

# **Compartment Review Presentation**

**Newberry Forest Management Unit** 

Compartment 42133 Entry Year 2023 Acreage: 2,836 County Luce Management Area: Tahguamenon Basin Wetlands

Revision Date: 2021-12-29

#### Stand Examiner: Matt Payment

#### Legal Description:

T45N R8W Section 13-15, 22-24

#### **Identified Planning Goals:**

Timber and wildlife habitat are equally important management goals within the compartment, as the compartment lies within a winter deer yarding area. Treatments prescribed will help maintain forest productivity, forest health, species diversity, and age class diversity and continue to enhance the quality of the wildlife habitat. Maintain and/or improve the integrity of the deeryard and surrounding area.

#### Soil and topography:

The compartment is dominated by silt loam soil types. Millecoquins silt loam, Rudyard silt loam, Pickford silt loam, Ontonagon-Pickford, Sporley silt loam, and Rudyard-Pickford silt loam. These "heavy" soils support northern hardwoods, and aspen cover types. Lowland cover types such as mixed lowland conifers, cedar, lowland/swamp hardwoods, lowland white pine with hemlock, etc are found on Carbondale, Lupton and Tawas mucks, Gogomain muck, andDawson, Greenwood and Loxley Peats. The terrain throughout the compartment is level to slightly rolling.

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

The compartment is entirely State owned. The compartment is bordered to the north, west and south by State land. Adjacent to the east are two large non industrial private land owners. Development around the area is low. One permanent residence lies adjacent to the compartment along M-28. There are a few small camps within the vicinity of the compartment which are primarily used during hunting season. The main types of land use of the area are hunting snowmobile and ORV riding and timber production. The Toonerville Trolley is located north of the compartment.

#### **Unique Natural Features:**

MNFI lists the potential for rare plants of rich mesic forests: assiniboia sedge, showy orchis, ginseng, and goblin fern. Slight potential for marsh plants including sweet coltsfoot, Wiegand's sedge, northern prostrate clubmoss, fir clubmoss, English sundew, black crowberry, American shoregrass, moor rush, panicled screw-stem, Hill's pondweed, alga pondweed, alternate-leaved water-milfoil, and autumnal water star-wort. Potential for satiny willow along streams. Potential for red-shouldered hawk, eagle, osprey, and great blue heron rookery. Potential for wood turtle in creeks. Potential for Blanding's turtle. Potential for incurvate emerald, frigga fritillary, freija fritillary and ebony boghaunter in bog habitat.

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

None known

# **Special Management Designations or Considerations:**

The compartment lies within the Sage River Deeryard and is designated as a Special Conservation Area (SCA). Management decisions shall be dictated by the promotion and enhancement of the desired characteristics associated with the winter yarding habitat. Conifer canopies should remain undisturbed. Harvesting in these areas will likely take place during winter months.

# Watershed and Fisheries Considerations:

This compartment contains small unnamed cold streams draining to the East Branch Sage River. These streams are good for forage species movement during spawning. Any treatments near the riparian zones for these waterbodies should buffer 100 ft plus 5 ft per 1% increase in slope. In stands along the tributaries where Aspen is a major component, a 300 ft buffer should be implemented to discourage beaver activity.

# Wildlife Habitat Considerations:

Compartment 133 lies in southeastern Luce county in the Seney Sand Lake Plain ecological sub-subsection and is in the Tahquamenon Basin Wetlands Management Area with white-tailed deer, black bear, snowshoe hare and gray jay as featured species. The compartment lies within the Sage River Deer yard which supports high numbers of deer during

stressful winter periods. Numerous streams and drainages exist in the compartment and are important wildlife travel corridors. The northern portion of the compartment is dominated by northern hardwoods and aspen types while the more southern portions are primarily lowland types, both coniferous and deciduous. The Kneeland- Bigelow road is not drivable and serves as an important wildlife travel corridor.

Wildlife objectives will be achieved by harvests being timed to occur during winter months to benefit wintering deer (featured species). In addition, hemlock and cedar will be retained in harvested stands to provide crucial cover for wintering deer and black bear (featured species) refuge trees. Selection harvests in hardwood will retain a portion of scattered aspen to serve as food sources for ruffed grouse (featured species), future den and nest trees for marten (featured species) and flying squirrels and cavity nesting species such as woodpeckers, flycatchers, chickadees and saw-whet owls. Retained conifer in northern hardwoods will act as seed sources for birds and mammals, resting trees for fisher and marten as well as structural diversity for many species including deer and bobcat.

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

Sections 13-15 & 22-24, T45N-R8W, Luce County

No known potential exists for commercial oil & gas production in this part of the state, and there is no known potential for metallic minerals in this area. The nearest active sand/gravel pit is two miles to the northeast. There may be some limited potential for sand & gravel within the compartment on the uplands. No current mineral leasing activity exists in the area.

#### Vehicle Access:

: This compartment is located approximately 14 miles east of Newberry. Highway M-28 borders the compartment on the north. The Kneeland Bigelow Road runs north/south through the compartment. Vehicle travel on this seasonal road is dictated by weather conditions. A few other two track roads access the compartment from M-28 but only extend a short distance south. There are several abandoned/closed roads throughout the compartment from previous timber sale activity.

#### **Survey Needs:**

None at this time.

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

There are no established recreational facilities within the compartment. Recreational opportunities would be primarily hunting as well as bird watching.

#### **Fire Protection:**

The potential for large fire growth in this compartment is low because of the lowland of conifer and hardwood cover types. Much of the compartment is inaccessible with heavy equipment because of the heavier soils and soft ground. Most fires should be low intensity surface fires with slow rates of spread and may require modified suppression tactics.

### **Additional Compartment Information:**

The following reports from the Inventory are attached:

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

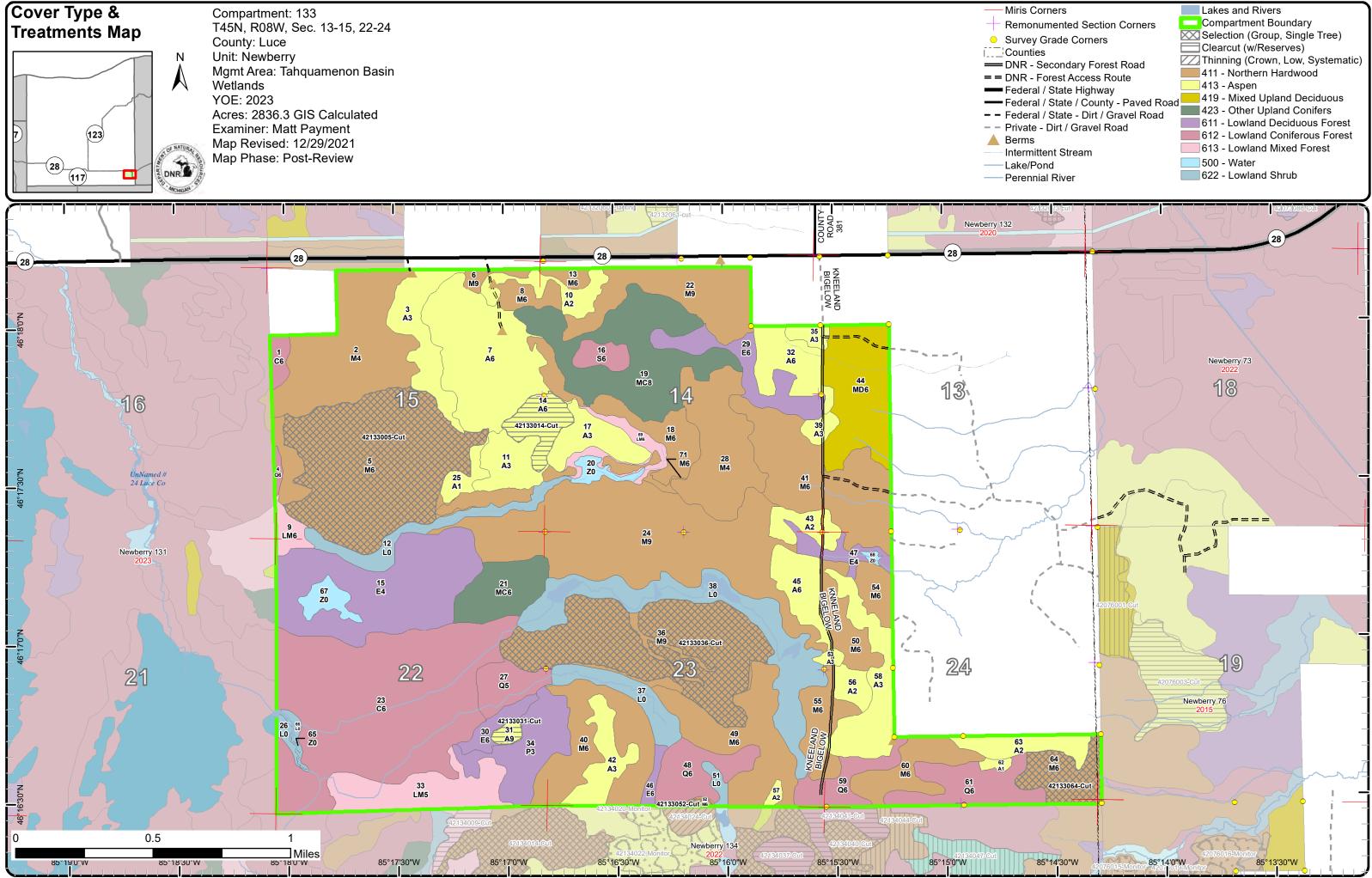
### The following information is displayed, where pertinent, on the attached compartment maps:

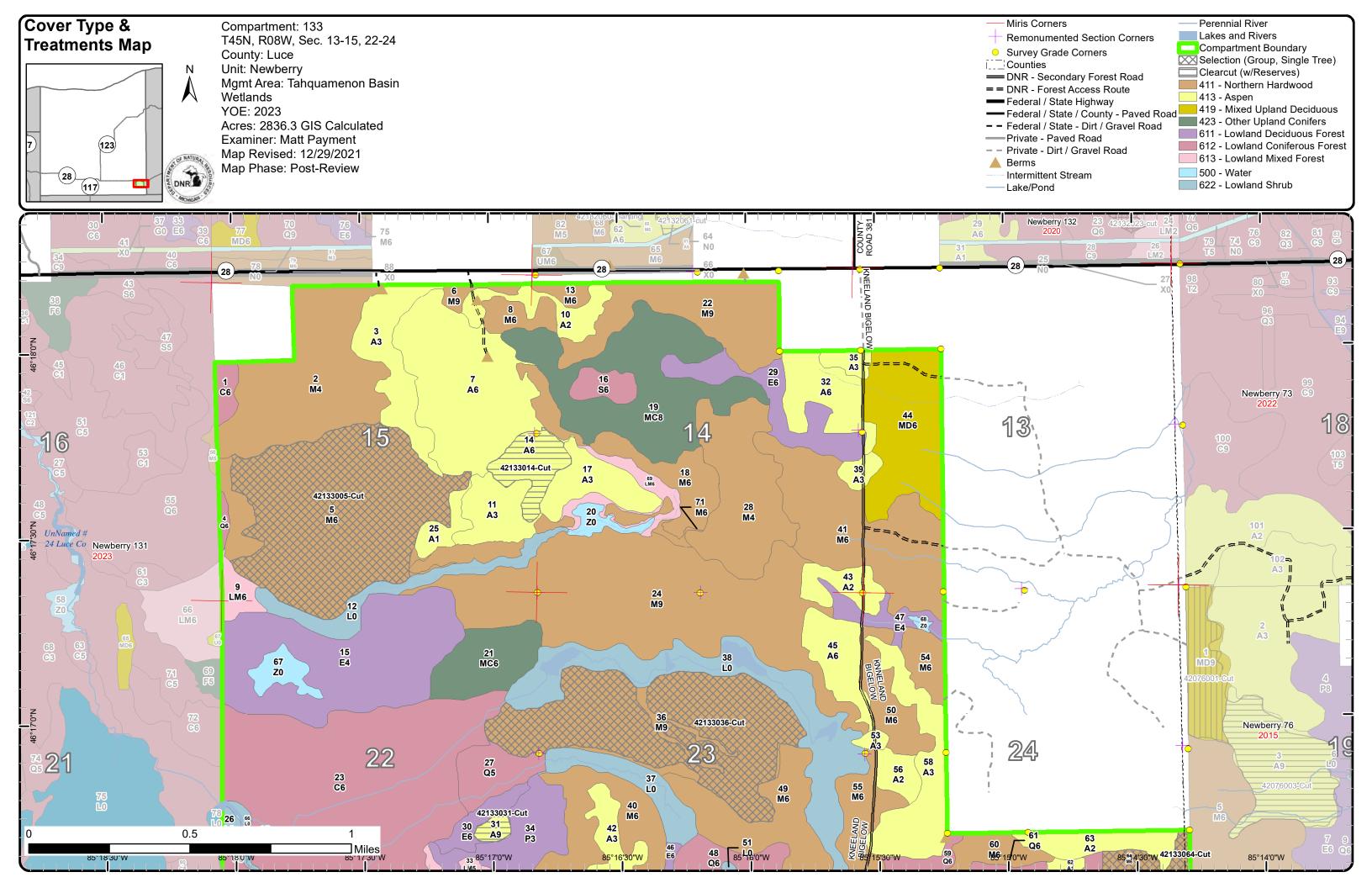
Base feature information, stand boundaries, cover types, and numbers

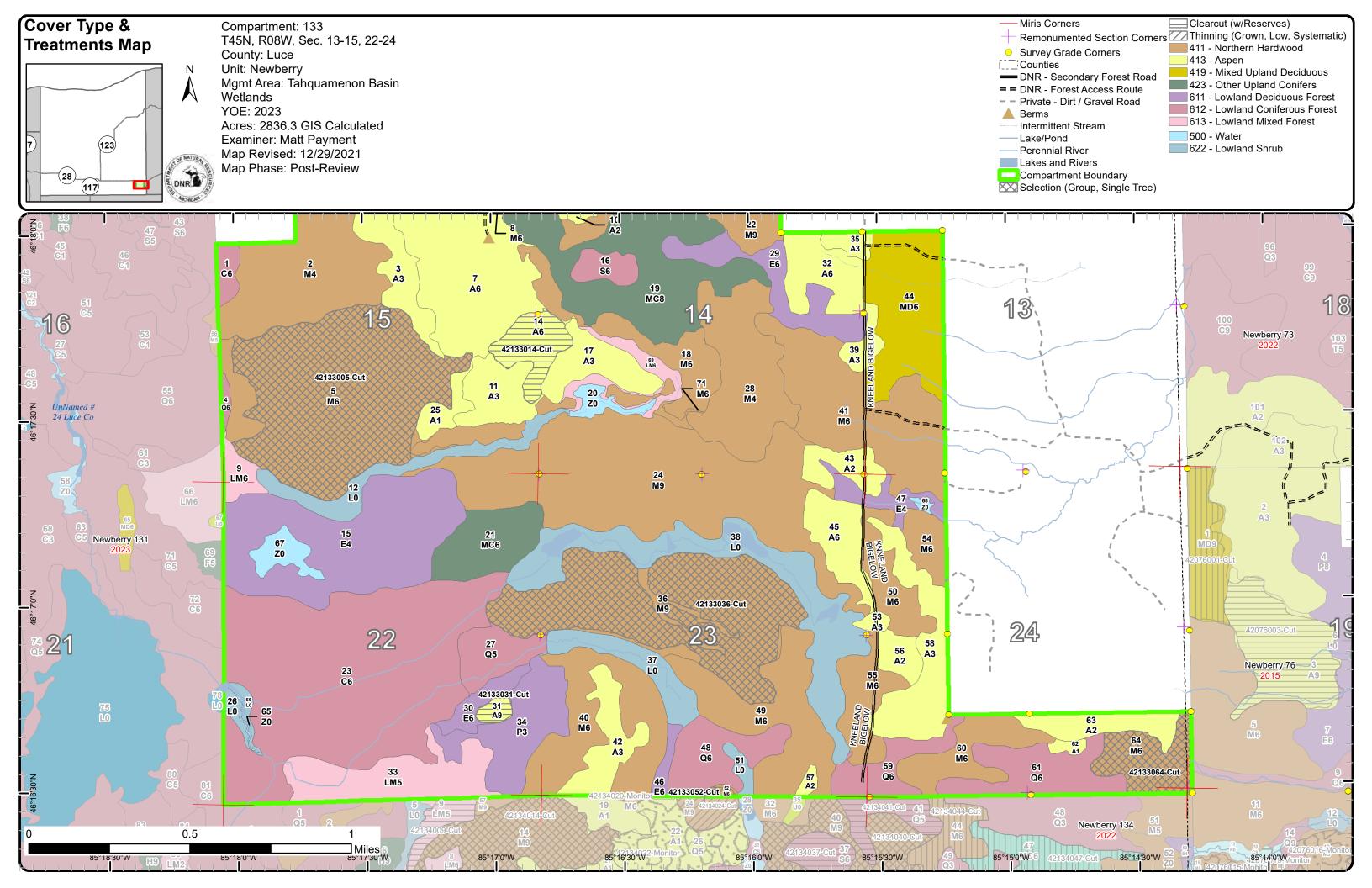
Proposed treatments

Site condition boundaries

Details on the road access system







**Stand Boundary** Compartment: 133 T45N, R08W, Sec. 13-15, 22-24 Мар County: Luce Unit: Newberry Ν Mgmt Area: Tahquamenon Basin  $\mathbf{A}$ Wetlands YOE: 2023 Acres: 2836.3 GIS Calculated Examiner: Matt Payment (123) Map Revised: 12/29/2021 OF NATUR. Map Phase: Post-Review DNR (28) (117) 30 30 C6 33 28 7 4130 - A6 16 6122 -15 55 Q6 61 C3 66 LM6 45 4130 - A6 68 C3 71 C5 72 C6 22 <sup>74</sup> 21 75 L0 4112-GN 0.5 1 Mile

#### Miris Corners

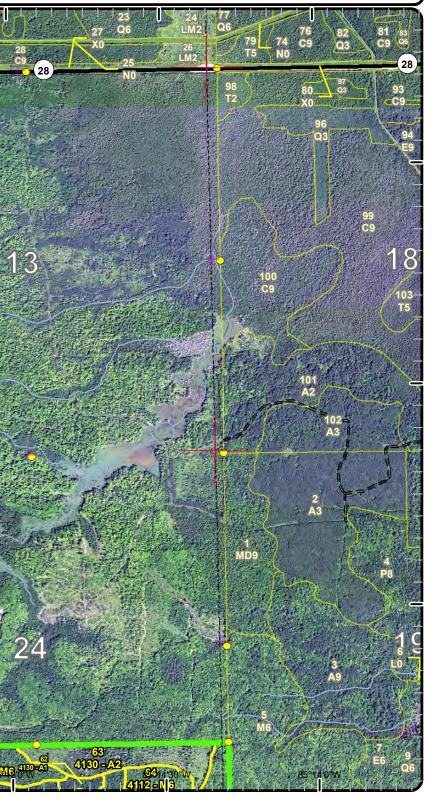
- Remonumented Section Corners
- Survey Grade Corners
- Counties
   DNR Secondary Forest Road
   = DNR Forest Access Route
- Federal / State Highway
- ----- Federal / State / County Paved Road
- - Federal / State Dirt / Gravel Road
- -----Private Paved Road
- -- Private Dirt / Gravel Road
- A Berms
  - Intermittent Stream
  - Lake/Pond

- Perennial River Lakes and Rivers Compartment Boundary Stand Boundaries

  - 411 Northern Hardwood
  - 413 Aspen
  - 419 Mixed Upland Deciduous 423 Other Upland Conifers

  - 611 Lowland Deciduous Forest 612 - Lowland Coniferous Forest

  - 613 Lowland Mixed Forest
  - 500 Water
  - 622 Lowland Shrub



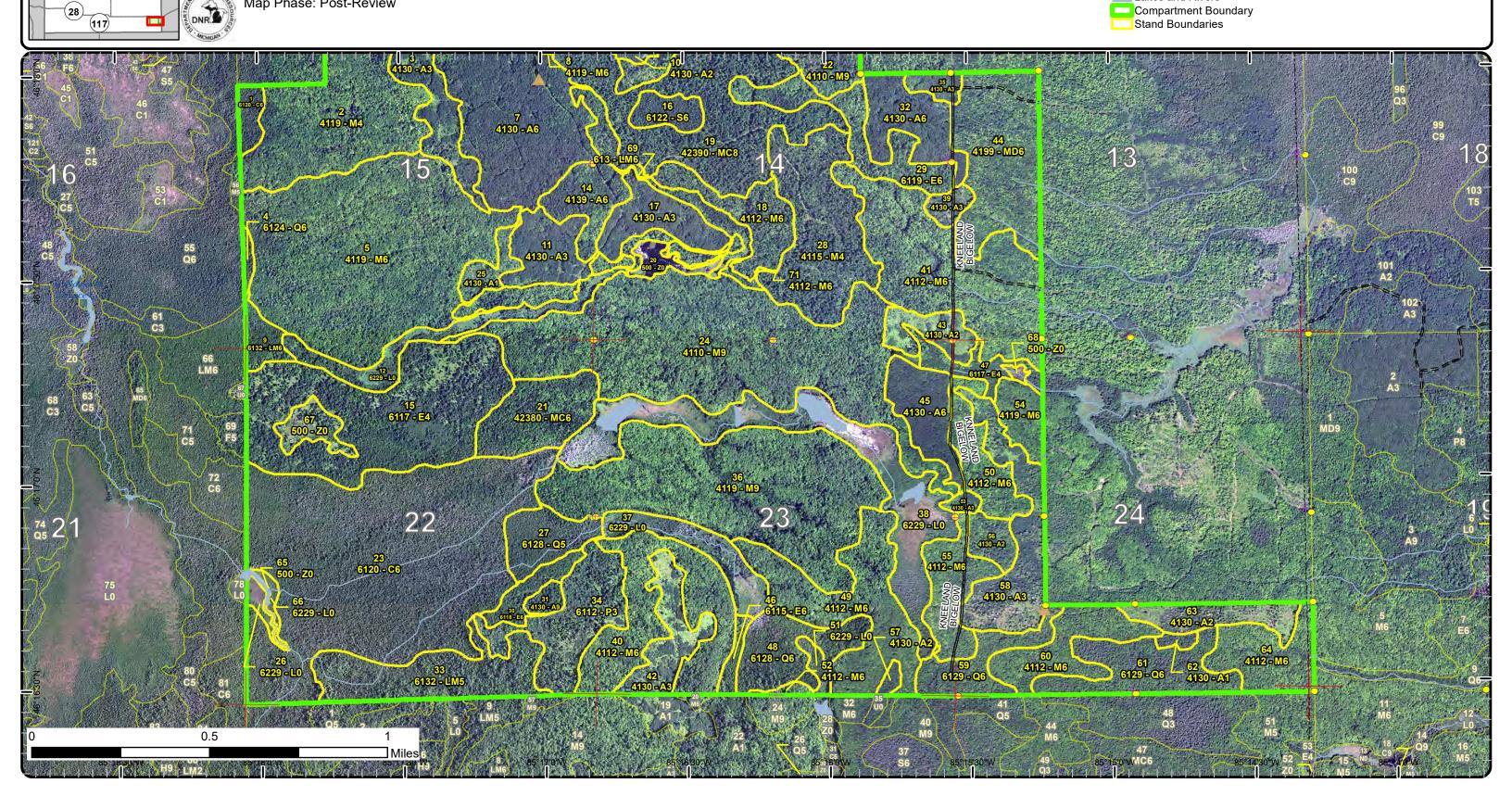
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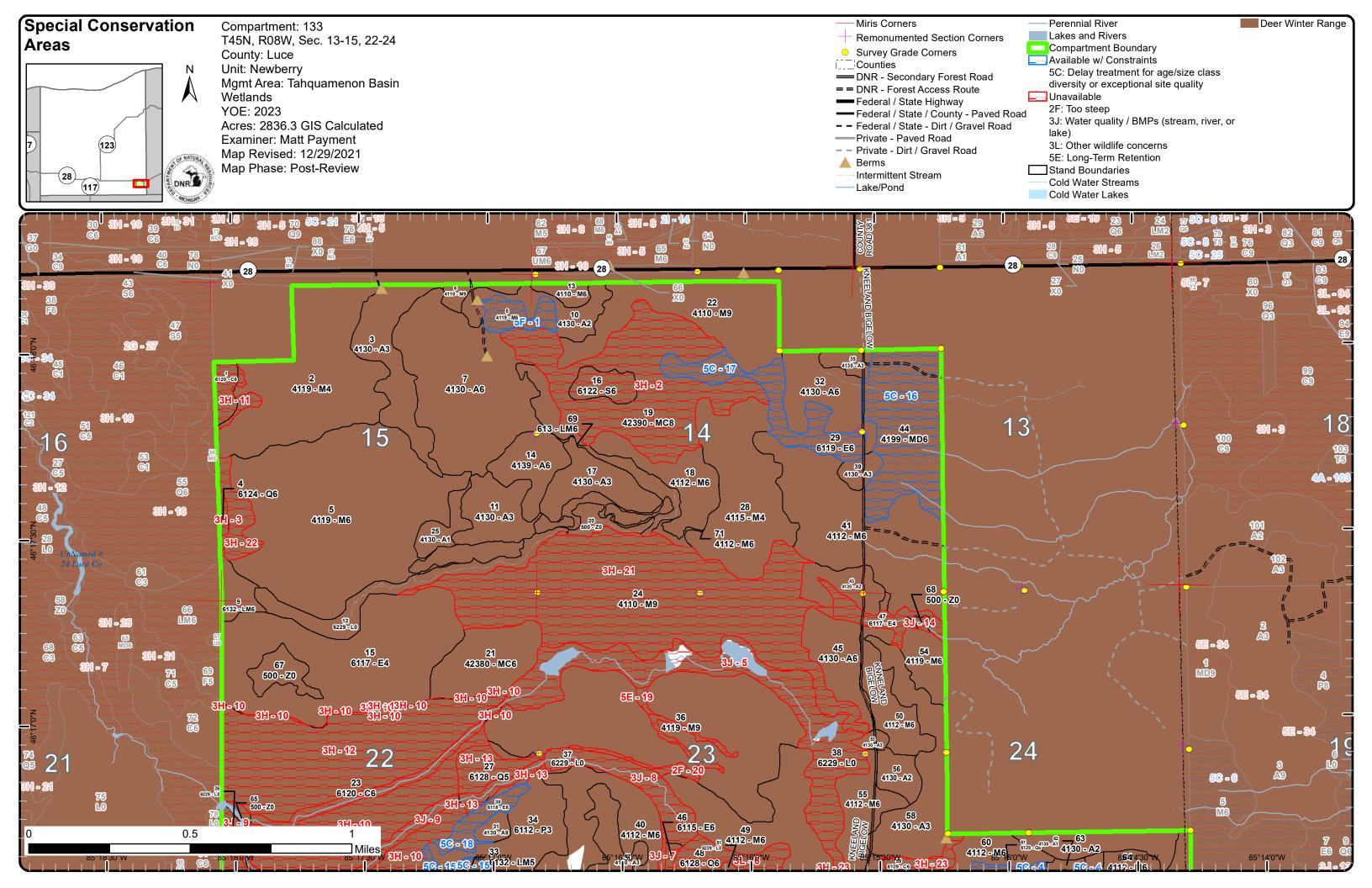
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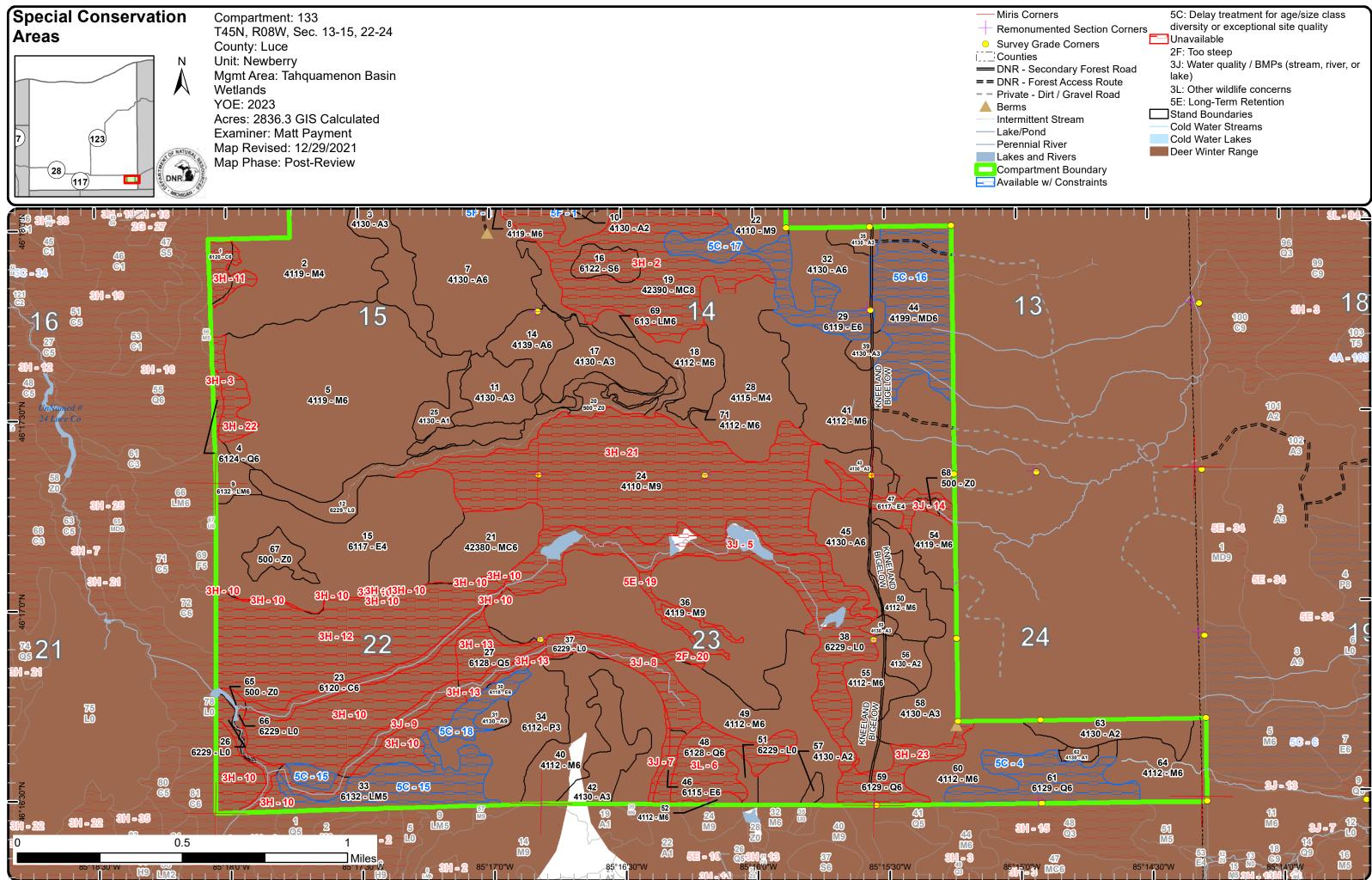
Compartment: 133 T45N, R08W, Sec. 13-15, 22-24 County: Luce Unit: Newberry Mgmt Area: Tahquamenon Basin Wetlands YOE: 2023 Acres: 2836.3 GIS Calculated Examiner: Matt Payment Map Revised: 12/29/2021 Map Phase: Post-Review



- Miris Corners
- Remonumented Section Corners Survey Grade Corners Survey Grade Corners
   Counties
   DNR - Secondary Forest Road
   = DNR - Forest Access Route
   - Private - Dirt / Gravel Road A Berms Intermittent Stream -----Lake/Pond ----- Perennial River Lakes and Rivers Compartment Boundary
- 411 Northern Hardwood

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  423 Other Upland Conifers
  611 Lowland Deciduous Forest
- 612 Lowland Coniferous Forest 613 Lowland Mixed Forest
- 500 Water
- 622 Lowland Shrub





# Report 1 – Total Acres by Cover Type and Age Class

Newberry Mgt. Unit



Age Class

	Nor	Los C	83 ×	25 25		3		8		\$ \$		8 Ja	a la la	8.	8 <sup>2</sup> 5	633 yr	100 A	JT Jree	AND LOO
Aspen	0	16	252	0	160	0	23	0	0	5	0	0	0	0	0	0	0	0	456
Cedar	0	0	0	0	0	0	0	0	0	0	0	266	0	0	0	0	0	0	266
Lowland Aspen/Balsam Poplar	0	0	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46
Lowland Conifers	0	0	0	0	0	0	0	0	0	66	3	56	0	0	0	0	0	0	125
Lowland Deciduous	0	0	0	0	0	0	126	0	14	34	0	17	0	0	0	0	0	0	191
Lowland Mixed Forest	0	0	0	0	0	0	0	15	0	63	0	0	0	0	0	0	0	0	78
Lowland Shrub	158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	158
Lowland Spruce/Fir	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	11
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	71	0	0	0	0	0	0	0	0	71
Northern Hardwood	0	0	0	0	0	0	0	0	0	155	1112	0	0	0	0	0	0	0	1267
Upland Conifers	0	0	0	0	0	37	0	0	0	107	0	0	0	0	0	0	0	0	144
Water	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Total	180	16	299	0	160	37	149	26	14	501	1115	339	0	0	0	0	0	0	2835



Year of Entry: 2023Acres of HarvestTotal Compartment Acres: 2,836Commercial Harvest - 392Harvests with Site Condition - 0Next Step Harvest - 0Habitat Cut - 0

# Cover Type by Harvest Method

				in the second	, Clear	LU ES	elonoo,	in or other	A COLOGIC	in the second second	Star Joan	A. C.
Aspen		28	0	0	0	0	0	0	0	0	28	
Northern Hardwood		0	362	0	0	0	2	0	0	0	365	
	Total	28	362	0	0	0	2	0	0	0	393	

# Proposed and Next Step Treatments by Method

		/.	ie iei	and a series	in o	A C	Outin C	M. Cation	in the second	03 <sup>60</sup> 20	40 / 20	and the second s
Current		393	0	0	0	0	0	0	0	0	393	
Next Step		0	0	0	0	0	0	385	0	0	385	
	Total	393	0	0	0	0	0	385	0	0	778	]

		Newberry	Mgt. Unit		Repor	t3	Treatments		Compartme	nt: 133	AND OF NATURAL PLEASE
S t									Year of Ent	ry: 2023	DNR
a	<b>-</b>		o	<u>.</u>	o				o		MICHIGAN
n	Treatment	Acres	Stand	Size	Stand	BA	Treatment	Treatment	Cover Type	Age	Habitat
d	Name		CoverType	Density	Age	Range	Туре	Method	Objective	Structure	Cut

# Approved Treatments:

	005-Cut	181.1 N	4119 - Mixed orthern Hardwood	Poletimber s Well	90	111- 140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven- Aged	No
	Selection	harvest	- Mark 70-90BA in	the hardwood	ds. Re	move all	the spruce, ba	llsam fir, and asper	n. Winter cut.		
<u>Specs:</u>	Leave all	hemlock	, cedar, and white	pine.							
			ulbert-Sage DWC. Also leave all su					ere cedar density pr	ecludes cutting of	other species, le	eave a
	Stand ac	res mav l	be reduced after p	rep due to dra	inages	s and low	er around on t	ne western edge.			
<u>Next Step</u> <u>Treatments:</u>	Monitorin		al Regen (Re-Inve		U		0	Ū			
<u>Acceptable</u> <u>Regen:</u>	mixed ha	rdwoods									
<u>Other</u> Comment:											
Site Condition	<u>on</u>										
Proposed S	art Date:	10/1 /202	22								
14 42133	014-Cut	23.0	4139 - Aspen, Mixed Deciduous	Poletimber Well	56	51-80	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	N
	Clear cut	with rete	ntion. Stand part	of DWC and v	vas ide	entified to	be cut.				
	Leave all	cedar or		nd where ceda				other species, leav	ve as a retention p	ocket. Also leav	e all
Prescription Specs: Next Step Treatments:	Leave all sub-merc Monitorin	cedar or hantable	the landscape, a	nd where ceda n fir.				other species, leav	ve as a retention p	ocket. Also leav	e all
Specs: Next Step	Leave all sub-mero Monitorin	cedar or hantable	the landscape, a pockets of balsar	nd where ceda n fir.				other species, leav	ve as a retention p	ocket. Also leav	e all
Specs: Next Step Treatments: Acceptable	Leave all sub-mero Monitorin	cedar or hantable	the landscape, a pockets of balsar	nd where ceda n fir.				other species, leav	ve as a retention p	ocket. Also leav	e all
<u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u>	Leave all sub-mero Monitorin Aspen.	cedar or hantable	the landscape, a pockets of balsar	nd where ceda n fir.				other species, leav	ve as a retention p	ocket. Also leav	e all
<u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u>	Leave all sub-mero Monitorin Aspen.	cedar or hantable g, Natura	n the landscape, a pockets of balsar al Regen (Re-Inver	nd where ceda n fir.				other species, leav	ve as a retention p	ocket. Also leav	e all
Specs: Next Step Treatments: Acceptable Regen: Other Comment: Site Condition Proposed S	Leave all sub-mero Monitorin Aspen.	cedar or hantable g, Natura	n the landscape, a pockets of balsar al Regen (Re-Inver	nd where ceda n fir.				other species, leav	ve as a retention p 4130 - Aspen	ocket. Also leav	
Specs: Next Step Treatments: Acceptable Regen: Other Comment: Site Condition Proposed Si 31 42133	Leave all sub-mero Monitorin Aspen. <u>2n</u> <u>cart Date:</u> <b>031-Cut</b> Final har	cedar or hantable g, Natura 10/1 /202 4.8 vest. Cle	a the landscape, a pockets of balsar al Regen (Re-Inver 22 4130 - Aspen	nd where ceda n fir. ntory) Sawtimber Well rves. Small a	88 creage	sity preclu 111- 140 e, no reter	ides cutting of		4130 - Aspen	Even-Aged	N
Specs: Next Step Treatments: Acceptable Regen: Other Comment: Site Conditio Proposed Si 31 42133 Prescription Specs: Next Step	Leave all sub-mero Monitorin Aspen. <u>Aspen.</u> <u>art Date:</u> <b>031-Cut</b> Final har road from	cedar or hantable g, Natura 10/1 /202 4.8 vest. Cle	22 4130 - Aspen parcut with no rese	nd where ceda n fir. ntory) Sawtimber Well rves. Small a	88 creage	sity preclu 111- 140 e, no reter	ides cutting of	Clearcut	4130 - Aspen	Even-Aged	N
Specs: Next Step Treatments: Acceptable Regen: Other Comment: Site Condition Proposed Si 31 42133 Prescription Specs: Next Step Treatments: Acceptable	Leave all sub-mero Monitorin Aspen. <u>Aspen.</u> <u>art Date:</u> <b>031-Cut</b> Final har road from	cedar or hantable g, Natura 10/1 /202 4.8 vest. Cle	22 4130 - Aspen parcut with no rese	nd where ceda n fir. ntory) Sawtimber Well rves. Small a	88 creage	sity preclu 111- 140 e, no reter	ides cutting of	Clearcut	4130 - Aspen	Even-Aged	N
Specs: <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed S</u> <b>31 42133</b> <u>Prescription</u>	Leave all sub-mero Monitorin Aspen. <u>Aspen.</u> <u>art Date:</u> <b>031-Cut</b> Final har road from	cedar or hantable g, Natura 10/1 /202 4.8 /est. Cle adjacen	22 4130 - Aspen parcut with no rese	nd where ceda n fir. ntory) Sawtimber Well rves. Small a cut due to soi	88 creage	111- 140 e, no reter	Ides cutting of Harvest	Clearcut	4130 - Aspen	Even-Aged	N
Specs: Next Step Treatments: Acceptable Regen: Other Comment: Site Condition Proposed Si 31 42133 Prescription Specs: Next Step Treatments: Acceptable Regen: Other	Leave all sub-mero Monitorin Aspen. On cart Date: O31-Cut Final har road fron	cedar or hantable g, Natura 10/1 /202 4.8 /est. Cle adjacen	a the landscape, a pockets of balsar al Regen (Re-Inver 22 4130 - Aspen earcut with no rese t harvest. Winter	nd where ceda n fir. ntory) Sawtimber Well rves. Small a cut due to soi	88 creage	111- 140 e, no reter	Ides cutting of Harvest	Clearcut	4130 - Aspen	Even-Aged	N

Newberry Mgt. Unit **Report 3 -- Treatments** Compartment: 133 S Year of Entry: 2023 t а Treatment Stand BA Treatment Treatment Cover Type Acres Stand Size Age Habitat n Name CoverType Density Age Range Type Method Objective Structure Cut d 36 42133036-Cut 149.6 4119 - Mixed Sawtimber 93 111-Harvest Sinale Tree 411 - Northern Uneven-No Northern Hardwoods Well 140 Selection Hardwood Aged Prescription Selection Harvest by thinning stand 70-90BA. Specs: Leave all white pine, cedar, and hemlock within the stand. Winter Cut. Stand fall in the Hulbert-Sage DWC. Leave all cedar on the landscape, and where cedar density precludes cutting of other species, leave as a retention pocket. Also leave all sub-merchantable pockets of balsam fir. Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable mixed hardwoods Regen: **Other** Comment: Site Condition Proposed Start Date: 10/1 /2022 52 42133052-Cut 2.3 4112 - Maple, Poletimber 93 111-Harvest Crown Thinning 4112 - Maple, Even-Aged No Beech, Cherry Well 140 Beech, Cherry Association Association Prescription Thin stand. Selection harvest. Residual BA of 60-80. Mark aspen to cut. Leave cedar. Mark spruce to cut. Lower quality areas, residual BA of 60-70. Higher guality areas, residual BA of 70-80. Winter harvest due to soil conditions. Access will be through adjacent Specs: compartment to the south. Possible out of year of entry harvest. Set up as sale with treatments to the south. Stand should be set up as part of 2012 POW. Next Step Treatments: Acceptable Regen: Other Old next step comments: Monitor for success of desireable regeneration of maple with basswood, aspen and conifers. Comment: Site Condition Proposed Start Date: 10/1 /2012 42133064-Cut 64 317 4112 - Maple, Poletimber 93 111-Harvest Single Tree 4319 - Mixed Uneven-No Beech, Cherry Selection Upland Forest Well 140 Aged Association Prescription Selection Harvest by thinning stand 70-90BA. Remove all balsam fir, spruce, and any aspen if present. Specs: Leave all white pine, cedar, and hemlock within the stand. Winter Cut If intermittent stream is found within the stand buffer accordingly 100' following BMP guidelines. Stand fall in the Hulbert-Sage DWC. Leave all cedar on the landscape, and where cedar density precludes cutting of other species, leave as a retention pocket. Also leave all sub-merchantable pockets of balsam fir. Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable mixed hardwoods with a mixed conifer component. Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2027 Total Treatment

Acreage Proposed: 392.5

**Report 4 – Site Conditions** 

Newberry Mgt. Unit

Matt Payment : Examiner

Compartment: 133 Year of Entry: 2023

#### Availability for Management

Total	Acres	Acres Avail	Acres	De	omina	nt Site	e Con	ditions	5		
Acres	Available	With Condition	Not Available		5C	5F	2F	3H	3J	3L	5E
456	456	0	0	Aspen							
266	0	0	265	Cedar				238	28		
47	47	0	0	Lowland Aspen/Balsam Poplar							
125	4	39	82	Lowland Conifers	39			43	5	33	
192	127	46	19	Lowland Deciduous	46			0	19	0	
78	25	48	5	Lowland Mixed Forest	48				5		
158	34	0	124	Lowland Shrub					124	0	
11	0	0	11	Lowland Spruce/Fir				11			
71	0	71	0	Mixed Upland Deciduous	71						
1267	1012	13	242	Northern Hardwood	1	12	4	228	3		7
144	37	0	107	Upland Conifers				107			
22	19	0	3	Water					3		
2,836	1,760	217	859	Total Forested Acres	205	12	4	628	187	33	7
	62%	8%	30%	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	e Dominant Site . Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Available	5F: Evaluated for Forest Health Considerations	13	Unspecified	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> Evaluated for SBW.						
2	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	118	Unspecified	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> Obligate deer yard o	on purchased lands. High con	nponent c	of conifer and cedar in the	stands.		

	Nev	vberry Mgt. Unit		Report 4 – Site Co	nditions	Compartment: 13	
	Matt Pa	yment : Examiner				Year of Entry: 202	3
3	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
4	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	39	Unspecified	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> Obligate deer yard	on purchased lands.					
5	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	93	Unspecified	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> RMZ on unnamed	creek.					
6	Unavailable	3L: Other wildlife concerns	33	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
7	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
8	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	30	Unspecified	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> RMZ on unnamed	creek.					

# Report 4 – Site Conditions

Compartment: 133 Year of Entry: 2023

# Matt Payment : Examiner

Newberry Mgt. Unit

9	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	46	Unspecified	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> RMZ on unnamed	creek.					
10	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	106	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
11	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	11	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
12	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	125	Unspecified	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> Obligate deer yard	on purchased lands. Stands of	cedar or tl	hose with a high compo	nent of cedar and/or conife	r species.	
13	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	16	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	14	Unspecified	Unspecified	Unspecified	Unspecified
14							

		wberry Mgt. Unit syment : Examiner		Report 4 – Site Cor	nditions	Compartment: 13 Year of Entry: 202	
15	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	48	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
16	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	71	Unspecified	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> Retain for 10 years	5.					
17	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	34	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
18	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	12	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
19	Unavailable	5E: Long-Term Retention	7	Unspecified	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> Lower cedar, sprud	ce drain within the hardwoods. L	eft as re	tention.			
	Unavailable Comments: ridge	2F: Too steep	4	Unspecified	Unspecified	Unspecified	Unspecified

		vberry Mgt. Unit yment : Examiner		Report 4 – Site Cor	nditions	Compartment: 133 Year of Entry: 2023		
21	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	212	Unspecified	Unspecified	Unspecified	Unspecified	
	<b>comments:</b> cres held due to r	noving treatments from C131 a	nd C71 to	C133 and treating. Pos	sibly harvest in 2033 YOE.			
22	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	13	Unspecified	Unspecified	Unspecified	Unspecified	
C	comments:							
23	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	25	Unspecified	Unspecified	Unspecified	Unspecified	
C	comments:							



#### 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

Comments

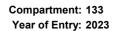


# Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

\* 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.

Conservati Area	on Type	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions stocked trout populations and those of other coldwater fish spect conditions for coldwater fishes may occur in Michigan lakes if th groundwater inflows, or are located in colder (northern) areas of Director's action and designated as trout resources by Fisheries	ties to persist from year to year. Suitable ey are relatively deep, have substantial the state. Such lakes are established by
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen cond stocked trout populations and those of other coldwater fish spec year to year. Coldwater streams in Michigan typically provide the contributions of groundwater to their stream flows. Such streams designated as trout resources by Fisheries Order 210.	ties (e.g., slimy sculpin) to persist from ese conditions due to substantial
SCA	Habitat Area	An area that provide some specific need for the life cycle of wild and Waterfowl Production Areas, deer wintering complexes in lo openings and savannas. Habitat areas are distinct from critical h endangered or threatened species (such as Kirtland's warbler o general in nature, are not primarily associated with threatened o covered by species recovery plans that are developed in cooper	we whand conifer communities, grassland mabitat designated for recovery of r piping plover areas) in that they are more or endangered species, and are not

# Report 7 – Stands



LAN DNR

tano	d Level 4 Co	over Type		Size De	ensity	Acres	Stand Age E	BA Range	Managed S	Site	General Comments
1	6120 - Lov	wland Ceda	ar	Poletim	oer Well	7.7	105	111-140	N/A		Cedar with black ash and paper birch, stand is considerably wet.
	Canopy Species	% Cover	Size Class	DBH	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Paper Birch	2	Pole	7		Ba	lsam Fir	Medium	Variable	Sapling	
No	orthern White Cedar	96	Pole/Log	9	105	Ta	ig Alder	Medium	Variable	Tall Shrub	
	Black Ash	2	Pole	8							
2	4119 - Mixed No	orthern Har	dwoods	Poletimb	per Poor	106.3	90	51-80	N/A		Stand was cut as part of ASH OVERHAUL.
	Canopy Species	% Cover	Size Class	DBH	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Sugar Maple	20	Pole/Log	8		Sug	ar Maple	Low	< 5 feet	Sapling	Mix of red maple, hard maple, white ash, black ash, aspen, balsam,
	Red Maple	40	Pole/Log	9	90	Re	d Maple	Medium	5 - 10 feet	Sapling	spruce, hemlock. Large diameter red maple and white ash with smaller
	White Ash	20	Log/Pole	11		W	nite Ash	Low	5 - 10 feet	Sapling	diameter hard maple, etc.
	Bigtooth Aspen	5	Log/Pole	11		Ba	lsam Fir	Medium	Variable	Sapling	
	Balsam Fir	5	Pole	7					I		•
	Black Ash	10	Pole	7							
3	4130	- Aspen		Sapling	g Well	38.7	16	Immature	N/A		Young aspen, cut as sale #044-03-01. Complete in 2005. Some areas still with sparse regeneration. Scattered residual overstory of white pine
	Canopy Species	% Cover	Size Class	DBH	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	and hemlock.
	Red Maple	15	Sapling	1		Re	d Maple	Medium	< 5 feet	Sapling	
	White Ash	5	Sapling	1		Ba	lsam Fir	Medium	Variable	Sapling	
	Quaking Aspen	70	Sapling	2	16	Ele	derberry	Low	< 5 feet	Tall Shrub	
	Balsam Fir	5	Sapling	2		Blackbe	rry/Raspberry	Medium	< 5 feet	Tall Shrub	
	White Spruce	5	Sapling	2							
4	6124 - Lowla	and Spruce	e-Fir	Poletim	oer Well	2.8	98	111-140	N/A		Lowland coniferous stand. Bleed over from the compartment to the wes
	Canopy Species	% Cover	Size Class	DBH	- Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Paper Birch	3	Pole	7		Ba	lsam Fir	Medium	Variable	Sapling	
	Quaking Aspen	3	Pole/Log	9		Blac	k Spruce	Low	5 - 10 feet	Sapling	
	Balsam Fir	22	Pole/Sapling	g 6							
	Black Spruce	30	Pole/Log	7	98						
No	orthern White Cedar	22	Pole/Log	7							
	Tamarack	20	Pole/Log	9							
5	4119 - Mixed No	orthern Har	dwoods	Poletim	ber Well	195.9	90	111-140	N/A		Mixed hardwoods stand, some hemlock and conifer species scattered
	Canopy Species	% Cover	· Size Class	DBH	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	through the stand. Small drains run through the stand with rolling topography as well.
	Sugar Maple	37	Pole	8		Re	d Maple	Medium	5 - 10 feet	Sapling	
	Red Maple	42	Log/Pole	10	90	Ba	lsam Fir	Medium	Variable	Sapling	
	Basswood	5	Pole/Log	9							
	White Ash	5	Pole/Log	10							

5

6

Pole

Log/Pole

8

12

White Spruce

Hemlock

# Report 7 – Stands



TONR

tand	Level 4 Co	over Type		Size De	ensity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
6	4110 - Sugar M	laple Assoc	ciation S	awtimt	oer Well	5.8	88	51-80	N/A		Stand was thinned by selection cut in 2005 as sale #44-03-01. Narrow
	Canopy Species	% Cover	Size Class	DBł	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	stand of hardwoods along M-28 ROW. Mainly sugar maple and beech.
	Sugar Maple	80	Pole/Log	9	88	Sug	ar Maple	Medium	Variable	Sapling	
	Red Maple	5	Pole	8		ł	Beech	Medium	5 - 10 feet	Sapling	
	Yellow Birch	5	Pole/Log	9		Asp	en (spp.)	Medium	5 - 10 feet	Sapling	
	Beech	10	Log/Pole	11							-
7	4130	- Aspen	Р	oletim	oer Well	101.8	35	81-110	N/A		Young aspen. Transitioning from a sapling stand to a pole stand. Beec
	Canopy Species	% Cover	Size Class	DBł	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	is dying out. Trace of hemlock. Lower areas.
	Sugar Maple	5	Sapling/Pole	4		Re	d Maple	Medium	10 - 20 feet	Sapling	
	American Elm	2	Sapling/Pole	5		Quak	ing Aspen	Low	10 - 20 feet	Sapling	
	Red Maple	10	Pole/Sapling	6		Ba	Isam Fir	High	Variable	Sapling	
	Basswood	4	Sapling/Pole	4		Irc	onwood	Low	10 - 20 feet	Sapling	
	Quaking Aspen	70	Pole/Sapling	7	35	Wi	low spp.	Low	Variable	Sapling	
	Balsam Fir	5	Pole/Sapling	7				-		1	_
	White Spruce	2	Pole/Sapling	5							
	White Spruce Ironwood	2	Pole/Sapling Sapling/Pole	5 4							
8	1	2 orthern Hard	Sapling/Pole	4 oletimt	ber Well	12.5 Sub-Ca	80 nopy Species	81-110 Density	N/A Avg. Height	Size	Small hardwood stand with mixed spruce and fir.
8	Ironwood 4119 - Mixed No	2 orthern Hard	Sapling/Pole	4 oletimt		Sub-Ca				<b>Size</b> Sapling	Small hardwood stand with mixed spruce and fir.
8	Ironwood 4119 - Mixed No Canopy Species	2 orthern Harc % Cover	Sapling/Pole dwoods P Size Class	4 oletimt DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height		Small hardwood stand with mixed spruce and fir.
	Ironwood 4119 - Mixed No Canopy Species Sugar Maple	2 orthern Hard % Cover 48	Sapling/Pole dwoods P Size Class Pole/Log	4 oletimk DBH	I Age	Sub-Ca Sug Ba	nopy Species ar Maple	Density Medium	Avg. Height 5 - 10 feet	Sapling	Small hardwood stand with mixed spruce and fir.
	Ironwood 4119 - Mixed No Canopy Species Sugar Maple Basswood	2 orthern Hard % Cover 48 20	Sapling/Pole dwoods P Size Class Pole/Log Pole/Log	4 oletimb DBH 9 9	I Age	Sub-Ca Sug Ba	nopy Species lar Maple Isam Fir	Density Medium High	<b>Avg. Height</b> 5 - 10 feet Variable	Sapling Sapling	Small hardwood stand with mixed spruce and fir.
	Ironwood 4119 - Mixed No Canopy Species Sugar Maple Basswood Bigtooth Aspen	2 orthern Harc <b>% Cover</b> 48 20 10	Sapling/Pole dwoods P Size Class Pole/Log Pole/Log Log/Pole	4 oletimb 9 9 12	I Age	Sub-Ca Sug Ba	nopy Species lar Maple Isam Fir	Density Medium High	<b>Avg. Height</b> 5 - 10 feet Variable	Sapling Sapling	Small hardwood stand with mixed spruce and fir.
	Ironwood 4119 - Mixed No Canopy Species Sugar Maple Basswood Bigtooth Aspen Balsam Poplar	2 orthern Hard <b>% Cover</b> 48 20 10 2	Sapling/Pole dwoods P Size Class Pole/Log Pole/Log Log/Pole Pole	4 oletimk 9 9 12 8	I Age	Sub-Ca Sug Ba	nopy Species lar Maple Isam Fir	Density Medium High	<b>Avg. Height</b> 5 - 10 feet Variable	Sapling Sapling	Small hardwood stand with mixed spruce and fir.
8	Ironwood 4119 - Mixed No Canopy Species Sugar Maple Basswood Bigtooth Aspen Balsam Poplar Balsam Fir	2 orth=rn Hard 48 20 10 2 15 5	Sapling/Pole dwoods P Size Class Pole/Log Pole/Log Log/Pole Pole Pole Pole Pole	4 oletimk 9 9 12 8 8 8 11	<b>Age</b> 80	Sub-Ca Sug Ba	nopy Species lar Maple Isam Fir	Density Medium High	<b>Avg. Height</b> 5 - 10 feet Variable	Sapling Sapling	Mirror stand of C131 stand 66. Low wet ground running into L0 stand 12
	Ironwood 4119 - Mixed No Canopy Species Sugar Maple Basswood Bigtooth Aspen Balsam Poplar Balsam Fir White Spruce	2 orthern Hard 48 20 10 2 15 5 und Forest V	Sapling/Pole dwoods P Size Class Pole/Log Pole/Log Log/Pole Pole Pole Pole Pole	4 oletimk 9 9 12 8 8 11 oletimk	<b>Age</b> 80	Sub-Ca Sug Ba Asp	nopy Species lar Maple Isam Fir en (spp.)	Density Medium High Low	Avg. Height 5 - 10 feet Variable Variable	Sapling Sapling	
	Ironwood 4119 - Mixed No Canopy Species Sugar Maple Basswood Bigtooth Aspen Balsam Poplar Balsam Fir White Spruce 6132 - Mixed Lowlar	2 orthern Hard 48 20 10 2 15 5 und Forest V	Sapling/Pole dwoods P Size Class Pole/Log Log/Pole Pole Pole Pole Pole Vith Cedar P	4 oletimk 9 9 12 8 8 11 oletimk	H Age 80	Sub-Ca Sug Ba Asp 10.0 Sub-Ca	nopy Species Jar Maple Isam Fir en (spp.) 85	Density       Medium       High       Low   81-110	Avg. Height 5 - 10 feet Variable Variable N/A	Sapling Sapling Sapling	Mirror stand of C131 stand 66. Low wet ground running into L0 stand 1
	Ironwood 4119 - Mixed No Canopy Species Sugar Maple Basswood Bigtooth Aspen Balsam Poplar Balsam Fir White Spruce 6132 - Mixed Lowla Canopy Species	2 orthern Hard 48 20 10 2 15 5 and Forest w % Cover	Sapling/Pole Sapling/Pole Size Class Pole/Log Pole/Log Pole Pole Pole Pole Pole Pole Size Class	4 <b>DBH</b> 9 12 8 8 11 0letimt	H Age 80	Sub-Ca Sug Ba Asp 10.0 Sub-Ca Ba	nopy Species Jar Maple Isam Fir en (spp.) 85 nopy Species	Density Medium Low 81-110 Density	Avg. Height 5 - 10 feet Variable Variable N/A Avg. Height	Sapling Sapling Sapling	Mirror stand of C131 stand 66. Low wet ground running into L0 stand 1 to the east.
	Ironwood 4119 - Mixed No Canopy Species Sugar Maple Basswood Bigtooth Aspen Balsam Poplar Balsam Fir White Spruce 6132 - Mixed Lowla Canopy Species Red Maple	2 orthern Hard 48 20 10 2 15 5 and Forest v <b>Cover</b> 13	Sapling/Pole Sapling/Pole Size Class Pole/Log Pole/Log Pole Pole Pole Pole/Log vith Cedar P Size Class Pole/Sapling	4 0 U E HINK 9 9 12 8 8 11 0 U E HINK 0 U E H	H Age 80	Sub-Ca Sug Ba Asp 10.0 Sub-Ca Ba	nopy Species lar Maple Isam Fir en (spp.) 85 nopy Species Isam Fir	Density       Medium       High       Low   81-110       Density       Low	Avg. Height 5 - 10 feet Variable Variable N/A Avg. Height < 5 feet	Sapling Sapling Sapling Sapling	Mirror stand of C131 stand 66. Low wet ground running into L0 stand 1 to the east.
9	Ironwood 4119 - Mixed No Canopy Species Sugar Maple Basswood Bigtooth Aspen Balsam Poplar Balsam Fir White Spruce 6132 - Mixed Lowla Canopy Species Red Maple Paper Birch	2 orthern Hard 48 20 10 2 15 5 mnd Forest v 6 Cover 13 10	Sapling/Pole Sapling/Pole dwoods P Size Class Pole/Log Pole/Log Pole Pole Pole Pole Pole/Log Vith Cedar P Size Class Pole/Sapling	4 0 U E HINK 9 9 12 8 8 11 0 U E HINK 0 U E HINK 7 7 7	H Age 80	Sub-Ca Sug Ba Asp 10.0 Sub-Ca Ba	nopy Species lar Maple Isam Fir en (spp.) 85 nopy Species Isam Fir	Density       Medium       High       Low   81-110       Density       Low	Avg. Height 5 - 10 feet Variable Variable N/A Avg. Height < 5 feet	Sapling Sapling Sapling Sapling	Mirror stand of C131 stand 66. Low wet ground running into L0 stand 1 to the east.

# Report 7 – Stands



TONR

and	d Level 4 Co		5	Size De		Acres	Stand Age	SA Kange	Managed S	Site	General Comments
0	4130 -	Aspen	Si	1 0	Medium	20.4	16	Immature	N/A		Young aspen. Cut in 2005 as sale #44-03-01. Open in areas, thick regeneration throughout most of the stand.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Red Maple	10	Sapling/Pole	4		Re	d Maple	High	5 - 10 feet	Sapling	
	Quaking Aspen	75	Sapling	2	16	Blac	ck Cherry	Medium	< 5 feet	Sapling	
	Balsam Poplar	5	Sapling	2		Eld	derberry	Low	Variable	Tall Shrub	
	Black Cherry	8	Sapling	1		Blackber	rry/Raspberry	High	< 5 feet	Tall Shrub	
Serv	viceberry (Juneberry)	2	Sapling	1		Asp	en (spp.)	Medium	5 - 10 feet	Sapling	
1	4130 -	Aspen		Sapling	g Well	25.2	16	Immature	N/A		Stand was cut in 2005 as sale #44-03-01. Aspen stand coming in nicely
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	with some balsam and mixed deciduous species.
	Sugar Maple	5	Sapling	1		Sug	ar Maple	Medium	< 5 feet	Sapling	
	American Elm	2	Pole/Sapling	5		Bal	Isam Fir	Low	< 5 feet	Sapling	
	White Ash	3	Sapling	1		Elc	derberry	Low	< 5 feet	Tall Shrub	
	Quaking Aspen	75	Sapling	2	16	Blackber	rry/Raspberry	Low	< 5 feet	Tall Shrub	
	Balsam Poplar	10	Sapling	1	L						1
	Balsam Fir	5	Sapling	2							
2	6229 - Mixed	-		Nonsto	ocked	Cat	n <b>opy Species</b> ttail spp.	Medium	No Avg. Height	Size Non-Wood	
	6229 - Mixed 4110 - Sugar M	lowland sh	nrub	Nonsto	ocked	Sub-Car Cat	nopy Species	Density	Avg. Height		Stand thinned via selection harvest in 2005 as sale #44-03-01. Narrow
3	4110 - Sugar M	lowland sh	nrub	Nonsto	er Well	Sub-Car Cat Ta 6.1	nopy Species ttail spp. Ig Alder 88	<ul> <li>Density</li> <li>Medium</li> <li>Low</li> <li>51-80</li> </ul>	Avg. Height	Non-Wood	
3		lowland sh	nrub Siation P	Nonsto		Sub-Car Cat 6.1 Sub-Car	nopy Species ttail spp. Ig Alder	<ul> <li>Density</li> <li>Medium</li> <li>Low</li> <li>51-80</li> </ul>	Avg. Height	Non-Wood Tall Shrub	Stand thinned via selection harvest in 2005 as sale #44-03-01. Narrow
3	4110 - Sugar M Canopy Species	lowland sh aple Assoc % Cover	rub Siation P Size Class	Nonsto oletimb DBH	er Well	Sub-Car Cat Ta 6.1 Sub-Car Sug	nopy Species ttail spp. Ig Alder 88 nopy Species	Density Medium Low 51-80 Density	Avg. Height N/A Avg. Height	Non-Wood Tall Shrub <b>Size</b> Sapling	Stand thinned via selection harvest in 2005 as sale #44-03-01. Narrow
3	4110 - Sugar M <b>Canopy Species</b> Sugar Maple	lowland sh aple Assoc % Cover 80	rub ciation P <b>Size Class</b> Pole/Log	Nonsto oletimb DBH	er Well	Sub-Car Cat Ta 6.1 Sub-Car Sug	nopy Species ttail spp. Ig Alder 88 nopy Species ar Maple	<ul> <li>Density</li> <li>Medium</li> <li>Low</li> <li>51-80</li> <li>Density</li> <li>Medium</li> </ul>	Avg. Height N/A Avg. Height Variable	Non-Wood Tall Shrub <b>Size</b>	Stand thinned via selection harvest in 2005 as sale #44-03-01. Narrow
3	4110 - Sugar M Canopy Species Sugar Maple Red Maple	aple Assoc <b>% Cover</b> 80 5	ciation P Size Class Pole/Log Pole	Nonsto oletimb DBH 9 8	er Well	Sub-Car Cat Ta 6.1 Sub-Car Sug	nopy Species ttail spp. Ig Alder 88 nopy Species ar Maple Beech	<ul> <li>Density</li> <li>Medium</li> <li>Low</li> <li>51-80</li> <li>Density</li> <li>Medium</li> <li>Medium</li> </ul>	Avg. Height N/A Avg. Height Variable 5 - 10 feet	Non-Wood Tall Shrub Size Sapling Sapling	Stand thinned via selection harvest in 2005 as sale #44-03-01. Narrow
3	4110 - Sugar M Canopy Species Sugar Maple Red Maple Yellow Birch	lowland sh aple Assoc % Cover 80 5 5 5 10	siation P Size Class Pole/Log Pole/Log Log/Pole	oletimb DBH 9 8 9 11	er Well	Sub-Car Cat Ta 6.1 Sub-Car Sug	nopy Species ttail spp. Ig Alder 88 nopy Species ar Maple Beech	<ul> <li>Density</li> <li>Medium</li> <li>Low</li> <li>51-80</li> <li>Density</li> <li>Medium</li> <li>Medium</li> </ul>	Avg. Height N/A Avg. Height Variable 5 - 10 feet	Non-Wood Tall Shrub Size Sapling Sapling	Stand thinned via selection harvest in 2005 as sale #44-03-01. Narrow stand of hardwoods along M-28 ROW.
3	4110 - Sugar M Canopy Species Sugar Maple Red Maple Yellow Birch Beech 4139 - Aspen, M Canopy Species	lowland sh laple Assoc % Cover 80 5 5 10 Mixed Deci	siation P Size Class Pole/Log Pole/Log Log/Pole	Nonsto oletimb 9 8 9 11 oletimb	er Well I Age	Sub-Car Cat Ta 6.1 Sub-Car Sug E Asp 23.0	nopy Species ttail spp. g Alder 88 nopy Species ar Maple Beech en (spp.)	<ul> <li>Density</li> <li>Medium</li> <li>Low</li> <li>51-80</li> <li>Density</li> <li>Medium</li> <li>Medium</li> <li>Medium</li> <li>51-80</li> </ul>	Avg. Height N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet	Non-Wood Tall Shrub Size Sapling Sapling Sapling Sapling	Stand thinned via selection harvest in 2005 as sale #44-03-01. Narrow stand of hardwoods along M-28 ROW.
3	4110 - Sugar M Canopy Species Sugar Maple Red Maple Yellow Birch Beech 4139 - Aspen, M	lowland sh laple Assoc % Cover 80 5 5 10 Mixed Deci	ciation P Size Class Pole/Log Pole Pole/Log Log/Pole	Nonsto oletimb 9 8 9 11 oletimb	er Well	Sub-Car Cat Ta 6.1 Sub-Car Sug E Asp 23.0 Sub-Car	nopy Species ttail spp. Ig Alder 88 nopy Species ar Maple Beech en (spp.) 56	<ul> <li>Density</li> <li>Medium</li> <li>Low</li> <li>51-80</li> <li>Density</li> <li>Medium</li> <li>Medium</li> <li>Medium</li> <li>51-80</li> </ul>	Avg. Height N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet N/A	Non-Wood Tall Shrub Size Sapling Sapling Sapling	Stand thinned via selection harvest in 2005 as sale #44-03-01. Narrow stand of hardwoods along M-28 ROW. Aspen and mixed hardwood comprise this stand. Access from the nort Stand was selected as a DWC stand to harvest this entry along with
3	4110 - Sugar M Canopy Species Sugar Maple Red Maple Yellow Birch Beech 4139 - Aspen, M Canopy Species	lowland sh laple Assoc % Cover 80 5 5 10 Mixed Deci % Cover	ciation P Size Class Pole/Log Pole/Log Log/Pole duous P Size Class	Nonsto oletimb 9 8 9 11 oletimb	er Well	Sub-Car Cat Ta 6.1 Sub-Car Sug E Aspr 23.0 Sub-Car Ame	nopy Species ttail spp. Ig Alder 88 nopy Species ar Maple Beech en (spp.) 56 nopy Species	<ul> <li>Density</li> <li>Medium</li> <li>Low</li> <li>51-80</li> <li>Density</li> <li>Medium</li> <li>Medium</li> <li>51-80</li> <li>51-80</li> <li>51-80</li> <li>51-80</li> <li>Density</li> </ul>	Avg. Height N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet N/A Avg. Height	Non-Wood Tall Shrub Size Sapling Sapling Sapling Sapling	Stand thinned via selection harvest in 2005 as sale #44-03-01. Narrow stand of hardwoods along M-28 ROW. Aspen and mixed hardwood comprise this stand. Access from the nort Stand was selected as a DWC stand to harvest this entry along with
3	4110 - Sugar M Canopy Species Sugar Maple Red Maple Yellow Birch Beech 4139 - Aspen, M Canopy Species Sugar Maple	lowland sh aple Assoc % Cover 80 5 5 10 Mixed Deci % Cover 30	ciation P Size Class Pole/Log Pole/Log Log/Pole duous P Size Class Pole/Sapling	Nonsto	er Well	Sub-Car Cat Ta 6.1 Sub-Car Sug E Aspu 23.0 Sub-Car Ame Ret	nopy Species ttail spp. g Alder 88 nopy Species ar Maple Beech en (spp.) 56 nopy Species rican Elm	<ul> <li>Density</li> <li>Medium</li> <li>Low</li> <li>51-80</li> <li>Density</li> <li>Medium</li> <li>Medium</li> <li>51-80</li> <li>51-80</li> <li>51-80</li> <li>Low</li> </ul>	Avg. Height N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet	Non-Wood Tall Shrub Size Sapling Sapling Sapling Size Sapling	Stand thinned via selection harvest in 2005 as sale #44-03-01. Narrow stand of hardwoods along M-28 ROW. Aspen and mixed hardwood comprise this stand. Access from the nort Stand was selected as a DWC stand to harvest this entry along with
3	4110 - Sugar M Canopy Species Sugar Maple Red Maple Yellow Birch Beech 4139 - Aspen, M Canopy Species Sugar Maple American Elm	Iowland sh aple Assoc % Cover 80 5 5 10 Mixed Decir % Cover 30 5	ciation P Size Class Pole/Log Pole Pole/Log Log/Pole duous P Size Class Pole/Sapling Pole	Nonsto	er Well	Sub-Car Cat Ta 6.1 Sub-Car Sug E Asp 23.0 Sub-Car Ame Rec Ba	nopy Species ttail spp. g Alder 88 nopy Species ar Maple Beech en (spp.) 56 nopy Species rican Elm d Maple	<ul> <li>Density</li> <li>Medium</li> <li>Low</li> <li>51-80</li> <li>Density</li> <li>Medium</li> <li>Medium</li> <li>51-80</li> <li>51-80</li> <li>Density</li> <li>Low</li> <li>Medium</li> </ul>	Avg. Height N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet Variable	Non-Wood Tall Shrub Sapling Sapling Sapling Sapling Sapling Sapling Sapling	Stand thinned via selection harvest in 2005 as sale #44-03-01. Narrow stand of hardwoods along M-28 ROW. Aspen and mixed hardwood comprise this stand. Access from the nort Stand was selected as a DWC stand to harvest this entry along with stand 59.
3	4110 - Sugar M Canopy Species Sugar Maple Red Maple Yellow Birch Beech 4139 - Aspen, M Canopy Species Sugar Maple American Elm Red Maple	lowland sh laple Assoc % Cover 80 5 5 10 Mixed Deci % Cover 30 5 5 5 5 5	ciation P Size Class Pole/Log Pole/Log Log/Pole duous P Size Class Pole/Sapling Pole Pole/Sapling	Nonstor           oletimb           Ø           9           8           9           11           oletimb           DBH           7           6           7           6           7	er Well	Sub-Car Cat Ta 6.1 Sub-Car Sug E Asp 23.0 Sub-Car Ame Rec Ba	nopy Species ttail spp. g Alder 88 nopy Species ar Maple Beech en (spp.) 56 nopy Species rican Elm d Maple sswood	<ul> <li>Density</li> <li>Medium</li> <li>Low</li> <li>51-80</li> <li>Density</li> <li>Medium</li> <li>Medium</li> <li>Medium</li> <li>51-80</li> <li>51-80</li> <li>Density</li> <li>Low</li> <li>Medium</li> <li>Low</li> <li>Low</li> </ul>	Avg. Height Avg. Height N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet	Non-Wood Tall Shrub Sapling Sapling Sapling Sapling Sapling Sapling Sapling	Stand thinned via selection harvest in 2005 as sale #44-03-01. Narrow stand of hardwoods along M-28 ROW. Aspen and mixed hardwood comprise this stand. Access from the nort Stand was selected as a DWC stand to harvest this entry along with stand 59.
3	4110 - Sugar M Canopy Species Sugar Maple Red Maple Yellow Birch Beech 4139 - Aspen, M Canopy Species Sugar Maple American Elm Red Maple Basswood	lowland sh laple Assoc	ciation P Size Class Pole/Log Pole/Log Log/Pole duous P Size Class Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling	Nonsta           oletimb           9           8           9           11           oletimb           DBH           0           11           0           0           0           0           0           11           0	er Well 88 88 er Well 1 Age 1	Sub-Car Cat Ta 6.1 Sub-Car Sug E Asp 23.0 Sub-Car Ame Rec Ba	nopy Species ttail spp. g Alder 88 nopy Species ar Maple Beech en (spp.) 56 nopy Species rican Elm d Maple sswood	<ul> <li>Density</li> <li>Medium</li> <li>Low</li> <li>51-80</li> <li>Density</li> <li>Medium</li> <li>Medium</li> <li>Medium</li> <li>51-80</li> <li>51-80</li> <li>Density</li> <li>Low</li> <li>Medium</li> <li>Low</li> <li>Low</li> </ul>	Avg. Height Avg. Height N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet	Non-Wood Tall Shrub Sapling Sapling Sapling Sapling Sapling Sapling Sapling	Stand thinned via selection harvest in 2005 as sale #44-03-01. Narrow stand of hardwoods along M-28 ROW. Aspen and mixed hardwood comprise this stand. Access from the nort Stand was selected as a DWC stand to harvest this entry along with stand 59.
2	4110 - Sugar M Canopy Species Sugar Maple Red Maple Yellow Birch	aple Assoc <b>% Cover</b> 80 5 5	ciation P Size Class Pole/Log Pole Pole/Log	Nonsto	er Well	Sub-Car Cat Ta 6.1 Sub-Car Sug	nopy Species ttail spp. Ig Alder 88 nopy Species ar Maple Beech	<ul> <li>Density</li> <li>Medium</li> <li>Low</li> <li>51-80</li> <li>Density</li> <li>Medium</li> <li>Medium</li> </ul>	Avg. Height N/A Avg. Height Variable 5 - 10 feet	Non-Wood Tall Shrub Size Sapling Sapling	Stand thinned via selection harvest in 2005 as sale #44-03-0
3	4110 - Sugar M Canopy Species Sugar Maple Red Maple Yellow Birch Beech 4139 - Aspen, M Canopy Species Sugar Maple American Elm	Iowland sh aple Assoc % Cover 80 5 5 10 Mixed Decir % Cover 30 5	ciation P Size Class Pole/Log Pole Pole/Log Log/Pole duous P Size Class Pole/Sapling Pole	Nonsto	er Well	Sub-Car Cat Ta 6.1 Sub-Car Sug E Aspu 23.0 Sub-Car Ame Ret	nopy Species ttail spp. g Alder 88 nopy Species ar Maple Beech en (spp.) 56 nopy Species rican Elm d Maple	<ul> <li>Density</li> <li>Medium</li> <li>Low</li> <li>51-80</li> <li>Density</li> <li>Medium</li> <li>Medium</li> <li>51-80</li> <li>51-80</li> <li>Density</li> <li>Low</li> <li>Medium</li> </ul>	Avg. Height N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet Variable	Non-Wood Tall Shrub Sapling Sapling Sapling Sapling Sapling Sapling Sapling	Stand thinned via selection harvest in 2005 as sale #44-03-01. Narro stand of hardwoods along M-28 ROW. Aspen and mixed hardwood comprise this stand. Access from the no
3	4110 - Sugar M Canopy Species Sugar Maple Red Maple Yellow Birch Beech 4139 - Aspen, M Canopy Species Sugar Maple American Elm Red Maple	lowland sh laple Assoc % Cover 80 5 5 10 Mixed Deci % Cover 30 5 5 5 5 5	ciation P Size Class Pole/Log Pole/Log Log/Pole duous P Size Class Pole/Sapling Pole Pole/Sapling	Nonstor           oletimb           Ø           9           8           9           11           oletimb           DBH           7           6           7           6           7	er Well	Sub-Car Cat Ta 6.1 Sub-Car Sug E Asp 23.0 Sub-Car Ame Rec Ba	nopy Species ttail spp. g Alder 88 nopy Species ar Maple Beech en (spp.) 56 nopy Species rican Elm d Maple sswood	<ul> <li>Density</li> <li>Medium</li> <li>Low</li> <li>51-80</li> <li>Density</li> <li>Medium</li> <li>Medium</li> <li>Medium</li> <li>51-80</li> <li>51-80</li> <li>Density</li> <li>Low</li> <li>Medium</li> <li>Low</li> <li>Low</li> </ul>	Avg. Height Avg. Height N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet	Non-Wood Tall Shrub Sapling Sapling Sapling Sapling Sapling Sapling Sapling	Stand thinned via selection harvest in 2005 as sale #44-03-01. Narrow stand of hardwoods along M-28 ROW. Aspen and mixed hardwood comprise this stand. Access from the nor Stand was selected as a DWC stand to harvest this entry along with stand 59.
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3	4110 - Sugar M Canopy Species Sugar Maple Red Maple Yellow Birch Beech 4139 - Aspen, M Canopy Species Sugar Maple American Elm Red Maple Basswood Quaking Aspen	Iowland sh         laple Assoc         % Cover         80         5         10         Mixed Deci         % Cover         30         5         5         5         5         5         80         5         5         5         5         5         5         5         5         5         5         5         50	ciation P Size Class Pole/Log Pole/Log Log/Pole duous P Size Class Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling	Nonstand           oletimb           Ø           9           8           9           11           oletimb           DBH           9           11           oletimb           DBH           7           6           7           6           7           6           7	er Well 88 88 er Well 1 Age 1	Sub-Car Cat Ta 6.1 Sub-Car Sug E Asp 23.0 Sub-Car Ame Rec Ba	nopy Species ttail spp. g Alder 88 nopy Species ar Maple Beech en (spp.) 56 nopy Species rican Elm d Maple sswood	<ul> <li>Density</li> <li>Medium</li> <li>Low</li> <li>51-80</li> <li>Density</li> <li>Medium</li> <li>Medium</li> <li>Medium</li> <li>51-80</li> <li>51-80</li> <li>Density</li> <li>Low</li> <li>Medium</li> <li>Low</li> <li>Low</li> </ul>	Avg. Height Avg. Height N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet	Non-Wood Tall Shrub Sapling Sapling Sapling Sapling Sapling Sapling Sapling	Stand thinned via selection harvest in 2005 as sale #44-03-01. Narrow stand of hardwoods along M-28 ROW. Aspen and mixed hardwood comprise this stand. Access from the nort Stand was selected as a DWC stand to harvest this entry along with stand 59.
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# Report 7 – Stands



DNR

					•		•	•	•		
16		ack Spruce		oletimb		11.3	60	1-50	N/A		Black spruce and cedar stand, wet throughout the stand.
	Canopy Species		Size Class		Age		nopy Species	Density	Avg. Height	Size	
	Black Spruce	90	Pole/Sapling	5	60	Blac	ck Spruce	Medium	5 - 10 feet	Sapling	
No	orthern White Cedar	10	Sapling/Pole	4							
17	4130	- Aspen		Sapling	Well	26.9	16	Immature	N/A		Stand was cut in 2005 as sale #44-03-01. Good aspen regeneration
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	mixed with other species.
	Sugar Maple	10	Sapling	1		Sug	jar Maple	Low	5 - 10 feet	Sapling	
	White Ash	5	Sapling	1		Blackbe	rry/Raspberry	Medium	< 5 feet	Tall Shrub	
	Quaking Aspen	75	Sapling	1	16	Asp	en (spp.)	Low	5 - 10 feet	Sapling	
	Balsam Poplar	5	Sapling	1		Wi	llow spp.	Medium	5 - 10 feet	Sapling	
	Balsam Fir	5	Sapling	1							
18	4112 - Maple, Beec	h, Cherry A	ssociation P	oletimb	er Well	55.6	93	81-110	N/A		Stand was cut in 2015-16 via single tree selection: The good and the ba #42-008-13.Southern portion of the stand is more hard maple with
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	red maple and yellow birch. Higher component of red maple in the
	Sugar Maple	73	Pole/Log	9	93	Sug	jar Maple	Medium	Variable	Sapling	northern portions of the stand. Large aspen throughout.
	Red Maple	10	Pole	8		I	Beech	Low	< 5 feet	Sapling	
	Yellow Birch	5	Pole/Log	9		Ba	lsam Fir	Medium	Variable	Sapling	
	Basswood	2	Pole	9							
	Beech	5	Log/Pole	10							
	Quaking Aspen	5	Log/Pole	10							
19	42390 - Mixed Non-	Pine Uplan	d Conifers Sav	wtimber	Mediun	n 107.1	80	111-140	N/A		Stand cut via shelterwood harvest in 2005 as sale #44-03-01. All specie
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	removed except white pine, hemlock, cedar and small spruce. Some maple left as residual. Good regeneration throughout, mix of species.
	Red Maple	5	Pole	8		Re	ed Maple	High	10 - 20 feet	Sapling	Mostly aspen and red maple. Some smaller white pine regen coming in
	Balsam Fir	2	Pole	8		Ba	lsam Fir	Medium	Variable	Sapling	as well.
	White Spruce	3	Pole	9		Asp	en (spp.)	High	10 - 20 feet	Sapling	
No	orthern White Cedar	20	Pole/Log	9		Wi	llow spp.	Medium	5 - 10 feet	Sapling	
	White Pine	30	Log/Pole	18							-
	Hemlock	40	Log	16	80						
20	500 -	- Water		Nonsto	cked	7.4	ι	Jnspecified	No		
20 21	42380 - Non Pine U		for Mixed D	Nonsto		37.3	45	81-110	NO N/A		Stand regenerating from harvest as sale #27-70.

# Report 7 – Stands



Year of Entry: 2023

stand	Level 4 C	over Type		Size De		Acres	Stand Age B	A Range	Managed S	Site	General Comments
22	4110 - Sugar M	Maple Assoc	ciation	Sawtimb	er Well	64.6	94	81-110	N/A		Stand harvested via Single Tree Selection: The Good and the Bad #42-
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	008-13.
	Sugar Maple	80	Log/Pole	12	94	Sug	ar Maple	Low	< 5 feet	Sapling	Nice stand of hard maple with red maple, large diameter aspen, and
	Red Maple	7	Log/Pole	10		W	hite Ash	Low	< 5 feet	Sapling	white ash. Occasional hemlock. A few pockets of balsam poplar. Tall
	White Ash	5	Pole/Log	9		E	Beech	Low	< 5 feet	Sapling	trees, not much understory. Beech component is dying out of the stand Many areas of a true M9.
	Beech	3	Log/Pole	12				·		·	
(	Quaking Aspen	5	Log/Pole	12							
23	6120 - Lov	wland Ceda	r l	Poletimb	er Well	257.8	105	141-170	N/A		Lowland stand, access very difficult. Mainly white cedar and some
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	spruce, ash, and birch. Stand had a lot of water throughout.
	Paper Birch	2	Pole	8		Ba	Isam Fir	Medium	Variable	Sapling	
Nor	rthern White Cedar	70	Pole/Log	9	105	Northerr	White Cedar	Low	< 5 feet	Sapling	
	Black Ash	2	Pole	7		Ta	ig Alder	Medium	Variable	Tall Shrub	
	Black Spruce	26	Pole	8							
	Black Spruce 4110 - Sugar M			8 Sawtimb	er Well	211.6	96	111-140	N/A		
24		Maple Assoc		Sawtimb	er Well Age		96 nopy Species	111-140 Density	N/A Avg. Height	Size	the maple is in the 8-10 inch diameter classes. Lots of basswood.
24	4110 - Sugar M Canopy Species Sugar Maple	Maple Assoc	ciation Size Class	Sawtimb		Sub-Ca		-	<b>Avg. Height</b> Variable	<b>Size</b> Sapling	
24	4110 - Sugar M Canopy Species	Maple Assoc % Cover	siation Size Class	Sawtimbo DBH	Age	Sub-Ca Sug	nopy Species	Density	Avg. Height		the maple is in the 8-10 inch diameter classes. Lots of basswood. Access could be questionable to this stand. Drainages throughout. Stand is ready for a thinning. Part of the DWC.
24	4110 - Sugar M Canopy Species Sugar Maple	Maple Assoc <b>% Cover</b> 65	ciation Size Class	Sawtimbo DBH	Age	Sub-Ca Sug Ba	nopy Species Jar Maple	Density Medium	<b>Avg. Height</b> Variable	Sapling	the maple is in the 8-10 inch diameter classes. Lots of basswood. Access could be questionable to this stand. Drainages throughout.
24	4110 - Sugar M Canopy Species Sugar Maple American Elm	Maple Assoc % Cover 65 2	Siation Size Class Log/Pole Pole	Sawtimbo DBH 11 8	Age	Sub-Ca Sug Ba	nopy Species ar Maple sswood	Density Medium Medium	Avg. Height Variable >20 feet	Sapling Sapling	the maple is in the 8-10 inch diameter classes. Lots of basswood. Access could be questionable to this stand. Drainages throughout. Stand is ready for a thinning. Part of the DWC.
24	4110 - Sugar M Canopy Species Sugar Maple American Elm Red Maple	Maple Assoc % Cover 65 2 10	Size Class Size Class Log/Pole Pole Log/Pole	Sawtimbo DBH 11 8 10	Age	Sub-Ca Sug Ba I Ba	nopy Species Jar Maple Isswood Beech	Density Medium Medium Medium	Avg. Height Variable >20 feet 5 - 10 feet	Sapling Sapling Sapling	the maple is in the 8-10 inch diameter classes. Lots of basswood. Access could be questionable to this stand. Drainages throughout. Stand is ready for a thinning. Part of the DWC.
24	4110 - Sugar M Canopy Species Sugar Maple American Elm Red Maple Basswood	Maple Assoc <b>% Cover</b> 65 2 10 15	Size Class Size Class Log/Pole Pole Log/Pole Pole	Sawtimbo DBH 11 8 10 9	Age	Sub-Ca Sug Ba I Ba	nopy Species Jar Maple sswood Beech Isam Fir	DensityMediumMediumMediumMedium	Avg. Height Variable >20 feet 5 - 10 feet Variable	Sapling Sapling Sapling Sapling	the maple is in the 8-10 inch diameter classes. Lots of basswood. Access could be questionable to this stand. Drainages throughout. Stand is ready for a thinning. Part of the DWC.
24	4110 - Sugar M Canopy Species Sugar Maple American Elm Red Maple Basswood Beech Quaking Aspen	Maple Assoc % Cover 65 2 10 15 3	Size Class Size Class Log/Pole Pole Log/Pole Pole Pole/Log	Sawtimbo DBH 11 8 10 9 9	<b>Age</b> 96	Sub-Ca Sug Ba I Ba	nopy Species Jar Maple Isswood Beech Isam Fir te Spruce	DensityMediumMediumMediumMedium	Avg. Height Variable >20 feet 5 - 10 feet Variable	Sapling Sapling Sapling Sapling	Access could be questionable to this stand. Drainages throughout. Stand is ready for a thinning. Part of the DWC. Potentially add a late start date and keep the treatment on.
24	4110 - Sugar M Canopy Species Sugar Maple American Elm Red Maple Basswood Beech Quaking Aspen	Maple Assoc % Cover 65 2 10 15 3 5	Size Class Size Class Log/Pole Pole Log/Pole Pole Pole/Log	Sawtimb DBH 11 8 10 9 9 12 Sapling	<b>Age</b> 96	Sub-Ca Sug Ba Ba Whi 10.1	nopy Species lar Maple sswood Beech Isam Fir te Spruce	Density Medium Medium Medium Low	Avg. Height Variable >20 feet 5 - 10 feet Variable 5 - 10 feet	Sapling Sapling Sapling Sapling	the maple is in the 8-10 inch diameter classes. Lots of basswood. Access could be questionable to this stand. Drainages throughout. Stand is ready for a thinning. Part of the DWC. Potentially add a late start date and keep the treatment on.
24	4110 - Sugar M Canopy Species Sugar Maple American Elm Red Maple Basswood Beech Quaking Aspen 4130	Maple Assoc	Size Class Log/Pole Pole Log/Pole Pole/Log Log	Sawtimb DBH 11 8 10 9 9 12 Sapling	Age 96	Sub-Ca Sug Ba Ba Whi 10.1 Sub-Ca	nopy Species Jar Maple Isswood Beech Isam Fir te Spruce 16	Density Medium Medium Medium Low	Avg. Height Variable >20 feet 5 - 10 feet Variable 5 - 10 feet N/A	Sapling Sapling Sapling Sapling Sapling	the maple is in the 8-10 inch diameter classes. Lots of basswood.         Access could be questionable to this stand. Drainages throughout.         Stand is ready for a thinning. Part of the DWC.         Potentially add a late start date and keep the treatment on.         Stand open grown aspen patch in place some slash from previous logging. Stump sprout maple, balsam fir, ash, and some wet areas as
24	4110 - Sugar M Canopy Species Sugar Maple American Elm Red Maple Basswood Beech Quaking Aspen 4130 Canopy Species	Maple Assoc % Cover 65 2 10 15 3 5 - Aspen % Cover	Size Class Size Class Log/Pole Pole Pole/Log Log Size Class	Sawtimbo DBH 11 8 10 9 9 9 12 Sapling DBH 1	Age 96	Sub-Ca Sug Ba Ba Whi 10.1 Sub-Ca Sug	nopy Species Jar Maple Isswood Beech Isam Fir te Spruce 16 I nopy Species	Density Medium Medium Medium Low	Avg. Height Variable >20 feet 5 - 10 feet Variable 5 - 10 feet N/A Avg. Height	Sapling Sapling Sapling Sapling Sapling	the maple is in the 8-10 inch diameter classes. Lots of basswood.         Access could be questionable to this stand. Drainages throughout.         Stand is ready for a thinning. Part of the DWC.         Potentially add a late start date and keep the treatment on.         Stand open grown aspen patch in place some slash from previous logging. Stump sprout maple, balsam fir, ash, and some wet areas as
24	4110 - Sugar M Canopy Species Sugar Maple American Elm Red Maple Basswood Beech Quaking Aspen 4130 Canopy Species Sugar Maple	Maple Assoc % Cover 65 2 10 15 3 5 - Aspen % Cover 5	Size Class Size Class Log/Pole Pole Pole/Log Log Size Class Sapling	Sawtimbo DBH 11 8 10 9 9 9 12 Sapling DBH 1	Age 96	Sub-Ca Sug Ba Ba Whi 10.1 Sub-Ca Sug Ba	nopy Species lar Maple sswood Beech Isam Fir te Spruce 16 I nopy Species lar Maple	Density Medium Medium Medium Low mmature Density Medium	Avg. Height Variable >20 feet 5 - 10 feet Variable 5 - 10 feet N/A Avg. Height < 5 feet	Sapling Sapling Sapling Sapling Sapling Size Sapling	the maple is in the 8-10 inch diameter classes. Lots of basswood.         Access could be questionable to this stand. Drainages throughout.         Stand is ready for a thinning. Part of the DWC.         Potentially add a late start date and keep the treatment on.         Stand open grown aspen patch in place some slash from previous logging. Stump sprout maple, balsam fir, ash, and some wet areas as well.
24	4110 - Sugar M Canopy Species Sugar Maple American Elm Red Maple Basswood Beech Quaking Aspen 4130 Canopy Species Sugar Maple American Elm	Maple Assoc % Cover 65 2 10 15 3 5 - Aspen % Cover 5 2	Size Class Log/Pole Pole Pole/Log Log Pole/Log Size Class Sapling Pole/Sapling	Sawtimb DBH 11 8 10 9 9 9 12 Sapling DBH 1 1 5	Age 96	Sub-Ca Sug Ba Ba Whi 10.1 Sub-Ca Sug Ba Ele	nopy Species Jar Maple Isswood Beech Isam Fir te Spruce 16 I nopy Species Jar Maple Isam Fir	Density Medium Medium Medium Low mmature Density Medium Low	Avg. Height Variable >20 feet 5 - 10 feet Variable 5 - 10 feet N/A Avg. Height < 5 feet < 5 feet	Sapling Sapling Sapling Sapling Sapling Size Sapling Sapling	the maple is in the 8-10 inch diameter classes. Lots of basswood.         Access could be questionable to this stand. Drainages throughout.         Stand is ready for a thinning. Part of the DWC.         Potentially add a late start date and keep the treatment on.         Stand open grown aspen patch in place some slash from previous logging. Stump sprout maple, balsam fir, ash, and some wet areas as well.
24	4110 - Sugar M Canopy Species Sugar Maple American Elm Red Maple Basswood Beech Quaking Aspen 4130 Canopy Species Sugar Maple American Elm White Ash	Maple Assoc % Cover 65 2 10 15 3 5 - Aspen % Cover 5 2 3 3	Size Class Log/Pole Pole Log/Pole Pole/Log Log Size Class Sapling Pole/Sapling	Sawtimb DBH 11 8 10 9 9 9 12 Sapling DBH 1 1 5 1	Age 96 Poor Age	Sub-Ca Sug Ba Ba Whi 10.1 Sub-Ca Sug Ba Ele	nopy Species lar Maple sswood Beech Isam Fir te Spruce 16 I nopy Species lar Maple Isam Fir derberry	Density Medium Medium Medium Low mmature Density Medium Low Low	Avg. Height           Variable           >20 feet           5 - 10 feet           Variable           5 - 10 feet           N/A           Avg. Height           < 5 feet	Sapling Sapling Sapling Sapling Sapling Sapling Sapling Tall Shrub	the maple is in the 8-10 inch diameter classes. Lots of basswood.         Access could be questionable to this stand. Drainages throughout.         Stand is ready for a thinning. Part of the DWC.         Potentially add a late start date and keep the treatment on.         Stand open grown aspen patch in place some slash from previous logging. Stump sprout maple, balsam fir, ash, and some wet areas as well.

# Report 7 – Stands



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Stand	Level 4 C	over Type		Size De	ensity	Acres	Stand Age E	A Range	Managed S	Site	General Comments
27	6128 - Lowland Dec	Coniferous iduous	, Mixed Po	letimbe	r Medium	n 22.6	100	111-140	N/A		Lowland stand. Wet throughout.
	Canopy Species	% Cover	Size Class	DBł	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Paper Birch	10	Pole	7			Isam Fir	Medium	Variable	Sapling	
	Black Spruce	30	Pole	7		Blac	k Spruce	Low	5 - 10 feet	Sapling	
No	rthern White Cedar	45	Pole	8	100	Ta	ig Alder	Medium	5 - 10 feet	Tall Shrub	
	Black Ash	15	Pole/Sapling	6			-				1
28	4115 - Y.Birc	h, Hemloc	k NH P	Poletimb	er Poor	73.2	90	51-80	N/A		Stand harvested as a shelterwood as sale #44-03-01, in 2005. Good
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	regeneration of hard maple, red maple, aspen cherry and white ash. Slight amount of white pine regeneration as well. Fair amount of
	Sugar Maple	40	Pole/Log	9	90	Sug	ar Maple	High	10 - 20 feet	Sapling	blowdown within the stand.
	Red Maple	20	Pole	8		Re	d Maple	High	10 - 20 feet	Sapling	
	Yellow Birch	5	Pole	9		W	hite Ash	Medium	10 - 20 feet	Sapling	
	White Pine	10	Log	14		Bla	ck Cherry	Medium	10 - 20 feet	Sapling	
	Hemlock	25	Log/Pole	12		Asp	en (spp.)	High	10 - 20 feet	Sapling	
29	6119 - Mixed Lowla	and Decidu	ous Forest F	Poletim	er Well	34.4	86	81-110	N/A		Small diameter maple and black ash. Component of balsam and
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	spruce. Hemlock and yellow birch. Lower ground, wet.
	Sugar Maple	20	Pole	8		Re	d Maple	Medium	5 - 10 feet	Sapling	
	Red Maple	25	Pole	7		Ba	lsam Fir	Medium	Variable	Sapling	
	Yellow Birch	2	Pole	9		Bl	ack Ash	Low	5 - 10 feet	Sapling	
	Balsam Fir	3	Pole	8							1
	Hemlock	10	Pole/Log	10							
	Black Ash	40	Pole	7	86						
30	6118 - Lowland D	eciduous w	<i>v</i> ith Cedar F	Poletim	er Well	11.9	105	81-110	N/A		Long narrow stand transitioning into low ground cedar and mixed
	Canopy Species	% Cover	Size Class	DBł	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	conifers. Access difficult from SE through stand 31, which has not been cut as part of the sale Long Ride Hardwoods.
	Paper Birch	25	Pole	8		Ba	Isam Fir	High	Variable	Sapling	
No	rthern White Cedar	35	Pole	9		Bl	ack Ash	Medium	Variable	Sapling	
	Black Ash	40	Pole	7	105						
31	4130	- Aspen	S		er Well	4.8	88	111-140	N/A		Part of Long Ride Hardwoods sale, unit may not get cut with sale, Sale is still open wet access road with clay ground from the SE.
	Canopy Species	% Cover	Size Class	DBł	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Sun open wer access road with day ground nonn the SE.
	Red Maple	20	Pole/Log	8		Re	d Maple	Medium	Variable	Sapling	Mature, large diameter aspen with red maple and white birch.
	Paper Birch	5	Pole	9		Pa	per Birch	Low	10 - 20 feet	Sapling	Component of cedar. Some balsam and spruce. Mortality in some
	Quaking Aspen	68	Log/Pole	12	88	Ba	lsam Fir	Medium	Variable	Sapling	aspen.
	Balsam Fir	2	Pole	8		Та	ig Alder	Low	< 5 feet	Tall Shrub	

# Report 7 – Stands

OF NATURAL HEROURIES

Stanc	d Level 4 Co	over Type	\$	Size De	ensity	Acres S	Stand Age E	BA Range	Managed S	Site	General Comments
32	4130 -	- Aspen	Р	oletimb	er Well	31.9	37 L	Inspecified	N/A		Yound aspen stand, transitioning from a sapling to pole size stand. This
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cano	opy Species	Density	Avg. Height	Size	in many spots. Components of red maple, balsam, basseood, spruce, elm, ash.
	American Elm	2	Sapling	3		Red	Maple	Medium	10 - 20 feet	Sapling	- Gill, a511.
	Red Maple	10	Pole/Sapling	5		Bas	swood	Low	Variable	Sapling	
	Basswood	5	Pole/Sapling	6		Bals	am Fir	Medium	Variable	Sapling	
	White Ash	2	Sapling	3					1		1
	Quaking Aspen	71	Pole	6	37						
	Balsam Fir	5	Pole/Sapling	6							
	White Spruce	5	Sapling	4							
33	6132 - Mixed Lowla	nd Forest v	vith Cedar Pol	etimbe	r Mediu	m 53.4	86	111-140	N/A		Low wet ground with a large drain running through the stand. Access would be very difficult.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Cano	opy Species	Density	Avg. Height	Size	would be very difficult.
	Red Maple	20	Pole	7		Bals	am Fir	Low	5 - 10 feet	Sapling	
	Paper Birch	20	Sapling/Pole	5							
	Quaking Aspen	3	Pole	8							
	Black Spruce	27	Pole	7							
No	orthern White Cedar	30	Pole/Log	7	86						
34	6112 - Lov	vland Aspe	n	Saplinę	g Well	46.5	12	51-80	N/A		Stand cut as sale #045-03-01, finished in 2012. Final harvest with residual overstory of hemlokc, white pine, cedar and yellow birch. Good
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Cano	opy Species	Density	Avg. Height	Size	aspen and red maple regeneration. Some wetter areas with less
	Red Maple	10	Sapling	1		Red	Maple	Medium	< 5 feet	Sapling	regeneration yet.
								Low	Variable	Sapling	
	Yellow Birch	2	Pole/Log	10		Bals	am Fir	LOW		Oupling	
	Yellow Birch Quaking Aspen	2 50	Pole/Log Sapling	10 1	12		am Fir te Pine	Low	< 5 feet	Sapling	
			0	-	12	Whit			< 5 feet < 5 feet		
No	Quaking Aspen	50	Sapling	1 1 9	12	Whit	e Pine	Low		Sapling	
No	Quaking Aspen Balsam Fir	50 5	Sapling Sapling	1	12	Whit	e Pine	Low		Sapling	
No	Quaking Aspen Balsam Fir orthern White Cedar	50 5 6	Sapling Sapling Pole	1 1 9		Whit	e Pine	Low		Sapling	
No 35	Quaking Aspen Balsam Fir orthern White Cedar White Pine Hemlock	50 5 6 7	Sapling Sapling Pole Log Log/Pole	1 1 9 14 11 Sapling	77 Well	Whit	te Pine y/Raspberry	Low		Sapling	Stand was cut as sale #043-03-01 in 2009. Young aspen with red maple
	Quaking Aspen Balsam Fir orthern White Cedar White Pine Hemlock	50 5 6 7 20 - Aspen	Sapling Sapling Pole Log Log/Pole	1 1 9 14 11 Sapling	77	Whit Blackberr	te Pine y/Raspberry	Low Medium	< 5 feet	Sapling	1
	Quaking Aspen Balsam Fir orthern White Cedar White Pine Hemlock 4130 -	50 5 6 7 20 - Aspen	Sapling Sapling Pole Log Log/Pole	1 1 9 14 11 Sapling	77 Well	Whit Blackberry 6.7 Sub-Cano	te Pine y/Raspberry 12	Low Medium	< 5 feet N/A	Sapling Tall Shrub	Stand was cut as sale #043-03-01 in 2009. Young aspen with red maple basswood, beech, balsam and spruce. Scattered residual overstory of
	Quaking Aspen Balsam Fir orthern White Cedar White Pine Hemlock 4130 - Canopy Species	50 5 6 7 20 - Aspen % Cover	Sapling Sapling Pole Log Log/Pole	1 9 14 11 Saplinç DBH	77 Well	Whit Blackberry 6.7 Sub-Cano Red	te Pine y/Raspberry 12 opy Species	Low Medium	< 5 feet N/A Avg. Height	Sapling Tall Shrub	Stand was cut as sale #043-03-01 in 2009. Young aspen with red mapl basswood, beech, balsam and spruce. Scattered residual overstory of
	Quaking Aspen Balsam Fir orthern White Cedar White Pine Hemlock 4130 - Canopy Species Red Maple	50 5 6 7 20 - Aspen <del>V Cover</del> 5	Sapling Sapling Pole Log Log/Pole Size Class Sapling	1 9 14 11 Sapling DBH 2	77 Well	Whit Blackberry 6.7 Sub-Cane Red Bals	te Pine y/Raspberry 12 Dpy Species Maple	Low Medium	< 5 feet N/A Avg. Height < 5 feet	Sapling Tall Shrub Size Sapling	Stand was cut as sale #043-03-01 in 2009. Young aspen with red mapl basswood, beech, balsam and spruce. Scattered residual overstory of red maple and elm.
	Quaking Aspen Balsam Fir orthern White Cedar White Pine Hemlock 4130 - Canopy Species Red Maple Basswood	50 5 6 7 20 - Aspen - Aspen 5 5 5	Sapling Sapling Pole Log Log/Pole Size Class Sapling Sapling	1 9 14 11 Sapling <b>DBH</b> 2 1	77 Well	Whit Blackberry 6.7 Sub-Cane Red Bals	12 12 Maple am Fir	Low Medium	< 5 feet N/A Avg. Height < 5 feet Variable	Sapling Tall Shrub Size Sapling Sapling	Stand was cut as sale #043-03-01 in 2009. Young aspen with red mapl basswood, beech, balsam and spruce. Scattered residual overstory of red maple and elm.
	Quaking Aspen Balsam Fir orthern White Cedar White Pine Hemlock 4130 - Canopy Species Red Maple Basswood Beech	50 5 6 20 - Aspen ★ Cover 5 5 2	Sapling Sapling Pole Log Log/Pole Size Class Sapling Sapling Sapling	1 9 14 11 Sapling 2 1 1	77 9 Well I Age	Whit Blackberry 6.7 Sub-Cane Red Bals	12 12 Maple am Fir	Low Medium	< 5 feet N/A Avg. Height < 5 feet Variable	Sapling Tall Shrub Size Sapling Sapling	Stand was cut as sale #043-03-01 in 2009. Young aspen with red maple basswood, beech, balsam and spruce. Scattered residual overstory of red maple and elm.

# Report 7 – Stands



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Stand	Level 4 Co	over Type		Size Densi	ity	Acres Stand Age	BA Range	Managed S	Site	General Comments
36	4119 - Mixed Nor	rthern Har	dwoods	Sawtimber \	Nell	161.0 93	111-140	N/A		Decent quality to the hard maple in the stand. Fingers of balsam and
	Canopy Species	% Cover	Size Class	DBH A	ge	Sub-Canopy Specie	s Density	Avg. Height	Size	spruce through the middle of the stand.
	Sugar Maple	50	Log	11 9	3	Sugar Maple	Medium	5 - 10 feet	Sapling	
	Red Maple	25	Log/Pole	10		Red Maple	Medium	5 - 10 feet	Sapling	
	Basswood	10	Pole	8		Balsam Fir	Medium	Variable	Sapling	
	White Spruce	15	Pole/Log	10						
37	6229 - Mixed	lowland sl	nrub	Nonstocke	əd	25.2	Unspecified	No		Creek corridor with tag alder. Series of beaver ponds.
						Sub-Canopy Specie	s Density	Avg. Height	Size	
						Tag Alder	High		Tall Shrub	
38	6229 - Mixed	lowland sl	hrub	Nonstocke	ed	93.2	Unspecified	No		
						Sub-Canopy Specie	s Density	Avg. Height	Size	
						Cattail spp.	Medium		Non-Wood	
						Tag Alder	Medium		Tall Shrub	
39	4130 -	Aspen		Sapling W	ell	6.5 12	Immature	N/A		Stand was cut in 2009 as sale #043-03-01. Small clearcut with residual
	Canopy Species	% Cover	Size Class	DBH A	ge	Sub-Canopy Specie	s Density	Avg. Height	Size	hemlock yellow birch and elm overstory. Regeneration of stand is patchy due to overstory and lower areas.
	American Elm	2	Pole	-		<b>B</b> 111 1	Low	< 5 feet	Sapling	· · · · · · · · · · · · · · · · · · ·
		_	Fole	8		Red Maple	ECW			
	Red Maple	20	Sapling	8		Red Maple Beech	Low	< 5 feet	Sapling	
	Red Maple Yellow Birch			1 9		· · ·		< 5 feet < 5 feet		
	1	20	Sapling	1 9	2	Beech	Low Low	-	Sapling	
	Yellow Birch	20 2	Sapling Pole	1 9	2	Beech Balsam Fir	Low Low	< 5 feet	Sapling Sapling	
	Yellow Birch Quaking Aspen	20 2 66 10	Sapling Pole Sapling Log	1 9 2 1		Beech Balsam Fir	Low Low	< 5 feet	Sapling Sapling	Stand cut as part of Long Ride Hardwoods, East finger cut 2015. The
	Yellow Birch Quaking Aspen Hemlock 4112 - Maple, Beech	20 2 66 10	Sapling Pole Sapling Log	1 9 2 1 10	Well	Beech Balsam Fir Blackberry/Raspberr	Low Low / Low 51-80	< 5 feet < 5 feet	Sapling Sapling	Stand cut as part of Long Ride Hardwoods, East finger cut 2015. The west finger the southern half was cut 2015 but the northern portion was
	Yellow Birch Quaking Aspen Hemlock 4112 - Maple, Beech	20 2 66 10	Sapling Pole Sapling Log	1       9       2     1       10	Well	Beech Balsam Fir Blackberry/Raspberry 67.2 93	Low Low / Low 51-80	< 5 feet < 5 feet N/A	Sapling Sapling Tall Shrub	Stand cut as part of Long Ride Hardwoods, East finger cut 2015. The west finger the southern half was cut 2015 but the northern portion was never cut due to volumes and water in the stand. Hardwood stand of hard maple with red maple, basswood, large diameter aspen, occasional
	Yellow Birch Quaking Aspen Hemlock 4112 - Maple, Beech Canopy Species	20 2 66 10 n, Cherry <i>A</i> <b>% Cover</b>	Sapling Pole Sapling Log Association Size Class	1       9       2     1       10	Well	Beech Balsam Fir Blackberry/Raspberr 67.2 93 Sub-Canopy Specie	Low Low / Low 51-80	< 5 feet < 5 feet N/A Avg. Height	Sapling Sapling Tall Shrub	Stand cut as part of Long Ride Hardwoods, East finger cut 2015. The west finger the southern half was cut 2015 but the northern portion was never cut due to volumes and water in the stand. Hardwood stand of hard maple with red maple, basswood, large diameter aspen, occasional spruce and cedar. East/west drainages/low areas within the stand with
	Yellow Birch Quaking Aspen Hemlock 4112 - Maple, Beech Canopy Species Sugar Maple	20 2 66 10 , Cherry A % Cover 70	Sapling Pole Sapling Log Association Size Class Pole/Log	1       9       2     1       10   Poletimber N       DBH     Age       9     9	Well	Beech Balsam Fir Blackberry/Raspberr 67.2 93 Sub-Canopy Specie Sugar Maple	Low Low y Low 51-80 s Density Medium	< 5 feet < 5 feet N/A Avg. Height Variable	Sapling Sapling Tall Shrub Size Sapling	Stand cut as part of Long Ride Hardwoods, East finger cut 2015. The west finger the southern half was cut 2015 but the northern portion was never cut due to volumes and water in the stand. Hardwood stand of hard maple with red maple, basswood, large diameter aspen, occasional spruce and cedar. East/west drainages/low areas within the stand with lower basal area. patchy balsam understory. Southeast corner of the
40	Yellow Birch Quaking Aspen Hemlock 4112 - Maple, Beech Canopy Species Sugar Maple Red Maple	20 2 66 10 , Cherry <i>A</i> <b>% Cover</b> 70 17	Sapling Pole Sapling Log Association Size Class Pole/Log Pole/Log	1       9       2     1       10   Poletimber \       DBH     Ag       9     9       9     9	Well	Beech Balsam Fir Blackberry/Raspberr 67.2 93 Sub-Canopy Specie Sugar Maple Red Maple	Low Low 51-80 <b>S</b> Density Medium Medium	< 5 feet < 5 feet N/A Avg. Height Variable Variable	Sapling Sapling Tall Shrub Size Sapling Sapling	Stand cut as part of Long Ride Hardwoods, East finger cut 2015. The west finger the southern half was cut 2015 but the northern portion was never cut due to volumes and water in the stand. Hardwood stand of hard maple with red maple, basswood, large diameter aspen, occasional spruce and cedar. East/west drainages/low areas within the stand with
40	Yellow Birch Quaking Aspen Hemlock 4112 - Maple, Beech Canopy Species Sugar Maple Red Maple Basswood	20 2 66 10 <b>% Cover</b> 70 17 5	Sapling Pole Sapling Log Association Size Class Pole/Log Pole/Log Pole	1       9       2     1       10   Poletimber \       DBH     Ag       9     9       9     9       9     9       9     9       9     9       9     9	Well	Beech Balsam Fir Blackberry/Raspberr 67.2 93 Sub-Canopy Specie Sugar Maple Red Maple	Low Low 51-80 <b>S</b> Density Medium Medium	< 5 feet < 5 feet N/A Avg. Height Variable Variable	Sapling Sapling Tall Shrub Size Sapling Sapling	Stand cut as part of Long Ride Hardwoods, East finger cut 2015. The west finger the southern half was cut 2015 but the northern portion was never cut due to volumes and water in the stand. Hardwood stand of hard maple with red maple, basswood, large diameter aspen, occasional spruce and cedar. East/west drainages/low areas within the stand with lower basal area. patchy balsam understory. Southeast corner of the
40	Yellow Birch Quaking Aspen Hemlock 4112 - Maple, Beech Canopy Species Sugar Maple Red Maple Basswood Quaking Aspen	20 2 66 10 <b>% Cover</b> 70 17 5 2	Sapling Pole Sapling Log Association Size Class Pole/Log Pole/Log Pole Log/Pole	1       9       2     1       10   Poletimber N       DBH     Ag       9     9       9     9       10     10	Well	Beech Balsam Fir Blackberry/Raspberr 67.2 93 Sub-Canopy Specie Sugar Maple Red Maple	Low Low 51-80 <b>S</b> Density Medium Medium	< 5 feet < 5 feet N/A Avg. Height Variable Variable	Sapling Sapling Tall Shrub Size Sapling Sapling	Stand cut as part of Long Ride Hardwoods, East finger cut 2015. The west finger the southern half was cut 2015 but the northern portion was never cut due to volumes and water in the stand. Hardwood stand of hard maple with red maple, basswood, large diameter aspen, occasional spruce and cedar. East/west drainages/low areas within the stand with lower basal area. patchy balsam understory. Southeast corner of the

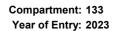
# Report 7 – Stands



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Stan	d Level 4 C	over Type		Size D	ensity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
41	4112 - Maple, Beec	h, Cherry A	ssociation	Poletim	ber Well	97.9	88	51-80	N/A		Hard maple with basswood and red maple. Good site. Decent quality.
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Car	nopy Species	Density	Avg. Height	Size	Areas of lower quality and lower basal area. Drainages and associated slopes within the stand. Scattered hemlock. Component of aspen. Lot
	Sugar Maple	65	Pole/Log		88	Suga	ar Maple	Medium	Variable	Sapling	of maple 3 inch dbh and 30 ft tall. Smaller diameters in spots.
	Red Maple	24	Pole/Log	8		Wh	ite Ash	Low	Variable	Sapling	
	Basswood	5	Pole/Log	9		В	Beech	Medium	< 5 feet	Sapling	11/2019: Select cut in spring 2019 as part of Muddy Tires Hardwoods, #018-13.
	White Ash	3	Log/Pole	12		Bal	sam Fir	Low	Variable	Sapling	
	Quaking Aspen	1	Log/Pole	12							-
	Hemlock	2	Log/Pole	11							
42	4130	- Aspen		Saplir	g Well	27.1	12 I	Immature	N/A		Stand cut as sale #45-03-01. Done in 2010. Stand was chipped. Good
-	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Car	nopy Species	Density	Avg. Height	Size	amount of dead and down material remaining. Good thick regeneration over 10 ft tall.
	Red Maple	10	Sapling	1		Rec	d Maple	Low	< 5 feet	Sapling	
	Quaking Aspen	85	Sapling	2	12	Blackber	ry/Raspberry	High	< 5 feet	Tall Shrub	
	Balsam Fir	3	Sapling	2	-						_
	Pin Cherry	2	Sapling	1							
43	4130	- Aspen		Sapling	Medium	16.9	12 I	Immature	N/A		Stand cut in 2009 as sale #043-03-01. Regeneration is coming in well,
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Car	nopy Species	Density	Avg. Height	Size	fully stocked. Aspen with red maple, basswood, balsam.
	Red Maple	5	Sapling	1		Red	d Maple	Low	< 5 feet	Sapling	
	Yellow Birch	2	Pole/Log	9		Blackber	ry/Raspberry	Low	< 5 feet	Tall Shrub	2
	Basswood	5	Sapling	1							-
	Quaking Aspen	80	Sapling	2	12						
	Balsam Fir	6	Sapling	1							
	Hemlock	2	Log/Pole	12							
44	4199 - Other Mixe	d Upland D	eciduous	Poletim	ber Well	71.0	85	111-140	N/A		Mixture of high and lower ground. Variable throughout. Higher percentage of "lower" areas in the northern portions of the stand. Low
	Canopy Species	% Cover	Size Class	b DB	H Age	Sub-Car	nopy Species	Density	Avg. Height	Size	areas of black ash, elm, hemlock, red maple. Higher areas of red maple
	Sugar Maple	8	Pole	8		Rec	d Maple	Medium	5 - 10 feet	Sapling	hard maple, balsam, basswood, etc. Lower quality stand overall.
	Red Maple	40	Pole/Log	9	85	В	Beech	Low	< 5 feet	Sapling	Pockets of small diameter, low basal area.
	Beech	5	Pole	9		Bal	sam Fir	Medium	Variable	Sapling	Stand part of the DWC and was dropped this entry and acres were
	Quaking Aspen	5	Log/Pole	11		Bla	ick Ash	Medium	Variable	Sapling	moved to another Compartment in the DWC to be harvested.
		5	Pole	8							-
	Balsam Fir	5									
	Balsam Fir Hemlock	7	Log/Pole	11							
			Log/Pole Pole	11							

# Report 7 – Stands



										Year of Entry: 2023
itand Level 4 C	Cover Type	s	Size De	ensity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
<b>45</b> 4130	) - Aspen	P	oletimb	er Well	l 26.7	35	51-80	N/A		Stand cut as sale #51-84. TSI'd in 1986. Young aspen stand moving
Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	from sapling size to pole size. Nice thick stand of aspen.
Sugar Maple	5	Sapling/Pole	4		Re	d Maple	High	Variable	Sapling	
Red Maple	5	Sapling/Pole	4		Ba	lsam Fir	Medium	10 - 20 feet	Sapling	
Basswood	5	Sapling/Pole	4							
Quaking Aspen	80	Pole/Sapling	5	35						
Balsam Fir	5	Pole/Sapling	6							
<b>46</b> 6115 - L	owland Asl	n Po	oletimb	er Well	I 5.4	105	81-110	N/A		
Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Red Maple	5	Pole	8		Re	d Maple	Low	Variable	Sapling	
Yellow Birch	10	Pole	8		Ba	Isam Fir	Medium	Variable	Sapling	
Black Spruce	5	Pole	9		Bla	ack Ash	Medium	Variable	Sapling	
Northern White Cedar	5	Pole	7							1
Disal: Ask	75									
Black Ash	75	Pole	6	105						
<b>47</b> 6117 - Lowland Cor	Deciduous niferous	, Mixed Po	oletimb	er Poor		76	51-80	N/A	0:	Open, lowland stand with drainage through it.
47 6117 - Lowland Cor Canopy Species	Deciduous hiferous <b>% Cover</b>	, Mixed Po	oletimb DBH		Sub-Ca	nopy Species	Density	Avg. Height	Size	Open, lowland stand with drainage through it.
47 6117 - Lowland Cor Canopy Species Red Maple	Deciduous niferous <b>% Cover</b> 25	, Mixed Po Size Class Pole	Detimb	er Poor	Sub-Ca Ba	<b>nopy Species</b> Isam Fir	Density Medium	<b>Avg. Height</b> Variable	Sapling	Open, lowland stand with drainage through it.
47 6117 - Lowland Cor Canopy Species Red Maple Black Spruce	Deciduous niferous % Cover 25 15	, Mixed Po Size Class Pole Pole	DBH 7 7	er Poor	Sub-Ca Ba Blac	<b>nopy Species</b> Isam Fir ck Spruce	Density Medium Medium	<b>Avg. Height</b> Variable Variable	Sapling Sapling	
47 6117 - Lowland Cor Canopy Species Red Maple Black Spruce White Pine	Deciduous niferous % Cover 25 15 5	Size Class Pole Pole Pole Pole/Log	Detimb DBH 7 7 9	er Poor	Sub-Ca Ba Blac	<b>nopy Species</b> Isam Fir	Density Medium	<b>Avg. Height</b> Variable	Sapling	
<ul> <li>6117 - Lowland Cor</li> <li>Canopy Species</li> <li>Red Maple</li> <li>Black Spruce</li> <li>White Pine</li> <li>Black Ash</li> <li>6128 - Lowland</li> </ul>	Deciduous niferous 25 15 5 55 Coniferous	Mixed Por Size Class Pole Pole Pole/Log Pole	DBH           7           9           6	er Poor	Sub-Ca Ba Blao Ta	<b>nopy Species</b> Isam Fir ck Spruce	Density Medium Medium	<b>Avg. Height</b> Variable Variable	Sapling Sapling	
<ul> <li>47 6117 - Lowland Cor</li> <li>Canopy Species</li> <li>Red Maple</li> <li>Black Spruce</li> <li>White Pine</li> <li>Black Ash</li> <li>48 6128 - Lowland Dec</li> </ul>	Deciduous niferous 25 15 55 Coniferous ciduous	Mixed Poles Pole Pole Pole/Log Pole, Mixed Pole	Detimb DBH 7 7 9 6 0	er Poor I Age 76	Sub-Ca Ba Blac Ta I 33.3	nopy Species Isam Fir ck Spruce ag Alder 105	Density       Medium       Medium       Medium       81-110	Avg. Height Variable Variable Variable N/A	Sapling Sapling Tall Shrub	
<ul> <li>47 6117 - Lowland Cor</li> <li>Canopy Species</li> <li>Red Maple</li> <li>Black Spruce</li> <li>White Pine</li> <li>Black Ash</li> <li>48 6128 - Lowland Deat</li> <li>Canopy Species</li> </ul>	Deciduous niferous 25 15 55 Coniferous ciduous	Mixed Pole Pole Pole/Log Pole S, Mixed Pole	DIetimb DBH 7 7 9 6 DIetimb	er Poor I Age 76	Sub-Ca Ba Blac Ta I 33.3 Sub-Ca	nopy Species Isam Fir ck Spruce ag Alder 105 nopy Species	Density Medium Medium Medium 81-110 Density	Avg. Height Variable Variable Variable N/A Avg. Height	Sapling Sapling Tall Shrub	
<ul> <li>47 6117 - Lowland Cor</li> <li>Canopy Species</li> <li>Red Maple</li> <li>Black Spruce</li> <li>White Pine</li> <li>Black Ash</li> <li>48 6128 - Lowland Dec</li> <li>Canopy Species</li> <li>Red Maple</li> </ul>	Deciduous niferous 25 15 55 55 Coniferous ciduous <b>% Cover</b> 5	Mixed Pole Pole Pole/Log Pole/Log Antixed Pole	Detimb DBH 7 9 6 Detimb DBH 8	er Poor I Age 76	Sub-Ca Ba Blac Ta 1 33.3 Sub-Ca Re	nopy Species Isam Fir sk Spruce ag Alder 105 nopy Species ed Maple	Density       Medium       Medium       Medium       S1-110         Density       Low	Avg. Height Variable Variable Variable N/A Avg. Height 5 - 10 feet	Sapling Sapling Tall Shrub Size Sapling	
<ul> <li>47 6117 - Lowland Cor</li> <li>Canopy Species</li> <li>Red Maple</li> <li>Black Spruce</li> <li>White Pine</li> <li>Black Ash</li> <li>6128 - Lowland Der</li> <li>Canopy Species</li> <li>Red Maple</li> <li>Paper Birch</li> </ul>	Deciduous niferous 25 15 55 Coniferous ciduous <b>% Cover</b> 5 10	Mixed Poile Poile Poile Poile/Log Poile Poile Poile Poile Size Class Poile Poile Poile	DBH           7           9           6           coletime           bletime           bletime	er Poor I Age 76	Sub-Ca Ba Blac Ta 1 33.3 Sub-Ca Re Ba	nopy Species Isam Fir Sk Spruce ag Alder 105 105 nopy Species d Maple Isam Fir	Density       Medium       Medium       Medium       81-110       Density       Low       Medium	Avg. Height Variable Variable Variable N/A Avg. Height 5 - 10 feet Variable	Sapling Sapling Tall Shrub Size Sapling Sapling	
<ul> <li>47 6117 - Lowland Cor</li> <li>Canopy Species</li> <li>Red Maple</li> <li>Black Spruce</li> <li>White Pine</li> <li>Black Ash</li> <li>48 6128 - Lowland Dea</li> <li>Canopy Species</li> <li>Red Maple</li> <li>Paper Birch</li> <li>Balsam Fir</li> </ul>	Deciduous niferous 25 15 55 Coniferous ciduous % Cover 5 10 10	Mixed Poiles Poile Poile Poile/Log Poile/Log Poile Poile Size Class Poile Poile Poile Poile	Detimb DBH 7 9 6 Detimb DBH 8 8 8 8	er Poor I Age 76	Sub-Ca Ba Blac Ta I 33.3 Sub-Ca Re Ba Blac	nopy Species Isam Fir Sk Spruce ag Alder 105 105 nopy Species Isam Fir Sk Spruce	Density Medium Medium Medium 81-110 ■ Density Low Medium Low	Avg. Height Variable Variable Variable N/A Avg. Height 5 - 10 feet Variable 5 - 10 feet	Sapling Sapling Tall Shrub Size Sapling Sapling Sapling	
<ul> <li>47 6117 - Lowland Cor</li> <li>Canopy Species</li> <li>Red Maple</li> <li>Black Spruce</li> <li>White Pine</li> <li>Black Ash</li> <li>48 6128 - Lowland Dec</li> <li>Canopy Species</li> <li>Red Maple</li> <li>Paper Birch</li> <li>Balsam Fir</li> <li>White Spruce</li> </ul>	Deciduous niferous 25 15 55 55 Coniferous ciduous % Cover 5 10 10 10	Mixed Parts Pole Pole Pole Pole Pole Pole Pole Pole	DBH 7 7 9 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	er Poor I Age 76	Sub-Ca Ba Blac Ta I 33.3 Sub-Ca Re Ba Blac	nopy Species Isam Fir Sk Spruce ag Alder 105 105 nopy Species d Maple Isam Fir	Density       Medium       Medium       Medium       81-110       Density       Low       Medium	Avg. Height Variable Variable Variable N/A Avg. Height 5 - 10 feet Variable	Sapling Sapling Tall Shrub Size Sapling Sapling	
<ul> <li>47 6117 - Lowland Cor</li> <li>Canopy Species</li> <li>Red Maple</li> <li>Black Spruce</li> <li>White Pine</li> <li>Black Ash</li> <li>48 6128 - Lowland Deat</li> <li>Canopy Species</li> <li>Red Maple</li> <li>Paper Birch</li> <li>Balsam Fir</li> <li>White Spruce</li> <li>Black Spruce</li> </ul>	Deciduous niferous 25 15 55 55 Coniferous ciduous % Cover 5 10 10 10 10 15	Mixed Poiles Poile Poile Poile/Log Poile/Log Poile Poile Size Class Poile Poile Poile Poile	Detimb DBH 7 9 6 Detimb DBH 8 8 8 8	er Poor I Age 76	Sub-Ca Ba Blac Ta I 33.3 Sub-Ca Re Ba Blac	nopy Species Isam Fir Sk Spruce ag Alder 105 105 nopy Species Isam Fir Sk Spruce	Density Medium Medium Medium 81-110 ■ Density Low Medium Low	Avg. Height Variable Variable Variable N/A Avg. Height 5 - 10 feet Variable 5 - 10 feet	Sapling Sapling Tall Shrub Size Sapling Sapling Sapling	
<ul> <li>47 6117 - Lowland Cor</li> <li>Canopy Species</li> <li>Red Maple</li> <li>Black Spruce</li> <li>White Pine</li> <li>Black Ash</li> <li>48 6128 - Lowland Dec</li> <li>Canopy Species</li> <li>Red Maple</li> <li>Paper Birch</li> <li>Balsam Fir</li> <li>White Spruce</li> </ul>	Deciduous niferous 25 15 55 55 Coniferous ciduous % Cover 5 10 10 10 10 15	Mixed Parts Pole Pole Pole Pole Pole Pole Pole Pole	DBH 7 7 9 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	er Poor I Age 76	Sub-Ca Ba Blac Ta I 33.3 Sub-Ca Re Ba Blac	nopy Species Isam Fir Sk Spruce ag Alder 105 105 nopy Species Isam Fir Sk Spruce	Density Medium Medium Medium 81-110 ■ Density Low Medium Low	Avg. Height Variable Variable Variable N/A Avg. Height 5 - 10 feet Variable 5 - 10 feet	Sapling Sapling Tall Shrub Size Sapling Sapling Sapling	

# Report 7 – Stands

Compartment: 133

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Year of Entry: 2023

Stand	d Level 4 C	over Type		Size D	ensity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
49	4112 - Maple, Beec	h, Cherry A	ssociation	Poletim	per Well	71.0	93	51-80	N/A		Hardwood stand of hard maple with red maple, basswood, aspen and
	Canopy Species	% Cover	Size Class	b DB	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	hemlock. Patchy balsam understory. Very nice stand in many spots. Some areas of lower quality and slightly lower ground.
	Sugar Maple	72	Pole/Log	9	93	Sug	ar Maple	Medium	Variable	Sapling	
	Red Maple	19	Pole/Log	9		Re	d Maple	Medium	Variable	Sapling	11/2019: harvested via selection cut in spring 2019 as part of Muddy
	Basswood	5	Pole	9		Ba	lsam Fir	Medium	Variable	Sapling	Tires Hardwoods, #018-13.
	Quaking Aspen	1	Log/Pole	11							
	Balsam Fir	1	Pole	8							
	Hemlock	2	Log/Pole	12							
50	4112 - Maple, Beec	h, Cherry A	ssociation	Poletim	ber Well	25.5	93	81-110	N/A		Decent hardwood stand with good understory coming in. Basal area is
	Canopy Species	% Cover	Size Class	b DB	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	still a little low but next entry should be looked at for a harvest. Easy access along west side of the stand.
	Sugar Maple	45	Pole/Log	9	93	Sug	ar Maple	Medium	5 - 10 feet	Sapling	
	Red Maple	38	Pole	7		Re	d Maple	Low	5 - 10 feet	Sapling	
	Basswood	10	Pole	8		Ва	Isam Fir	Medium	Variable	Sapling	
	Bigtooth Aspen	5	Log	12							-
	Hemlock	2	Log/Pole	10							
							nopy Species	Density High	Avg. Height	Size Tall Shrub	
52	4112 - Maple, Beec	h, Cherry A	ssociation			2.6	0	111-140	N/A		2021 - Stand still under contract and yet to be cut.
	Canopy Species	% Cover	Size Class	5 DB	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Hardwood stand of hard maple with red maple, basswood, large diamet
	Sugar Maple	70	Pole/Log		93		ar Maple	Medium	Variable	Sapling	aspen, occasional spruce and cedar. East/west drainages/low areas
	Red Maple	17	Pole/Log				d Maple	Medium	Variable	Sapling	within the stand with lower basal area. patchy balsam understory. Southeast corner of the stand is very nice maple.
	Basswood	5	Pole	9		Ba	Isam Fir	Medium	Variable	Sapling	Southeast corrier of the stand is very filee maple.
	Quaking Aspen	2	Log/Pole								
	Balsam Fir	2	Pole	8							
	White Spruce	2	Log/Pole								
No	orthern White Cedar	2	Pole	8							
53	4130	- Aspen		Saplin	-	3.2	12	Immature	N/A		Stand cut as sale #043-03-01 in 2009.
	Canopy Species		Size Class		- Age		nopy Species	Density	Avg. Height	Size	
	Red Maple	8	Sapling	1			d Maple	Medium	< 5 feet	Sapling	
	Yellow Birch	2	Log	12		Blackbe	rry/Raspberry	Low	Variable	Tall Shrub	
	Quaking Aspen	85	Sapling	2	12	Asp	en (spp.)	Medium	< 5 feet	Sapling	
	Black Cherry	5	Sapling	1							

# Report 7 – Stands



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Stand	l level 4 C	over Type		Size De	nsitv	Acres	Stand Age B	A Range	Managed S	ite	General Comments
							•	•	N/A		
54	4119 - Mixed Northern Hardwoods		Poletimber Well		15.0	93	81-110			Lower quality stand with some wet areas throughout. Private to the east.	
	Canopy Species		Size Class		-		opy Species	Density	Avg. Height	Size	-
	Sugar Maple	45	Pole/Log		93		d Maple	Low	5 - 10 feet	Sapling	-
	Red Maple	30	Pole	7		Bal	sam Fir	Medium	Variable	Sapling	
	Yellow Birch	5	Pole/Log								
	Basswood	10	Pole	8							
	Bigtooth Aspen	5	Log	12							
	Hemlock	5	Log/Pole	11							
55	4112 - Maple, Beed	h, Cherry A	ssociation	Poletimber Well		28.5	28.5 93 51-80		N/A		Hard maple stand. Medium quality. Component of spruce and yellow
	Canopy Species % Cover Size Class		Size Class	DBH Age		Sub-Car	nopy Species	Density	Avg. Height	Size	birch, hemlock. Beech is dying out of stand. Good site. Wild leeks as around cover.
	Sugar Maple	60	Pole/Log	9	93	Suga	ar Maple	Low	Variable	Sapling	9.04.14 00.001
	Red Maple	25	Pole/Log	9		В	leech	Medium	< 5 feet	Sapling	11/2019: Select cut in spring 2019 as part of Muddy Tires Hardwoods,
	Yellow Birch	2	Log/Pole	11		Bal	sam Fir	Medium	Variable	Sapling	#018-13.
	Basswood	8	Pole	8							1
	Hemlock	5	Log/Pole	11							
56	4130	- Aspen		Sapling N	ledium	10.7	2	mmature	N/A		11/2019: clearcut in spring 2019 as part of Muddy Tires Hardwood, #018-
	Canopy Species	% Cover	Size Class	DBH	Age						13.
	Quaking Aspen	78	Sapling	1	2						
	Red Maple	10	Sapling	1							
	Black Cherry	5	Sapling	1							
	Balsam Fir	5	Sapling	2							
	White Pine	2	Log/XLog	14							
	4120 Acres									••••••••••••••••••••••••••••••••••••••	
57	4130 - Aspen		Sapling Medium		2.6	2	mmature	N/A		Moderate Aspen and red maple regen within the stand.	
	Canopy Species		Size Class								11/2019: clearcut in spring 2019 as part of Muddy Tires Hardwoods,
	Quaking Aspen	85	Sapling	1	2						#018-13. Stand continues into the compartment to the south.
	Red Maple	15	Sapling	1							
58	4130 - Aspen		Sapling Well		48.1			N/A		Stand cut in 2009 as sale #43-03-01. Young aspen regeneration with rec maple. Fiar amount of residual overstory, mostly in the southern half of	
	Canopy Species		Size Class		Age		nopy Species	Density	Avg. Height	Size	the stand. Less quality in regeneration (sparse) in areas of residual
	Red Maple	15	Sapling	1			d Maple	Medium	Variable	Sapling	hemlock and yellow birch. Good aspen regeneration in most areas.
	Yellow Birch	5	Pole	9		Blackber	ry/Raspberry	Medium	< 5 feet	Tall Shrub	
	Quaking Aspen	65	Sapling	2	12						
No	rthern White Cedar	3	Pole	8							
	Hemlock	12	Log/Pole	12	100						

# Report 7 – Stands

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Year of Entry: 2023

Stand	Level 4 Cover Type			Size Density			Acres Stand Age BA Range			Site	General Comments
59	6129 - Mixed Conif	erous Lowla	and Forest	Poletimber Well		II 24.7	82	111-140	N/A		Lowland conifers. Good cedar component in spots. Very mixed stand. Areas of lowland hardwoods.
	Canopy Species	% Cover	Size Class	DBH Age		Sub-Canopy Species		Density	Avg. Height	Size	
	Red Maple	5	Pole/Log	8		Re	d Maple	Low	Variable	Sapling	Part of the DWC project and identified as stand to cut this entry. Stand i
	Yellow Birch	2	Pole	8		Bal	sam Fir	High	Variable	Sapling	very muck and wet along Kneeland road.
	Quaking Aspen	5	Pole/Log	9		Blac	k Spruce	Low	5 - 10 feet	Sapling	
	Black Spruce	15	Pole	8							
No	orthern White Cedar	43	Pole	8	82						
	White Pine	15	Log/Pole	12							
	Hemlock	15	Log/Pole	10							
60	4112 - Maple, Beech, Cherry Association		Poletimber Well		32.5	32.5 88 81-110		N/A		Small diameter hard maple with large diameter red maple, white ash and	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	hard maple. Pulp trees are still very small in diameter. Fair quality but some rot, seams, borer damage.
	Sugar Maple	50	Pole/Log	8	88	Re	d Maple	Low	Variable	Sapling	
	Red Maple	35	Log/Pole	11		E	Beech	Medium	5 - 10 feet	Sapling	
	Basswood	10	Pole	8		Bal	Balsam Fir		Variable	Sapling	
	White Ash	-									
		5	Log/Pole	12							
61	6129 - Mixed Conif	erous Lowla	and Forest	Poletimb		41.4 Sub-Car	82 Nopy Species	111-140 Density	N/A Ava. Heiaht	Size	Lowland conifers. Good cedar component in spots. Very mixed stand. Areas of lowland hardwoods.
61		erous Lowla	and Forest Size Class	Poletimb	er Well I <b>Age</b>	Sub-Car	82 nopy Species d Maple	111-140 <b>Density</b> Low	N/A <b>Avg. Height</b> Variable		
61	6129 - Mixed Conif Canopy Species	erous Lowla % Cover	and Forest	Poletimb DBH		Sub-Car Ree	nopy Species	Density Low	Avg. Height	<b>Size</b> Sapling Sapling	
61	6129 - Mixed Conif Canopy Species Red Maple	erous Lowla <b>% Cover</b> 5	and Forest Size Class Pole/Log	Poletimb DBH		Sub-Car Red Bal	nopy Species d Maple	Density	<b>Avg. Height</b> Variable	Sapling Sapling	
61	6129 - Mixed Conif Canopy Species Red Maple Yellow Birch	Ferous Lowla % Cover 5 2	and Forest Size Class Pole/Log Pole	Poletimb DBH 9 8		Sub-Car Red Bal	n <b>opy Species</b> d Maple sam Fir	DensityLowHigh	<b>Avg. Height</b> Variable Variable	Sapling	
	6129 - Mixed Conif Canopy Species Red Maple Yellow Birch Quaking Aspen	Ferous Lowla <b>% Cover</b> 5 2 5 5	and Forest Size Class Pole/Log Pole Pole/Log	Poletimb DBH 9 8 9		Sub-Car Red Bal	n <b>opy Species</b> d Maple sam Fir	DensityLowHigh	<b>Avg. Height</b> Variable Variable	Sapling Sapling	
	6129 - Mixed Conif Canopy Species Red Maple Yellow Birch Quaking Aspen Black Spruce	Ferous Lowla <b>% Cover</b> 5 2 5 15	and Forest Size Class Pole/Log Pole Pole/Log Pole	Poletimb DBH 9 8 9 8 8 8	I Age	Sub-Car Red Bal	n <b>opy Species</b> d Maple sam Fir	DensityLowHigh	<b>Avg. Height</b> Variable Variable	Sapling Sapling	
	6129 - Mixed Conif Canopy Species Red Maple Yellow Birch Quaking Aspen Black Spruce orthern White Cedar	erous Lowa <b>% Cover</b> 5 2 5 15 43	and Forest Size Class Pole/Log Pole Pole/Log Pole Pole Pole	Poletimb DBH 9 8 9 8 8 8 8	I Age	Sub-Car Red Bal	n <b>opy Species</b> d Maple sam Fir	DensityLowHigh	<b>Avg. Height</b> Variable Variable	Sapling Sapling	
	6129 - Mixed Conif Canopy Species Red Maple Yellow Birch Quaking Aspen Black Spruce orthern White Cedar White Pine Hemlock	Serous Lowa           5           2           5           15           43           15	and Forest Size Class Pole/Log Pole Pole/Log Pole Pole Log/Pole	Poletimb DBH 9 8 9 8 8 8 8 12	82	Sub-Car Red Bal	nopy Species d Maple Isam Fir k Spruce	DensityLowHigh	<b>Avg. Height</b> Variable Variable	Sapling Sapling	Areas of lowland hardwoods.
Nc	6129 - Mixed Conif Canopy Species Red Maple Yellow Birch Quaking Aspen Black Spruce orthern White Cedar White Pine Hemlock	Series         Lowlate           5         2           5         15           43         15           15         15	and Forest Size Class Pole/Log Pole Pole Pole Pole Log/Pole Log/Pole	Poletimb <b>DBH</b> 9 8 9 8 8 12 11 Sapling	82	Sub-Car Rec Bal Blac	n <b>opy Species</b> d Maple Isam Fir k Spruce	Density Low High Low	Avg. Height Variable Variable 5 - 10 feet	Sapling Sapling	Areas of lowland hardwoods.
No	6129 - Mixed Conif Canopy Species Red Maple Yellow Birch Quaking Aspen Black Spruce orthern White Cedar White Pine Hemlock 4130	erous Lowa <b>% Cover</b> 5 2 5 15 43 15 15 15 - Aspen	and Forest Size Class Pole/Log Pole Pole Pole Pole Log/Pole Log/Pole	Poletimb <b>DBH</b> 9 8 9 8 8 12 11 Sapling	82 Poor	Sub-Car Rec Bal Blac	n <b>opy Species</b> d Maple Isam Fir k Spruce	Density Low High Low	Avg. Height Variable Variable 5 - 10 feet	Sapling Sapling	Areas of lowland hardwoods.
Nc	6129 - Mixed Conif Canopy Species Red Maple Yellow Birch Quaking Aspen Black Spruce orthern White Cedar White Pine Hemlock 4130 Canopy Species Quaking Aspen	erous Lowa	and Forest Size Class Pole/Log Pole Pole Pole Log/Pole Log/Pole Size Class Sapling	Poletimb DBH 9 8 8 8 8 12 11 5apling DBH	82 82 Poor <b>Age</b> 2	Sub-Car Rec Bal Blac	hopy Species d Maple sam Fir k Spruce 2	Density Low High Low	Avg. Height Variable Variable 5 - 10 feet	Sapling Sapling	Areas of lowland hardwoods. Fully stocked with aspen after the last harvest. Clearcut in spring 2019 as part of Muddy Tires Hardwoods, #018-13. Stand was cut in 2009 as sale #043-03-01. White pine and yellow birch
Nc	6129 - Mixed Conif Canopy Species Red Maple Yellow Birch Quaking Aspen Black Spruce orthern White Cedar White Pine Hemlock 4130 Canopy Species Quaking Aspen	erous Lowa	and Forest Size Class Pole/Log Pole Pole Pole Log/Pole Log/Pole Size Class Sapling	Poletimb DBH 9 8 9 8 8 12 11 Sapling DBH 1 Sapling	82 82 Poor <b>Age</b> 2	Sub-Car Rec Bal Blac 2.8 2.8	hopy Species d Maple sam Fir k Spruce 2	Density Low High Low	Avg. Height Variable 5 - 10 feet N/A	Sapling Sapling	Areas of lowland hardwoods. Fully stocked with aspen after the last harvest. Clearcut in spring 2019 as part of Muddy Tires Hardwoods, #018-13.
Nc	6129 - Mixed Conif Canopy Species Red Maple Yellow Birch Quaking Aspen Black Spruce orthern White Cedar White Pine Hemlock 4130 Canopy Species Quaking Aspen 4130	erous Lowla	and Forest Size Class Pole/Log Pole Pole Pole Log/Pole Log/Pole Size Class Sapling	Poletimb DBH 9 8 9 8 8 12 11 Sapling DBH 1 Sapling	Age 82 Poor Age 2 Medium	Sub-Car Ret Bal Blac 2.8 2.8 22.2 Sub-Car	a Maple Isam Fir k Spruce 2	Density Low High Low	Avg. Height Variable 5 - 10 feet N/A	Sapling Sapling Sapling	Areas of lowland hardwoods. Fully stocked with aspen after the last harvest. Clearcut in spring 2019 as part of Muddy Tires Hardwoods, #018-13. Stand was cut in 2009 as sale #043-03-01. White pine and yellow birch
Nc	6129 - Mixed Conif Canopy Species Red Maple Yellow Birch Quaking Aspen Black Spruce orthern White Cedar White Pine Hemlock 4130 Canopy Species Quaking Aspen 4130	erous Lowla 5 2 5 15 43 15 15 - Aspen % Cover % Cover	and Forest Size Class Pole/Log Pole Pole Log/Pole Log/Pole Size Class Sapling	Poletimb <b>DBH</b> 9 8 9 8 8 12 11 Sapling <b>DBH</b> <b>Sapling N</b>	Age 82 Poor Age 2 Medium	Sub-Car Rea Bal Blac 2.8 2.8 22.2 Sub-Car Rea	anopy Species d Maple Isam Fir k Spruce 2 2 12 nopy Species	Density Low High Low Hommature Immature Density	Avg. Height Variable 5 - 10 feet N/A N/A	Sapling Sapling Sapling	Areas of lowland hardwoods. Fully stocked with aspen after the last harvest. Clearcut in spring 2019 as part of Muddy Tires Hardwoods, #018-13. Stand was cut in 2009 as sale #043-03-01. White pine and yellow birch
Nc	6129 - Mixed Conif Canopy Species Red Maple Yellow Birch Quaking Aspen Black Spruce orthern White Cedar White Pine Hemlock 4130 Canopy Species Quaking Aspen 4130 Canopy Species Red Maple	erous Lowa	and Forest Size Class Pole/Log Pole Pole Pole Log/Pole Log/Pole Size Class Sapling	Poletimb DBH 9 8 9 8 12 11 Sapling DBH 1 Sapling N DBH 1	Age 82 Poor Age 2 Medium	Sub-Car Rec Bal Blac 2.8 2.8 22.2 Sub-Car Rec Bal	hopy Species d Maple isam Fir k Spruce 2 2 12 hopy Species d Maple	Density Low High Low How Dow	Avg. Height Variable 5 - 10 feet N/A N/A Avg. Height	Sapling Sapling Sapling Sapling	Areas of lowland hardwoods. Fully stocked with aspen after the last harvest. Clearcut in spring 2019 as part of Muddy Tires Hardwoods, #018-13. Stand was cut in 2009 as sale #043-03-01. White pine and yellow birch residual left after harvest.
Nc	6129 - Mixed Conif Canopy Species Red Maple Yellow Birch Quaking Aspen Black Spruce orthern White Cedar White Pine Hemlock 4130 Canopy Species Quaking Aspen 4130 Canopy Species Red Maple Yellow Birch	erous Lowa	and Forest Size Class Pole/Log Pole Pole Pole Log/Pole Log/Pole Size Class Sapling Size Class Sapling	Poletimb DBH 9 8 9 8 12 11 Sapling DBH 1 Sapling N DBH 1 9	Age 82 Poor Age 2 Medium	Sub-Car Rec Bal Blac 2.8 2.8 22.2 Sub-Car Rec Bal	anopy Species d Maple sam Fir k Spruce 2 12 12 nopy Species d Maple sam Fir	Density Low High Low How Dow	Avg. Height Variable 5 - 10 feet N/A N/A Avg. Height < 5 feet < 5 feet	Sapling Sapling Sapling Sapling Sapling Sapling	Areas of lowland hardwoods. Fully stocked with aspen after the last harvest. Clearcut in spring 2019 as part of Muddy Tires Hardwoods, #018-13. Stand was cut in 2009 as sale #043-03-01. White pine and yellow birch residual left after harvest.

# Report 7 – Stands

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Stand	Level 4 Co	over Type		Size Density	Acres	Stand Age E	sa Range	Managed S	lite	General Comments
64	4112 - Maple, Beech, Cherry Association			Poletimber Well	31.7	31.7 93 111-140	N/A		Drainage within the stand, wet areas. Small diameters in areas, but	
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	Sub-Canopy Species		Avg. Height	Size	others have decent size and quality. Possibly cut a road out from the south to connect to Kneeland rd. See reference line data for road. Part
	Sugar Maple	40	Pole	8 93	Re	ed Maple	Medium	5 - 10 feet	Sapling	of DWC
	Red Maple	40	Pole	8	Ba	alsam Fir	Medium	Variable	Sapling	
	Yellow Birch	3	Log/Pole	10						Potentially add late start date to stand and keep the treatment on.
	Basswood	4	Pole	9						
	White Spruce	3	Log/Pole	12						
	Hemlock	10	Log/Pole	11						
65	500 -	Water		Nonstocked	1.4	U	Inspecified	No		
66	6229 - Mixed	lowland sl	hrub	Nonstocked	2.9	L	Inspecified	No		
67	500 -	Water		Nonstocked	11.8	0 L	Inspecified	No		Flooded stand from beavers, wood is deteriorating from flooding.
68	500 -	Water		Nonstocked	1.4	0 L	Inspecified	No		Flooding in the stand surrounding this beaver flooding.
69	613 - Lowland	d Mixed Fo	rest	Poletimber Well	14.9	60	51-80	N/A		Stand delinated out during the last timber sale. Lowlands situated between upland stands.
71	4112 - Maple, Beech	n, Cherry A	ssociation	Poletimber Well	2.2	93	81-110	N/A		Stand was cut in 2015-16 via single tree selection: The good and the bad #42-008-13.Southern portion of the stand is more hard maple with
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	red maple and yellow birch. Higher component of red maple in the
	Sugar Maple	73	Pole/Log	9 93	Sug	gar Maple	Medium	Variable	Sapling	northern portions of the stand. Large aspen throughout.
	Red Maple	10	Pole	8		Beech	Low	< 5 feet	Sapling	
	Yellow Birch	5	Pole/Log	9	Ba	alsam Fir	Medium	Variable	Sapling	
	Basswood	2	Pole	9						
	Beech	5	Log/Pole	10						
	Quaking Aspen	5	Log/Pole	10						