrub

5	6224 - Treed Bog	Nonstocked	31.6		Immature	No	
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Sub-Canopy Species	Density	Avg. Height	Size
Tamarack	Trace	Variable	Sapling
American Crab Tree	Low	5 - 10 feet	Tall Shrub
White Pine	Low	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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6	4136 - Aspen, Mixed Conifer	Sapling Well	27.1	6	1-50	N/A	Regeneration doing really well. TS: 41-001-15. Cut in 2016
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	20	Sapling	3	7
Red Pine	5	Log/Pole	12	
Black Cherry	5	Sapling	3	
Paper Birch	5	Sapling	1	
White Pine	5	Pole	9	
Balsam Fir	10	Sapling	1	
Quaking Aspen	30	Sapling	3	7
Bigtooth Aspen	20	Sapling	3	

7	122 - Road/Parking Lot	Nonstocked	1.3			No	Old Seney Road
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8	4130 - Aspen	Poletimber Well	6.8	44	1-50	N/A	This is a borderline wet stand upland/ lowland could go either way.
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Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	20	Pole	8	
Black Spruce	5	Pole	7	
Paper Birch	2	Pole	8	
Balsam Fir	7	Pole/Sapling	6	
Quaking Aspen	60	Pole	8	44
Red Maple	6	Pole/Sapling	7	

Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	Low	5 - 10 feet	Sapling
Red Maple	Low	5 - 10 feet	Sapling
Black Spruce	Low	5 - 10 feet	Sapling
Balsam Fir	Low	5 - 10 feet	Sapling

9	429 - Mixed Upland Conifers	Sawtimber Well	26.1	112	51-80	N/A	This stand is a composite of ridges and connecting lowlands, with a mix of species and densities. In some areas, red pine is dominant and in the lower areas spruce and birch dominate. All species are mature and ready for a harvest.
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Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	5	Log/Pole/Sap	10	
Black Spruce	25	Pole/Log/Sap	8	83
Jack Pine	5	Pole	7	
Northern White Cedar	5	Pole/Log	7	
White Pine	20	Log/Pole/Sap	14	
Paper Birch	5	Pole/Log/Sap	8	
Red Pine	30	Log/Pole/XLog	12	112
Balsam Fir	5	Pole/Log/Sap	7	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	Variable	Sapling
Red Pine	Low	Variable	Sapling
White Pine	Low	Variable	Sapling
Black Spruce	Low	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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10	6128 - Lowland Coniferous, Mixed Deciduous	Sapling Poor	5.2	7	1-50	N/A	2023- Regeneration check shows trees filling in, being a lowland type, it will need a couple more years for the regeneration to meet height requirements. TS: 41-001-15 unit 1. Cut in 2016.
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Canopy Species	% Cover	Size Class	DBH	Age
Tamarack	30	Sapling	1	7
Black Spruce	25	Sapling	1	
Balsam Fir	10	Sapling	1	
Red Maple	10	Sapling	1	
Quaking Aspen	5	Sapling	1	
Paper Birch	5	Sapling	1	
White Pine	15	Log/Pole	12	

Sub-Canopy Species	Density	Avg. Height	Size
Labrador Tea	Low	5 - 10 feet	Tall Shrub
Cattail spp.	Medium	Unspecified	Non-Wood

11	310 - Herbaceous Openland	Nonstocked	2.6			No	Need to discuss treatment of this stand and the boundaries of the area.
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12	42340 - Upland Spruce/Fir	Poletimber Well	5.5	61	81-110	N/A	BA closer to 80.
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Canopy Species	% Cover	Size Class	DBH	Age
Hemlock	5	Log	14	
Red Maple	10	Log/Pole	10	
Balsam Fir	50	Pole	7	61
Quaking Aspen	5	Log/Pole	10	
Black Spruce	20	Pole/Sapling	7	83
White Pine	10	Log/Pole	12	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Trace	5 - 10 feet	Tall Shrub

13	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	9.5	83	81-110	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	5	Pole/Sap/Log	8	
Hemlock	5	Pole/Log	8	
Balsam Fir	5	Pole	7	
Paper Birch	20	Log/Pole	9	
Red Maple	45	Log/Pole	12	83
Northern White Cedar	10	Log/Pole	10	
White Pine	5	XLog/Log	18	
Yellow Birch	5	Log/Pole	12	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																																	
14	4116 - Mixed N. Hardwood - Aspen	Sawtimber Well	6.7	83	111-140	N/A	There is aspen along the edges of this stand, with part if the acreage on an inoperable slope. In some places the hardwood is of moderate quality with red maple dominating the stand. There are some other issues related to the operability that are located in the management considerations.																																																																																	
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15	6120 - Lowland Cedar	Poletimber Well	35.3	117	81-110	N/A	Tamarack is dying out. There is some cedar regeneration in the understory 1 - 4 foot in height.																																																																																	
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16	4130 - Aspen	Sapling Well	7.4	24	1-50	N/A	Some stems becoming merchantable. Cut in 1999 under sale 41-051-97-01, TCR dated 5/3/01.																																																																																	
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17	31021 - Cool Season Grass	Nonstocked	3.9			Managed Opening	Need to discuss treatment of this stand and the boundaries of the area.																																																																																	
18	4134 - Aspen, Spruce/Fir	Poletimber Well	22.0	47	1-50	N/A	Trace amount of hemlock on higher ground.																																																																																	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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19 6122 - Black Spruce Poletimber Well 6.2 83 51-80 N/A Very low end of the basal area with wet ground with the best spruce near the ridge edges. The further interior the smaller the DBH and height. Center may never become truly merchantable.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	2	Pole/Sapling	7	
Quaking Aspen	2	Pole/Sapling	7	
Red Maple	2	Pole/Sapling	7	
Black Spruce	84	Pole/Sapling	6	83
Paper Birch	2	Pole/Sapling	7	
Balsam Fir	8	Pole/Sapling	7	

20 4134 - Aspen, Spruce/Fir Sawtimber Well 1.9 51 51-80 N/A Need to discuss treatment of this stand and the boundaries of the area.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	50	Log/Pole	12	51
Balsam Fir	5	Sapling/Pole	4	
Black Spruce	35	Log/Pole	10	
Red Maple	5	Pole	8	
Paper Birch	5	Pole	9	

21 42380 - Non Pine Upland Conifer, Mixed Deciduous Sawtimber Well 6.1 70 81-110 N/A There is a patch of dead tamarack, and this area is expanding. Sub canopy is found in the dead and blow down areas.

Canopy Species	% Cover	Size Class	DBH	Age
Tamarack	30	Log/Pole	12	
Black Spruce	30	Pole/Sap/Log	9	70
Balsam Fir	5	Pole/Sap/Log	7	
Paper Birch	5	Pole/Sap/Log	7	
Quaking Aspen	20	Pole/Sap/Log	8	
Red Maple	5	Log/Pole/Sap	10	
Black Cherry	5	Pole	9	

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Medium	5 - 10 feet	Sapling
Red Maple	Low	Variable	Sapling
Tag Alder	Medium	5 - 10 feet	Tall Shrub
Paper Birch	Low	10 - 20 feet	Sapling
Balsam Fir	Low	Variable	Sapling

22 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Well 15.2 44 51-80 N/A Wet stand, about 1/2-foot elevation difference from stand 8. More open areas with ash and tag alder than what appears on the photos.

Canopy Species	% Cover	Size Class	DBH	Age
Black Ash	15	Pole/Sapling	5	
Black Spruce	30	Pole	8	
Balsam Fir	5	Pole/Sapling	5	
Paper Birch	5	Pole/Sapling	6	
Quaking Aspen	10	Pole/Sapling	6	
Northern White Cedar	35	Pole/Sap/Log	9	44

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



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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23 6118 - Lowland Deciduous with Cedar Sawtimber Well 3.0 78 81-110 N/A BA is closer to 80. DBH has the possibility of getting larger, short trees with good form.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	20	Pole	7		Black Spruce	Low	5 - 10 feet	Sapling
Balsam Fir	5	Pole/Sapling	6					
White Pine	5	Log/Pole	12					
Red Maple	45	Log/Pole	10	78				
Paper Birch	5	Pole/Sapling	7	78				
Northern White Cedar	20	Pole	8					

24 4134 - Aspen, Spruce/Fir Sapling Well 13.3 24 1-50 N/A Cut in 1999 under sale 41-051-97-01, TCR dated 5/3/01. Stand has some wet areas that have come back to a mix of ash and tag alder. This is a borderline wet stand upland/ lowland could go either way.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Sapling	2		Tag Alder	Low	5 - 10 feet	Tall Shrub
Black Cherry	5	Sapling	4					
Bigtooth Aspen	15	Sapling	3	24				
Balsam Fir	10	Sapling	2					
Quaking Aspen	45	Sapling	3	24				
Yellow Birch	5	Sapling	3					
Black Spruce	10	Sapling	3					
American Elm	5	Sapling	2					

25 6122 - Black Spruce Poletimber Well 25.0 83 51-80 N/A Outer edge has a BA closer to 80. The trees are short but good form. The inner part of the stand has some areas that have unmerchantable trees.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Poplar	5	Pole/Sapling	7		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Tamarack	5	Pole	6		Black Spruce	Low	5 - 10 feet	Sapling
Northern White Cedar	5	Pole	8					
Black Spruce	65	Pole/Sapling	7	83				
White Pine	5	Log	14	83				
Balsam Fir	10	Pole/Sapling	6					
Red Maple	5	Pole/Sap/Log	8					

27 6117 - Lowland Deciduous, Mixed Coniferous Poletimber Medium 8.6 72 51-80 N/A High water table in the area. The ash is surviving in much of the stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Ash	10	Pole/Sapling	6		Tag Alder	Low	5 - 10 feet	Tall Shrub
Red Maple	50	Pole/Sapling	7	72				
Balsam Fir	20	Pole/Sapling	6					
Black Spruce	10	Pole/Sapling	7					
American Elm	10	Pole/Sapling	6					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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28 6128 - Lowland Coniferous, Mixed Deciduous Sawtimber Well 11.3 80 81-110 N/A If stand to the south is cut this one could be cut as well.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	20	Pole/Log	8	
Black Spruce	26	Log/Pole	10	80
Northern White Cedar	25	Log/XLog	10	80
American Elm	7	Pole/Sapling	6	
Black Ash	5	Pole/Sapling	6	
Red Maple	5	Pole/Log	8	
Yellow Birch	3	Pole/Log	7	
Quaking Aspen	3	Pole/Log	8	
Paper Birch	6	Pole/Log	8	

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

29 6120 - Lowland Cedar Poletimber Medium 12.4 85 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Yellow Birch	2	Pole	7	
Paper Birch	3	Pole	7	
Black Spruce	10	Pole/Sapling	6	
Hemlock	5	Pole	7	
Red Maple	5	Pole	6	
Balsam Fir	20	Pole/Sapling	7	
Northern White Cedar	50	Pole	7	85
Tamarack	5	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	5 - 10 feet	Sapling
Black Spruce	Medium	5 - 10 feet	Sapling
Northern White Cedar	Medium	5 - 10 feet	Sapling

30 122 - Road/Parking Lot Nonstocked 4.2 No Old Seney Road.

31 4140 - Other Upland Deciduous Poletimber Well 2.7 35 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	2	Pole	7	
Paper Birch	70	Pole/Sapling	6	35
Quaking Aspen	20	Pole/Sapling	6	
White Pine	2	Pole	9	
Balsam Fir	2	Pole/Sapling	6	
Hemlock	4	Pole	7	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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32 4130 - Aspen Sapling Well 9.7 22 Immature N/A Nice regeneration.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	2	Sapling	2	
Quaking Aspen	60	Sapling	3	22
Bigtooth Aspen	25	Sapling	2	
Black Spruce	3	Sapling	2	
Balsam Fir	10	Sapling	2	

33 6120 - Lowland Cedar Poletimber Medium 12.7 106 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Pole/Sapling	7		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Black Spruce	5	Pole/Sapling	7					
Tamarack	5	Pole	6					
Paper Birch	5	Pole/Sapling	7					
Black Ash	5	Pole/Sapling	6					
Northern White Cedar	70	Pole	8	106				

34 6119 - Mixed Lowland Deciduous Forest Sawtimber Well 55.1 72 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
American Elm	3	Pole/Sapling	6		Balsam Fir	Low	< 5 feet	Sapling
Red Maple	43	Log/Pole	10	72	Black Ash	Low	10 - 20 feet	Sapling
Black Spruce	3	Pole/Sapling	10		Red Maple	Low	5 - 10 feet	Sapling
Balsam Fir	2	Pole/Sapling	5		Green Ash	Medium	Unspecified	Sapling
Paper Birch	3	Pole/Sap/Log	8					
Northern White Cedar	3	Pole/Sapling	8					
Sugar Maple	3	Pole/Sapling	7					
Green Ash	10	Pole	8					
Black Ash	30	Pole/Sapling	6					

35 6119 - Mixed Lowland Deciduous Forest Sawtimber Well 23.6 41 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Ash	30	Pole/Sapling	6	41	Tag Alder	Medium	5 - 10 feet	Tall Shrub
Northern White Cedar	5	Log/Pole	10					
Red Maple	45	Log/Pole	10	41				
Paper Birch	10	Pole	7					
Black Spruce	10	Pole/Sapling	6					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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36 6132 - Mixed Lowland Forest with Cedar Poletimber Well 1.4 106 51-80 N/A Small stands near the river.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Tamarack	5	Pole	8		Tag Alder	Low	5 - 10 feet	Tall Shrub
Red Maple	15	Pole/Sapling	7		Balsam Fir	Low	5 - 10 feet	Sapling
Northern White Cedar	40	Pole	8	106				
Black Ash	5	Pole/Sapling	6					
Quaking Aspen	15	Pole	7					
Black Spruce	10	Pole/Sapling	7					
Paper Birch	10	Pole/Sapling	7					

37 6220 - Alder/willow Nonstocked 181.0 No

38 6113 - Lowland Maple Sawtimber Medium 23.2 83 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	10	Pole	7		Tag Alder	Low	5 - 10 feet	Tall Shrub
Northern White Cedar	5	Pole	8					
Quaking Aspen	10	Pole	8					
Red Maple	65	Log/Pole	10	83				
Black Ash	5	Pole/Sapling	7					
Black Spruce	5	Pole	7					

39 6221 - Fen Nonstocked 5.2 No

40 6112 - Lowland Aspen Poletimber Well 34.2 35 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Tamarack	5	Sapling	2		Tag Alder	Low	Variable	Tall Shrub
Red Maple	5	Sapling	2					
Quaking Aspen	52	Sapling	2	35				
Bigtooth Aspen	25	Sapling	2					
Balsam Fir	4	Sapling	2					
Northern White Cedar	5	Pole	8					
Black Spruce	4	Sapling	2					

41 42290 - Natural Mixed Pine Poletimber Well 3.0 66 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	50	Pole	7	66	Tag Alder	Low	5 - 10 feet	Tall Shrub
Quaking Aspen	10	Pole/Sapling	6					
White Pine	15	Pole	6					
Red Maple	5	Pole/Sapling	6					
Red Pine	20	Log/XLog/Pole	12	96				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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42 500 - Water Nonstocked 11.7 No

43 6130 - Fir, Aspen, Maple Sapling Well 61.8 22 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	20	Sapling	2	
Northern White Cedar	15	Pole	8	
Paper Birch	10	Sapling	2	
Balsam Fir	15	Sapling	1	
Black Spruce	10	Sapling	2	
Tamarack	3	Sapling	2	
Quaking Aspen	27	Sapling	3	22

44 6220 - Alder/willow Nonstocked 7.3 No

45 6117 - Lowland Deciduous, Mixed Coniferous Poletimber Well 12.6 75 1-50 N/A Stand gets wet and has less timber than stand 43 had before harvest.

Canopy Species	% Cover	Size Class	DBH	Age
Black Ash	15	Pole/Sapling	5	
Quaking Aspen	20	Pole	7	75
Northern White Cedar	5	Pole	8	
Balsam Fir	15	Pole/Sapling	6	
American Elm	10	Sapling/Pole	3	
Black Spruce	20	Pole/Sapling	6	
Red Maple	15	Pole/Log	8	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Medium	5 - 10 feet	Tall Shrub

46 42290 - Natural Mixed Pine Poletimber Well 4.9 55 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Pole	8	
Paper Birch	5	Pole	7	
Black Spruce	5	Pole	8	
Red Pine	30	Log	12	
Jack Pine	15	Pole	7	
White Pine	40	Pole/Log	8	55

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Low	5 - 10 feet	Tall Shrub



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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47 42380 - Non Pine Upland Conifer, Mixed Deciduous Sawtimber Well 0.5 70 81-110 N/A 2022- This stand 47, is part of the original stand 21 that was added to the harvest in compartment 41004.
2018- The northeast part of this stand has a lot of mature aspen and should be harvested it will add up to about 4 acres.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Log/Pole/Sap	10	
Paper Birch	5	Pole/Sap/Log	7	
Quaking Aspen	20	Pole/Sap/Log	8	
Balsam Fir	5	Pole/Sap/Log	7	
Black Spruce	30	Pole/Sap/Log	9	70
Tamarack	30	Log/Pole	12	

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Medium	5 - 10 feet	Sapling
Paper Birch	Low	10 - 20 feet	Sapling
Tag Alder	Medium	5 - 10 feet	Tall Shrub
Balsam Fir	Low	Variable	Sapling
Red Maple	Low	Variable	Sapling

48 42290 - Natural Mixed Pine Poletimber Well 2.7 65 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	5	Pole/Log	8	
Tamarack	5	Pole	7	
Red Pine	30	Pole/Log	9	
Red Maple	5	Pole/Log	8	
Black Spruce	5	Pole/Log	8	
White Pine	50	Pole/Log	8	65

49 622 - Lowland Shrub Nonstocked 223.5 No

50 6128 - Lowland Coniferous, Mixed Deciduous Sapling Poor 14.2 10 1-50 N/A 2023- Due to the wet ground, stand needs time for regeneration to fill in.
Cut in sale 41-023-08-01, some trees around the edges left as retention regeneration check next cycle.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	10	Sapling	4	
Paper Birch	10	Sapling	1	
Tamarack	10	Sapling	1	
Red Maple	10	Sapling	1	
Black Spruce	20	Sapling	1	10
Balsam Fir	20	Sapling	1	

Sub-Canopy Species	Density	Avg. Height	Size
Bog Birch	Low	5 - 10 feet	Tall Shrub
Tag Alder	Low	5 - 10 feet	Tall Shrub
Cattail spp.	Low	Unspecified	Non-Wood

51 42220 - Natural Jack Pine Poletimber Well 3.3 52 51-80 N/A Inaccessible island in the marsh.

Canopy Species	% Cover	Size Class	DBH	Age
Jack Pine	85	Pole	7	52
Red Pine	5	Log/Pole	12	
White Pine	5	Log	12	
Black Spruce	5	Pole	7	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	Variable	Sapling
Jack Pine	Low	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
52	42210 - Natural Red Pine	Sawtimber Well	2.8	96	51-80	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Black Spruce		5	Pole	7		Tamarack	
Red Pine		75	Log/Pole	12	96	Red Maple	
White Pine		20	Log/XLog/Pole	12			
						Density	Avg. Height
						Low	Variable
						Low	Variable
							Size
							Sapling
							Sapling
53	4130 - Aspen	Sapling Well	2.4	7	Immature	N/A	TS: 41-001-15 Unit 2. Aspen is growing back strong and stand is fully stocked
Canopy Species		% Cover	Size Class	DBH	Age		
Balsam Fir		5	Sapling	2			
Quaking Aspen		55	Sapling	3	7		
Bigtooth Aspen		20	Sapling	3			
Red Maple		10	Sapling	3			
White Pine		10	Pole/Sap/Log	9			
54	6119 - Mixed Lowland Deciduous Forest	Poletimber Well	44.0	96	51-80	N/A	Low hardwood mixed with spruce, too wet and in river corridor.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Black Spruce		15	Log/Pole	10		Tag Alder	
Paper Birch		20	Pole/Log/Sap	8	96	Low	
American Elm		10	Pole/Sapling	6		5 - 10 feet	
Black Ash		10	Pole/Sapling	6		Tall Shrub	
Red Maple		45	Pole/Log/Sap	8	96		
55	6225 - Bog	Nonstocked	12.0			No	
56	6125 - Lowland Black Spruce, Jack Pine	Poletimber Well	49.3	35	1-50	N/A	Ridges contain the majority of the white and red pine, the low areas have the majority of the spruce and jack pine. The low ground is wet but could easily be harvested in the winter or very dry years.
Canopy Species		% Cover	Size Class	DBH	Age		
Red Maple		5	Pole/Sapling	6			
Red Pine		15	Pole	7			
Black Spruce		15	Pole/Sapling	5			
Jack Pine		45	Pole/Sapling	5	35		
White Pine		10	Log/Pole	12			
Quaking Aspen		5	Pole/Sapling	6			
Tamarack		5	Pole/Sapling	5			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
57	6125 - Lowland Black Spruce, Jack Pine	Sawtimber Well	10.3	76	51-80	N/A	Tamarack is dead; mature jack pine and white birch are starting to also fall out of the stand. If unable to harvest BA will continue to decrease.																																													
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58	6125 - Lowland Black Spruce, Jack Pine	Sawtimber Well	5.9	76	51-80	N/A	Tamarack is dead; mature jack pine and white birch are starting to also fall out of the stand. If unable to harvest BA will continue to decrease.																																													
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Labrador Tea	Medium	5 - 10 feet	Tall Shrub																																																	
59	6125 - Lowland Black Spruce, Jack Pine	Poletimber Medium	12.7	83	1-50	N/A	Was not harvested with the surrounding timber and the diameters still remain small. There is a ridge of high ground around the stand, and these trees will get larger.																																													
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60	4136 - Aspen, Mixed Conifer	Poletimber Well	33.8	36	51-80	N/A	Ridges have the better dbh and the low ground is something that could be harvested during the dry part of the year. Conifer is moving into the understory because the aspen is out competing them.																																													
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61	500 - Water	Nonstocked	4.4			No																																														



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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63	42290 - Natural Mixed Pine	Poletimber Well	12.1	35	51-80	N/A	Appears to have been harvested with the stands to the north. Unsure if there was any cult work or other timber harvesting since.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	10	Pole/Sap/Log	6		Tag Alder	Medium	5 - 10 feet	Tall Shrub
White Pine	20	Pole/Sap/Log	6					
Red Pine	15	Log/XLog/Pole	12					
Tamarack	5	Pole/Sap/Log	6					
Black Spruce	5	Pole/Sap/Log	6					
Jack Pine	40	Pole/Sap/Log	6	35				
Red Maple	5	Pole/Sap/Log	6					

64	42290 - Natural Mixed Pine	Poletimber Well	4.3	35	51-80	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	5	Sapling	6		Tag Alder	Medium	Variable	Tall Shrub
Paper Birch	5	Sapling	3	35				
Tamarack	5	Sapling	6					
Quaking Aspen	10	Pole/Sapling	6					
White Pine	20	Pole/Log	8	123				
Jack Pine	40	Pole	6	35				
Red Pine	15	Log/Pole	12					

65	6221 - Fen	Nonstocked	55.7			No	
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66	42290 - Natural Mixed Pine	Poletimber Well	1.8	35	1-50	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Pole/Sapling	6		Tag Alder	Low	5 - 10 feet	Tall Shrub
Black Spruce	5	Pole/Sapling	6					
White Pine	20	Pole/Log	8					
Red Pine	15	Log/Pole	12	124				
Tamarack	5	Pole/Sapling	6					
Quaking Aspen	10	Pole/Sapling	6					
Jack Pine	40	Pole/Sapling	6	35				

67	6128 - Lowland Coniferous, Mixed Deciduous	Sapling Medium	3.7	7	1-50	N/A	2023 - Regeneration from harvest is coming along. Due to wet ground, it needs more time to meet the height requirement.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Sapling	1		Mixed Sedges/Grasses	Medium	Unspecified	Non-Wood
Black Spruce	25	Sapling	1					
Paper Birch	5	Sapling	2					
Balsam Fir	10	Sapling	1					
Quaking Aspen	10	Sapling	1					

TS: 41-001-15 Unit 3. Cut in 2016.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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68 4116 - Mixed N. Hardwood - Aspen Sawtimber Well 4.5 86 81-110 N/A TS: 41-001-15 Unit 2. Aspen is growing back and stand is fully stocked.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	10	Log/Pole	12	
Balsam Fir	10	Pole/Sapling	7	
Quaking Aspen	15	Pole/Log	9	7
Beech	5	Log/Pole	12	
Red Maple	60	Log/Pole	10	86

69 6124 - Lowland Spruce-Fir Poletimber Medium 11.5 86 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	15	Pole	7	
Quaking Aspen	5	Log/Pole	9	86
Balsam Fir	20	Pole	7	
Black Spruce	35	Pole	7	86
Northern White Cedar	10	Pole	9	
Red Maple	15	Pole	9	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Medium	Variable	Tall Shrub
Balsam Fir	Low	5 - 10 feet	Sapling
Black Spruce	Low	Unspecified	Sapling

70 6122 - Black Spruce Poletimber Medium 2.6 83 1-50 N/A

Similar specie make up with the stand to the north. High water table will keep these trees suppressed.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	5	Pole/Sapling	5	
Jack Pine	40	Sapling/Pole	4	
Black Spruce	50	Sapling/Pole	4	83
Tamarack	5	Pole/Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
Labrador Tea	High	5 - 10 feet	Tall Shrub

71 6122 - Black Spruce Poletimber Medium 4.5 96 1-50 N/A

Area of lower ground. Canopy is almost into the 75-1100% cover. Trees are short and unproductive because of the high water table.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Pole/Sapling	6	
Quaking Aspen	5	Pole/Sapling	6	
Jack Pine	10	Pole/Sapling	5	
Tamarack	10	Pole/Sapling	5	
White Pine	5	Log/Pole	10	
Black Spruce	65	Pole/Sapling	5	96

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

72 42290 - Natural Mixed Pine Sawtimber Well 2.2 40 51-80 N/A Ridge in the lowland. No access.

Canopy Species	% Cover	Size Class	DBH	Age
Jack Pine	40	Pole/Sap/Log	6	40
White Pine	25	Log/Pole	12	
Red Pine	25	Log/Pole	12	
Red Maple	5	Pole/Sapling	6	
Quaking Aspen	5	Pole/Sapling	6	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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73	6122 - Black Spruce	Poletimber Well	5.4	78	81-110	N/A	BA is closer to 80. Trees are short but with good form. Stand becomes wetter the closer it gets to stand 37.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Log	12		Black Spruce	Low	5 - 10 feet	Sapling
White Pine	5	Log/Pole	12					
Tamarack	15	Pole/Sapling	6					
Black Spruce	65	Pole/Sapling	7	78				
Balsam Fir	5	Pole/Sapling	6					
Northern White Cedar	5	Pole	8					

74	6122 - Black Spruce	Poletimber Poor	5.5	83	51-80	N/A	Low area with suppressed trees.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	10	Pole/Sapling	6		Tag Alder	High	5 - 10 feet	Tall Shrub
White Pine	5	Log	14	83				
Red Maple	5	Pole/Sapling	6					
Balsam Poplar	5	Pole/Sapling	7					
Black Spruce	75	Pole/Sapling	6	83				