

# **Compartment Review Presentation**

**Newberry Forest Management Unit** 

Compartment 42035 Entry Year 2022 Acreage: 2,948 County Luce Management Area: Deer Park

**Revision Date: 2020-08-26** 

### Stand Examiner: Amy Douglass

### Legal Description:

T49N R09W Sections 18, 19, 30 - 32 T49N R10W Sections 13, 24, 25 & 36

### **Identified Planning Goals:**

Maintain, or enhance, the forest health, productivity and diversity of the area through proper management.

#### Soil and topography:

This area has sandy flat to rolling uplands with organic lowlands. There are short, steep slopes along East Branch of the Two-Hearted. The compartment is mostly Rubicon sands, with various other sandy associates - Croswell-Au Gres sands, Kalkaska-O'Keefe sands and Kinross-Au Gres complex. The lowland areas are predominately Carbondale, Lupton, and Tawas soils.

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

State lands are adjacent to the west and north. A mix of state and private holdings are located on the east, along the Two-Hearted River. To the south is a mix of corporate land, smaller private holdings and a large sportsman's club. The private parcels are primarily used seasonally for hunting and other recreation.

### **Unique Natural Features:**

The compartment contains the Chris Brown Swamp and Bog ERA. Also, the Two Hearted River is designated as a Natural River and any management must follow the Two Hearted Natural River Plan.

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

None known.

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

East Branch Two-Hearted River is part of the designated Two-Hearted Natural River. Follow the Two Hearted River Natural River Plan as well as BMP guidelines. There is an area designated as a core interior habitat area, where any management considered will enhance the habitat qualities for core interior species.

#### Watershed and Fisheries Considerations:

The East Branch Two Hearted River skirts the eastern edge of this compartment. The East Branch Two Hearted River is a Natural River and any treatments or activities planned in this compartment should comply to the recommendations in the Two Hearted River Natural River Plan.

#### Wildlife Habitat Considerations:

Compartment 35 lies in northern Luce county and is in the Grand Marais Sandy End Moraine and Outwash ecological subsubsection as well as the Deer Park Management Area with Kirtland's warbler, piping plover, red crossbill and American marten as featured species. High value conservation areas exist within this compartment including an ERA and a Lowland Mixed Core Interior Forest. Stands are typically more species diverse in this compartment with aspen, maple and birch being present in pine stands.

Wildlife values will be enhanced in this compartment by retaining diverse species in stands such as leaving mature aspen, birch or maple to provide future nest and den trees. Retained red, jack and white pine will serve as future nest trees and food sources. Species likely to utilize this compartment include coyotes, otter, bobcat, black bear, wolves, deer, and ruffed grouse.

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

No known potential exists for commercial oil & gas production in this part of the state, and there is no known potential for metallic minerals in this area. The nearest active sand/gravel pit is four miles to the west. There may be potential for sand & gravel development in the southern half of the compartment, but there may not be much demand in this area. No current mineral leasing activity exists in the area.

# Vehicle Access:

Access is generally good. County Road 414 runs along the north part of the compartment. Forest Trails Cris Brown Lake Road, the Shamrock Road, and a few other un-named trails offer further access. Cris Brown Lake Road and the Shamrock Road is used to access the camps on the west side of the river and as accessing a portion of the East Branch Sportsman's Club. The high water table over the past several years has presented some issues with the Cris Brown Lake Road, making portions to the west almost impassable at times.

#### **Survey Needs:**

None needed.

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

Dispersed camping occurs at several locations, mainly near the river. The snowmobile trail follows County Road 414 along the north edge of the compartment.

#### **Fire Protection:**

This compartment is in the Two Hearted Zone Dispatch Area. It has a moderate potential for large fire growth because of the fragmented fuel types. Risk to private properties bordered by Pine types would be moderate. The Duck Lake Fire in 2012 came within a half mile to the east of the compartment. Modified suppression tactics may need to be considered for activities in the Two Hearted River riparian zone.

#### Additional Compartment Information:

There is a cabin/camper trespass that is currently being worked on for corrective action.

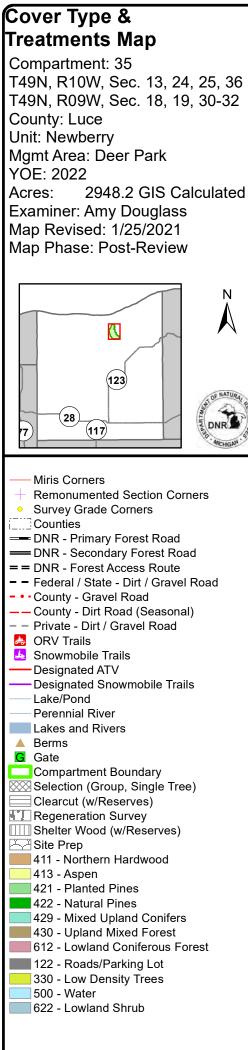
#### The following reports from the Inventory are attached:

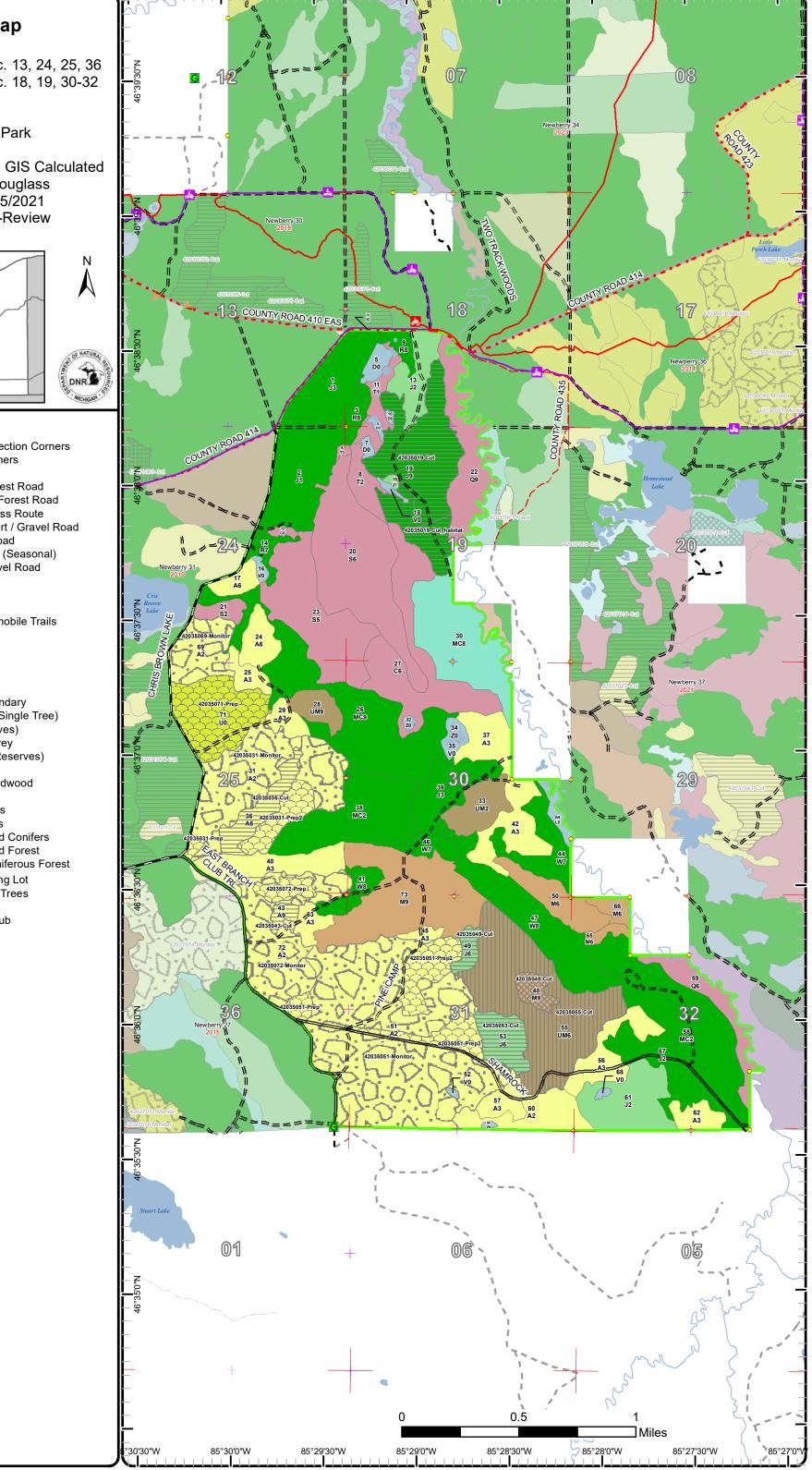
Total Acres by Cover Type and Age Class Cover Type by Harvest Method Proposed Treatments – No Limiting Factors Proposed Treatments – With Limiting Factors Stand Details (Forested and Nonforested) Dedicated and Proposed Special Conservation Areas Site Condition Details

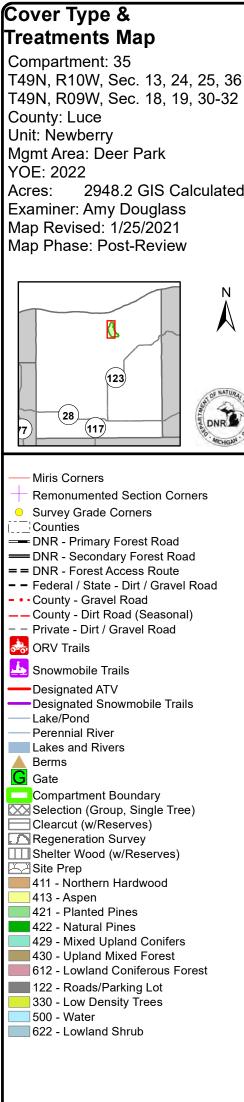
The following information is displayed, where pertinent, on the attached compartment maps: Base feature information, stand boundaries, cover types, and numbers

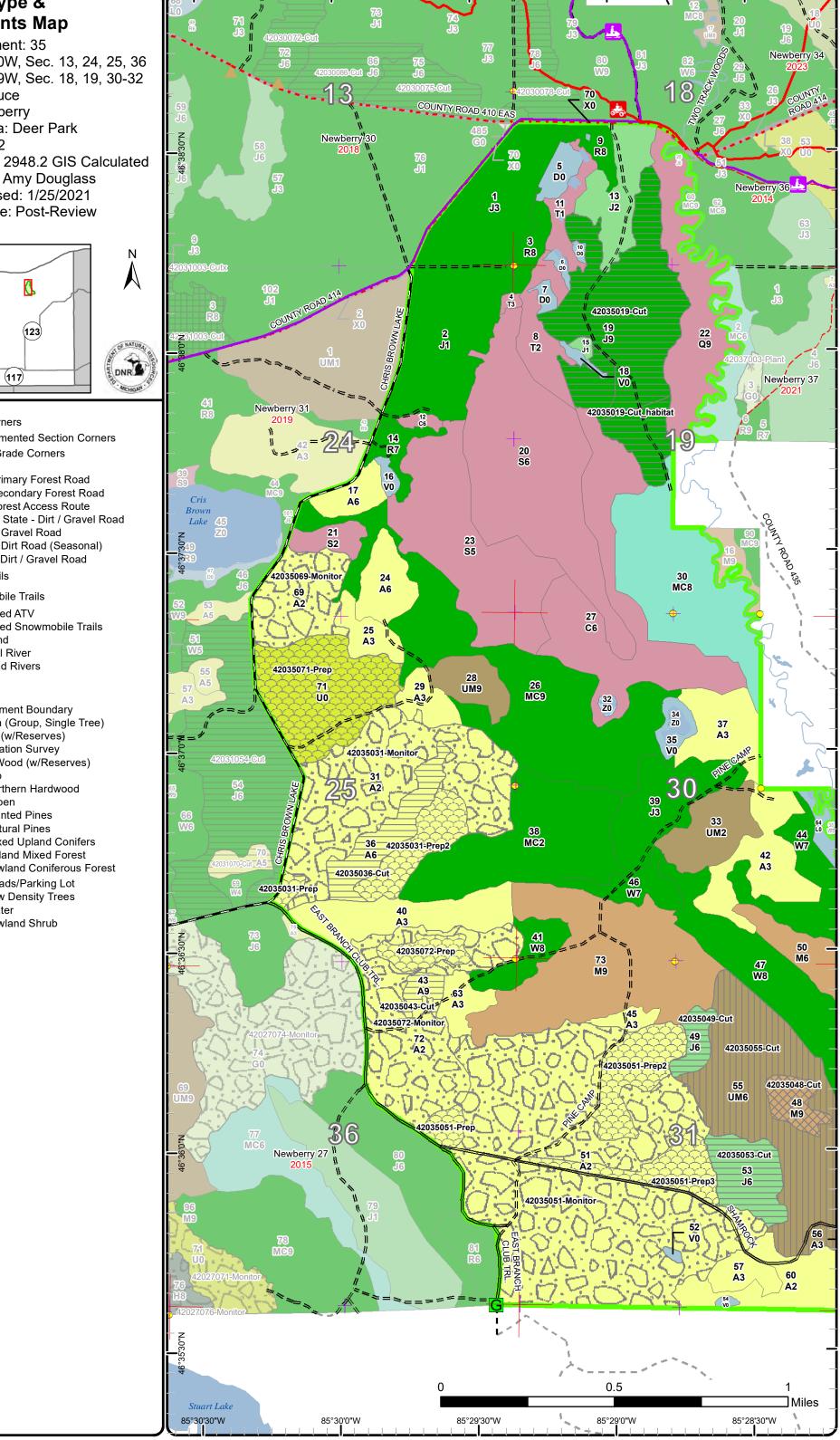
Proposed treatments Site condition boundaries

Details on the road access system



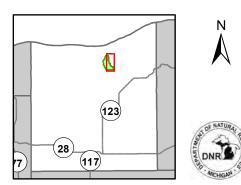


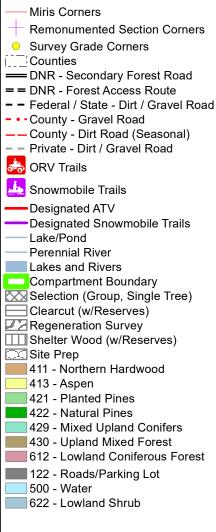


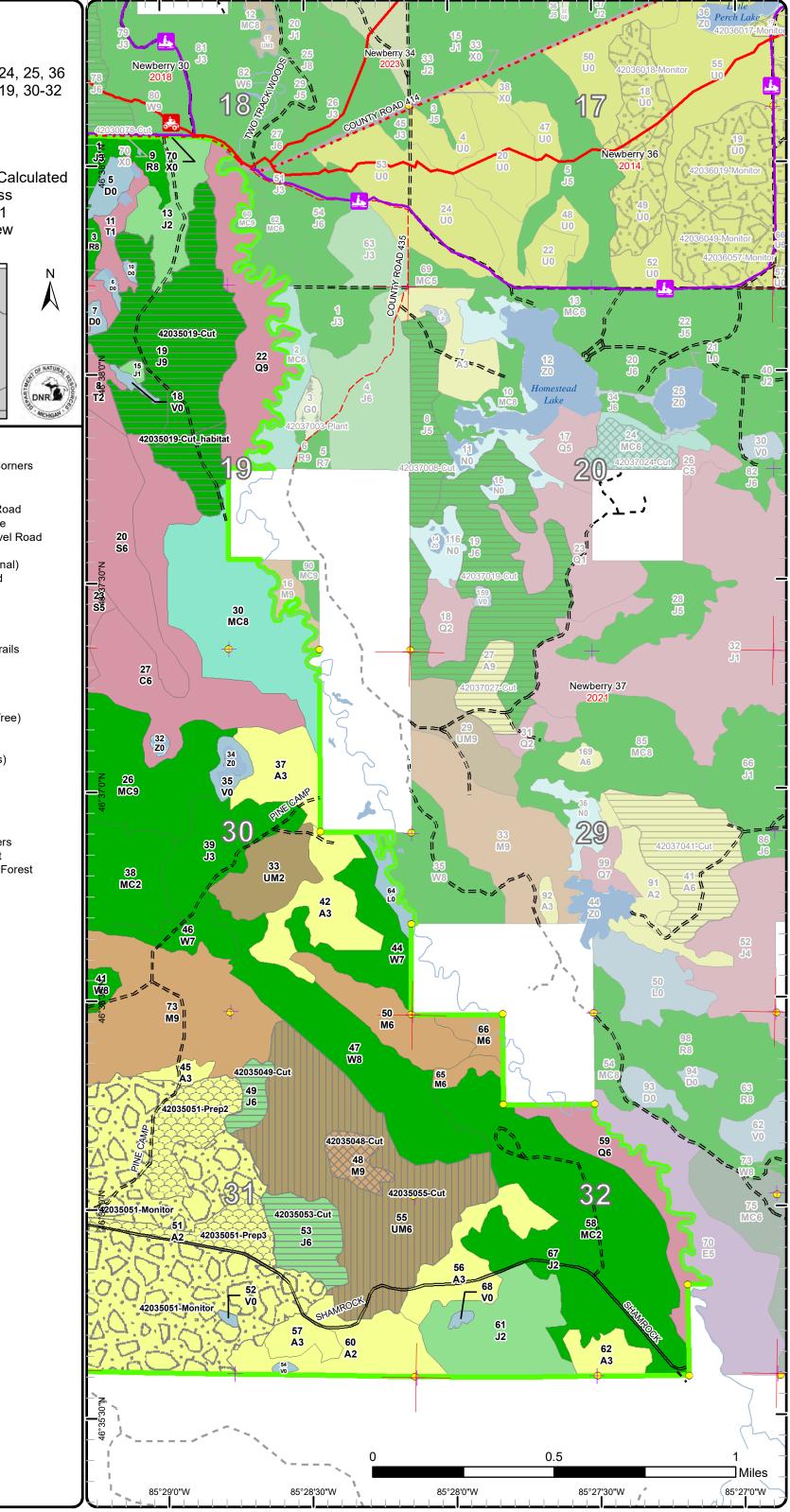


# Cover Type & Treatments Map

Compartment: 35 T49N, R10W, Sec. 13, 24, 25, 36 T49N, R09W, Sec. 18, 19, 30-32 County: Luce Unit: Newberry Mgmt Area: Deer Park YOE: 2022 Acres: 2948.2 GIS Calculated Examiner: Amy Douglass Map Revised: 1/25/2021 Map Phase: Post-Review

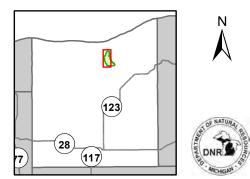




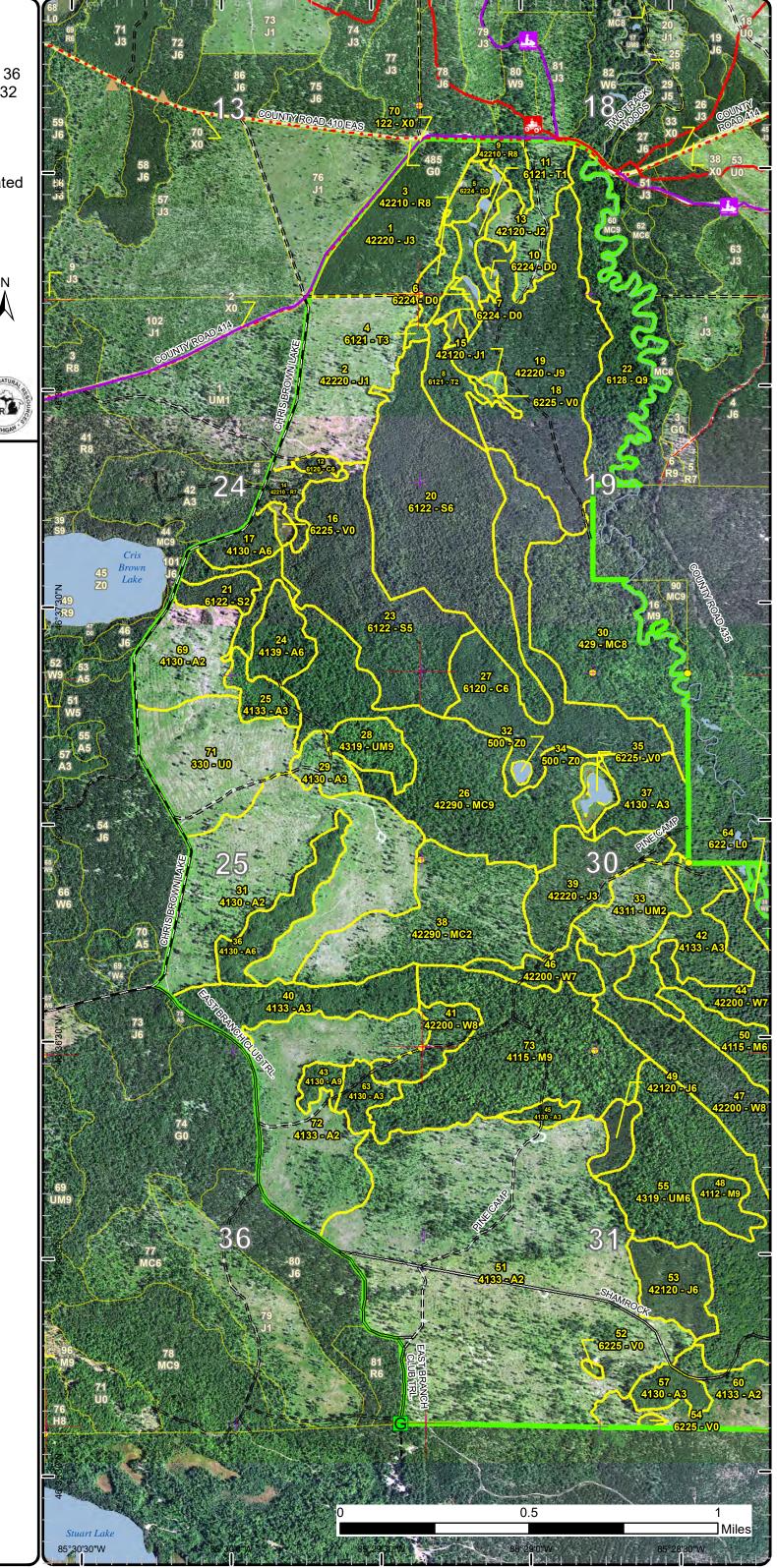


# Stand Boundary Map

Compartment: 35 T49N, R10W, Sec. 13, 24, 25, 36 T49N, R09W, Sec. 18, 19, 30-32 County: Luce Unit: Newberry Mgmt Area: Deer Park YOE: 2022 Acres: 2948.2 GIS Calculated Examiner: Amy Douglass Map Revised: 1/25/2021 Map Phase: Post-Review

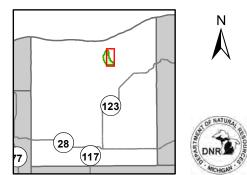


Miris Corners Remonumented Section Corners Survey Grade Corners  ${}^{\circ}$ Counties DNR - Primary Forest Road = = DNR - Forest Access Route Federal / State - Dirt / Gravel Road
 County - Gravel Road
 County - Dirt Road (Seasonal)
 Private - Dirt / Gravel Road 💑 ORV Trails 🚣 Snowmobile Trails Designated ATV Designated Snowmobile Trails Lake/Pond Perennial River Lakes and Rivers Berms G Gate Compartment Boundary Stand Boundaries 411 - Northern Hardwood 413 - Aspen 421 - Planted Pines 422 - Natural Pines 429 - Mixed Upland Conifers 430 - Upland Mixed Forest 612 - Lowland Coniferous Forest 122 - Roads/Parking Lot 330 - Low Density Trees 500 - Water 622 - Lowland Shrub

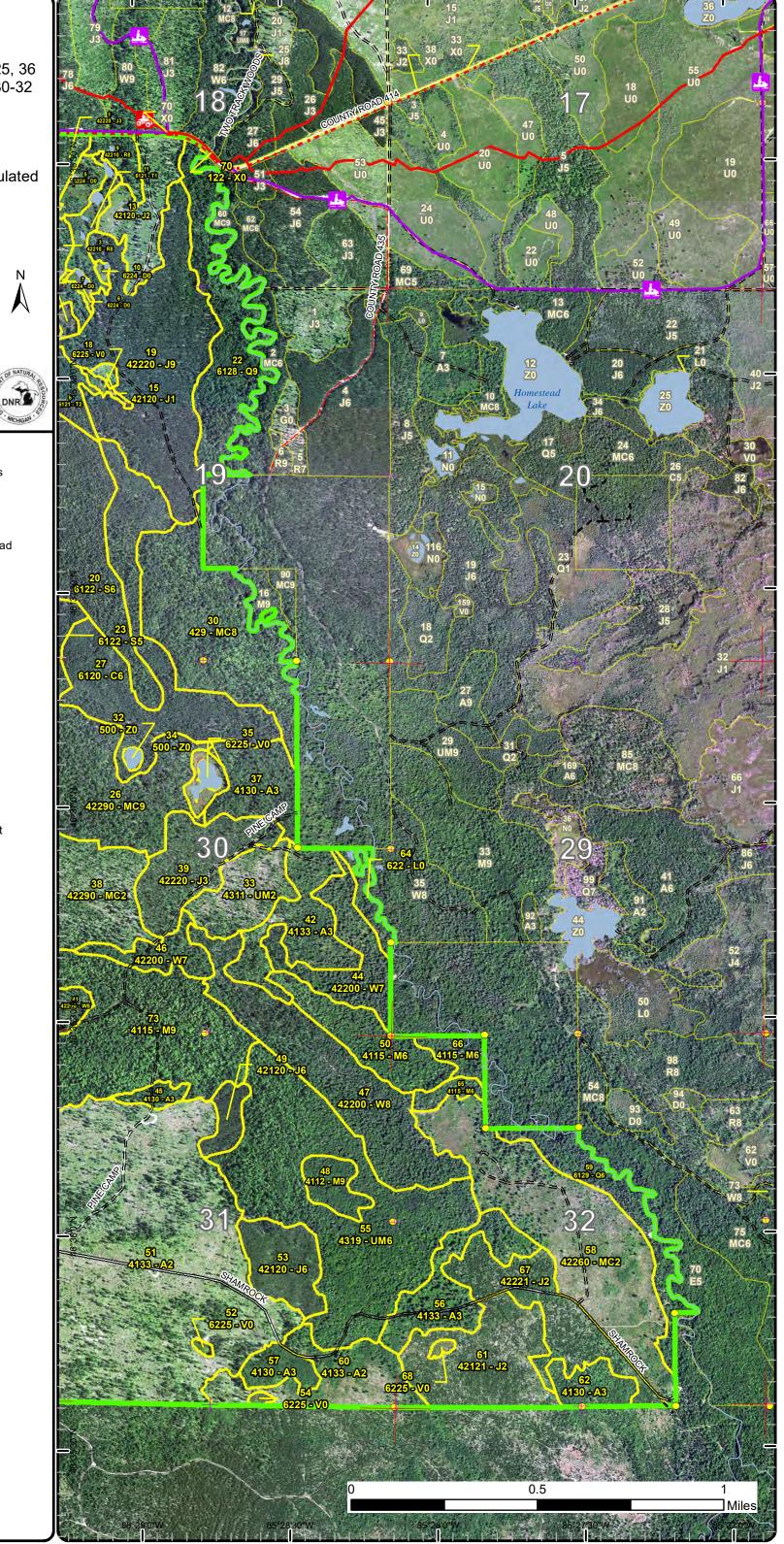


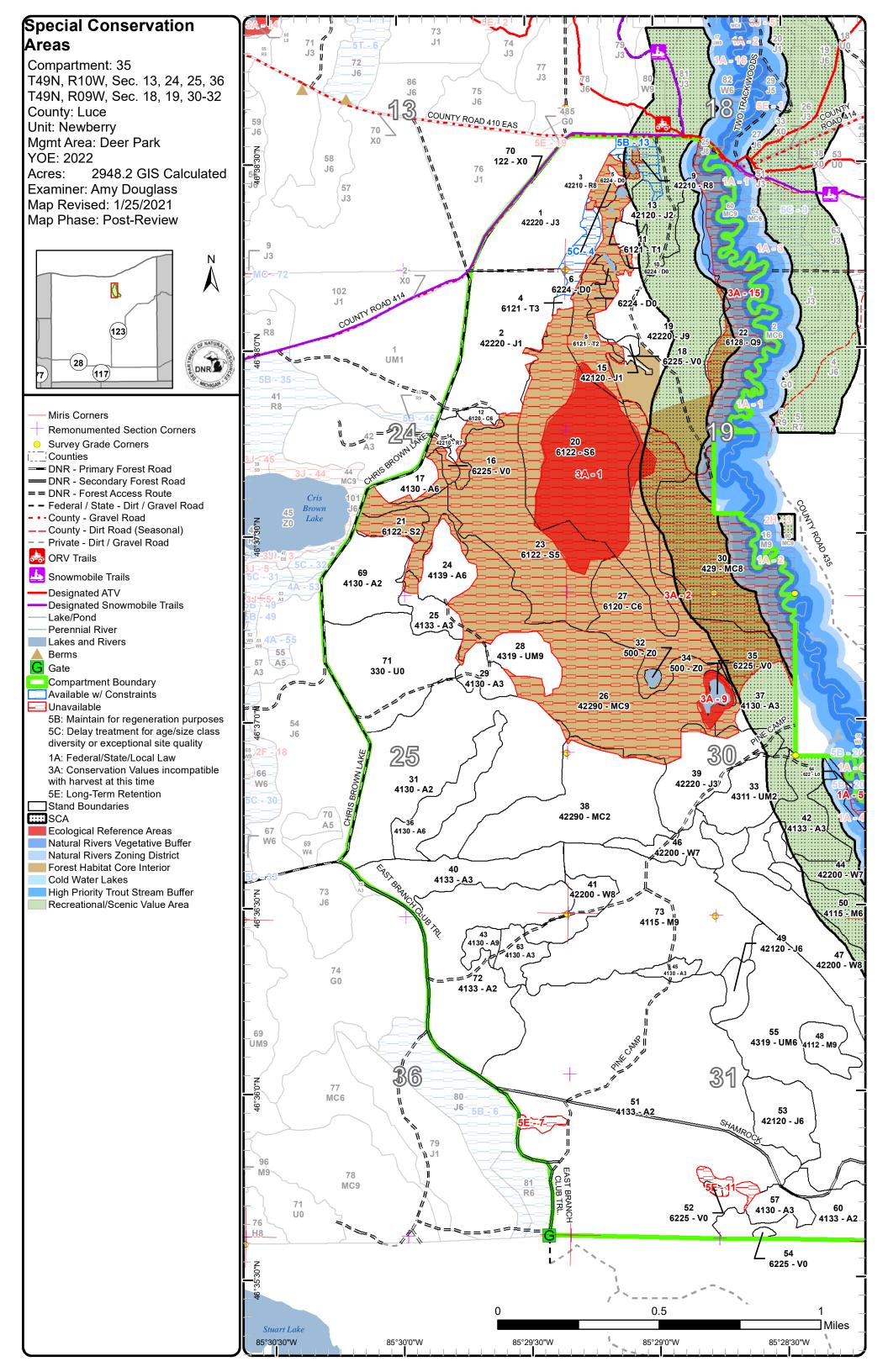
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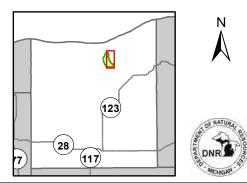
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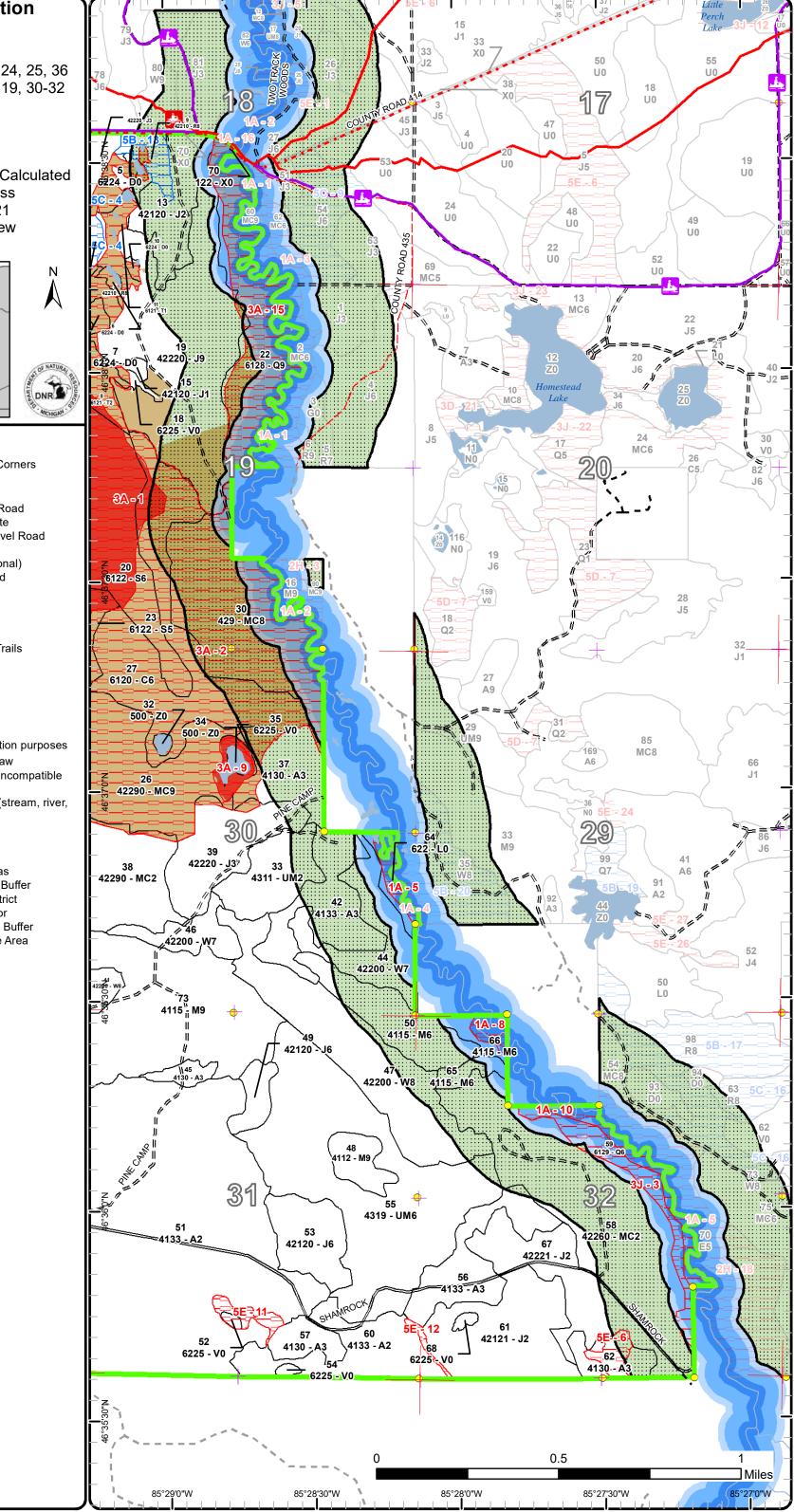


# Special Conservation Areas

Compartment: 35 T49N, R10W, Sec. 13, 24, 25, 36 T49N, R09W, Sec. 18, 19, 30-32 County: Luce Unit: Newberry Mgmt Area: Deer Park YOE: 2022 Acres: 2948.2 GIS Calculated Examiner: Amy Douglass Map Revised: 1/25/2021 Map Phase: Post-Review



Miris Corners **Remonumented Section Corners** Survey Grade Corners Counties DNR - Secondary Forest Road = = DNR - Forest Access Route - - Federal / State - Dirt / Gravel Road - • • County - Gravel Road - County - Dirt Road (Seasonal) - - Private - Dirt / Gravel Road 💑 ORV Trails 🚣 Snowmobile Trails Designated ATV Designated Snowmobile Trails Lake/Pond Perennial River Lakes and Rivers Compartment Boundary Available w/ Constraints Unavailable 5B: Maintain for regeneration purposes 1A: Federal/State/Local Law 3A: Conservation Values incompatible with harvest at this time 3J: Water quality / BMPs (stream, river, or lake) 5E: Long-Term Retention Stand Boundaries SCA Ecological Reference Areas Natural Rivers Vegetative Buffer Natural Rivers Zoning District Forest Habitat Core Interior High Priority Trout Stream Buffer Recreational/Scenic Value Area



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

Newberry Mgt. Unit



Age Class

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Aspen	0	634	131	79	61	0	0	27	7	0	0	0	0	0	0	0	0	0	938
Bog	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Cedar	0	0	0	0	0	0	0	0	3	0	0	0	92	0	0	0	0	0	95
Jack Pine	0	103	0	160	41	0	37	122	0	0	0	0	0	0	0	0	0	0	463
Low-Density Trees	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	62	0	0	0	0	33	95
Lowland Shrub	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Lowland Spruce/Fir	0	0	0	0	0	10	0	127	0	94	0	0	0	0	0	0	0	0	231
Natural Mixed Pines	0	0	199	0	0	0	0	0	0	0	139	0	0	0	0	0	0	0	338
Northern Hardwood	0	0	0	0	0	0	0	0	49	0	132	0	0	0	0	0	0	0	181
Red Pine	0	0	0	0	0	0	0	0	11	0	11	9	0	0	0	0	0	0	31
Tamarack	0	0	2	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	36
Treed Bog	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	88	88
Upland Mixed Forest	0	0	29	0	0	0	0	0	0	0	164	0	0	0	0	0	0	0	193
Urban	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Water	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
White Pine	0	0	0	0	0	0	0	0	52	0	96	0	0	0	0	0	0	0	148
Total	112	737	361	239	102	44	37	276	122	94	542	9	154	0	0	0	0	121	2948



Year of Entry: 2022 Acres of Harvest Commercial Harvest - 351 Harvests with Site Condition - 0 Next Step Harvest - 0 Habitat Cut - 0

## **Cover Type by Harvest Method**

				Contraction of the second	to of	and the second	idon i	Duning Contraction	Reported C	and the second s	500 1.50	A. C.
Aspen		34	0	0	0	0	0	0	0	0	34	[
Jack Pine		159	0	0	0	0	0	0	0	0	159	
Northern Hardwood		0	13	0	0	0	0	0	0	0	13	1
Upland Mixed Forest		0	0	0	0	146	0	0	0	0	146	
	Total	192	13	0	0	146	0	0	0	0	351	

# Proposed and Next Step Treatments by Method

		/.	Contraction of the second	C La	Contraction of the second	and a start of the	O. L.	and the set of the set	in the second second	3 <sup>50</sup> 2 <sup>50</sup>	<u>ره</u> / کړ	<sup>2</sup>
Current		351	168	0	0	0	0	519	0	0	1039	
Next Step		0	678	815	0	0	0	1854	0	0	3346	
	Total	351	846	815	0	0	0	2373	0	0	4385	

s		Newberry	Mgt. Unit		Repor	rt3	Treatments		Compartme Year of Entr		DNR DNR
t a									1001 01 211	j0	A DNR
n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut

# Approved Treatments:

	35019-Cut	90.2	42220 - Natural Jack Pine	Sawtimber Well	62	51-80	Harvest	Clearcut with Retention	4212 - Planted Jack Pine	Even-Aged	No
<u>Prescripti</u> Specs:			etention in patch(es Follow Two-Hearte					sity, located in the c nagement.	ore interior habita	t portion of the s	tand
Next Step Treatmen		Trenchi	ng; Planting, Initia	ll Plant; Mor	nitorin	ıg, Artificia	l Regen(1yr);	Monitoring, Artificia	l Regen(3yr)		
<u>Acceptab</u> Regen:	ole_Jack pine	e									
<u>Other</u> Comment			uring sale set-up, bunching/planting to j		or hab	oitat focus	will remain as	is.			
Site Conc	dition		,								
Proposed	d Start Date:	10/1 /20	21								
	2035019- ıt_habitat	31.3	42220 - Natural Jack Pine	Sawtimber Well	62	51-80	Harvest	Clearcut with Retention	42290 - Natural Mixed Pine	Even-Aged	No
	ion Cut all ja	with high						tand 19 within this p a. Follow Two-Heart			
Next Step Treatmen	<u>o</u> SitePrep		ation; Monitoring, N	Natural Rege	n (Inte	ermediate)	)				
<u>Acceptab</u> Regen:	ole_Jack pine	e, red pin	ne, white pine.								
<u>Other</u> Commen		, ,	uring sale set-up, b arification for mixed			pitat focus	will remain as	is.			
Site Conc	dition										
Proposed	d Start Date:	10/1 /20	21								
	2035031- Monitor	110.2	4130 - Aspen	Sapling Medium	6	Immatu re	Monitoring	Natural Regen (Re-Inventory)	4133 - Aspen, Mixed Pine	Even-Aged	No
<u>Prescripti</u> Specs:	ion Review f	or areas	of inadequate rege	neration that	would	d benefit fr	om trenching a	and/or planting to jac	ck pine.		
<u>Next Step</u> Treatmen		Trenchi	ng; Planting, Initia	ll Plant; Mor	nitorin	ıg, Artificia	l Regen(1yr);	Monitoring, Artificia	l Regen(3yr)		
	ole_ Jack pine	e, aspen,	, white pine, red pin	e							
<u>Acceptab</u> Regen:											
	<u>t:</u>										
Regen: Other	_										

t		Newberry	<sup>v</sup> Mgt. Unit		Repo	rt 3 <sup>-</sup>	<b>Freatments</b>		Compartmer Year of Entr		DNR
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habit Cut
31	42035031- Prep	3.5	4130 - Aspen	Sapling Medium	6	Immatu re	SitePrep	Trenching	4212 - Planted Jack Pine	Even-Aged	No
Preso Spec:		n in prepara	tion for planting to	jack pine.							
<u>Next</u> Treat	<u>Step</u> Monito <u>ments:</u>	oring, Artifici	al Regen(1yr); M	onitoring, A	rtificial	Regen(3y	r); Planting, Ini	tial Plant			
<u>Acce</u> <u>Rege</u>		oine, aspen,	white pine, red pir	ne							
<u>Other</u> Comr		n around are	eas of advanced re	egeneration	if poss	ible. Acrea	age might vary o	lepending on adva	nced regeneratior	۱.	
<u>Site (</u>	Condition										
Propo	osed Start Date	<u>e:</u> 10/1 /202	20								
31 Presc Spec:		24.4 n in prepara	4130 - Aspen tion for planting to	Sapling Medium jack pine.	6	Immatu re	SitePrep	Trenching	4212 - Planted Jack Pine	Even-Aged	N
Next		oring, Artifici	al Regen(3yr); Pl	lanting, Initi	al Plant	; Monito	ring, Artificial Re	egen(1yr)			
		oine aspen	white pine, red pir	he							
Site C	<u>Condition</u>										
	osed Start Date		20 4130 - Aspen	Poletimbe Well	er 61		Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	N
36 Presc	42035036-Cut	26.6		Well		tention in		Clearcut with Retention	413 - Aspen	Even-Aged	N
36 Presc Spec: Next	42035036-Cut ription Clearc	t 26.6 cut leaving s	4130 - Aspen	Well and white p		tention in			413 - Aspen	Even-Aged	N
36 <u>Presc</u> Spec: <u>Next</u> <u>Treat</u> <u>Acce</u>	42035036-Cut ription Clearc s: Step Monito ments: otable Aspen	t 26.6 cut leaving s pring, Natura	4130 - Aspen cattered red pine a	Well and white p ntory)	ine. Rel		patch(es).		413 - Aspen	Even-Aged	N
36 Presc Spec Next Treat Acce Rege Other	42035036-Cut <u>sription</u> Clearc <u>s:</u> <u>Step</u> Monito <u>ments:</u> <u>otable</u> Aspen <u>n:</u>	t 26.6 cut leaving s pring, Natura	4130 - Aspen cattered red pine a al Regen (Re-Inver	Well and white p ntory)	ine. Rel		patch(es).		413 - Aspen	Even-Aged	N
36 Presc Spec: Next Treat Accep Rege Other Comr	42035036-Cut <u>sription</u> Clearc <u>s:</u> <u>Step</u> Monito <u>ments:</u> <u>otable</u> Aspen <u>n:</u>	t 26.6 cut leaving s pring, Natura	4130 - Aspen cattered red pine a al Regen (Re-Inver	Well and white p ntory)	ine. Rel		patch(es).		413 - Aspen	Even-Aged	N
36 <u>Presc</u> <u>Spec</u> <u>Next</u> <u>Treat</u> <u>Accep</u> <u>Rege</u> <u>Other</u> <u>Comr</u> <u>Site C</u>	42035036-Cut ription Clearc Step Monito ments: Aspen n: nent:	t 26.6 out leaving s oring, Natura	4130 - Aspen cattered red pine a al Regen (Re-Inver iated red maple, w	Well and white p ntory)	ine. Rel		patch(es).		413 - Aspen	Even-Aged	N
36 <u>Presc</u> <u>Spec</u> <u>Next</u> <u>Treat</u> <u>Accep</u> <u>Rege</u> <u>Other</u> <u>Comr</u> <u>Site</u> ( <u>Propc</u>	42035036-Cut <u>sription</u> Clearc <u>step</u> Monito <u>ments:</u> <u>otable</u> Aspen <u>n:</u> <u>nent:</u> <u>Condition</u>	t 26.6 out leaving s oring, Natura with associ	4130 - Aspen cattered red pine a al Regen (Re-Inver iated red maple, w	Well and white p ntory)	ine. Ref		patch(es).		413 - Aspen 413 - Aspen	Even-Aged	
36 Pressc Spec: Spec: Next Treat Accee Rege Other Comr Site C Propc 43 Pressc	42035036-Cut ription Clearce Step Monito ments: Aspen n: condition Seed Start Date 42035043-Cut ription Clearce	t 26.6 out leaving s oring, Natura with associ <u>e:</u> 10/1 /202 t 6.9 out with no re	4130 - Aspen cattered red pine a al Regen (Re-Inver iated red maple, w 21 4130 - Aspen	Well and white p ntory) hite pine, ja Sawtimbe Well aall size. Lea	ine. Ref ack pine r 72 ave sca	, red pine	patch(es). , birch. Harvest	Retention	413 - Aspen	Even-Aged	N
36 Presc Spec: Next Treat Accee Rege Other Comr Site C Propc 43 Presc Spec: Next	42035036-Cut ription Clearce Step Monite ments: Aspen n: condition 22005043-Cut 42035043-Cut ription Clearce s: on the	t 26.6 out leaving s oring, Natura with associ <u>e:</u> 10/1 /202 t 6.9 out with no re north and e	4130 - Aspen cattered red pine a al Regen (Re-Inver iated red maple, w 21 4130 - Aspen etention due to sm	Well and white p ntory) thite pine, ja Sawtimbe Well all size. Lea nter food so	ine. Ref ack pine r 72 ave sca	, red pine	patch(es). , birch. Harvest	Clearcut	413 - Aspen	Even-Aged	N
36 Presc Spec: Spec: Treat Acceq Rege Other Comr Site C Propc 43 Presc Spec: Next Treat	42035036-Cut ription Cleard Step Monito Monito Dtable Aspen n: Condition Step Cleard A2035043-Cut ription Cleard Step Monito Monito Monito Monito	t 26.6 out leaving s oring, Natura with associ with associ <u>e:</u> 10/1 /202 t 6.9 out with no re north and e oring, Natura	4130 - Aspen cattered red pine a al Regen (Re-Inver iated red maple, w 21 4130 - Aspen etention due to sm east sides, as a win	Well and white p ntory) hite pine, ja Sawtimbe Well nall size. Leanter food so nter food so	ine. Ref ack pine r 72 ave sca ave sca	e, red pine ttered whi r grouse.	patch(es). , birch. Harvest te pine/red pine	Clearcut	413 - Aspen	Even-Aged	N
36 Presc Spec: Spec: Treat Acceg Comr Site C Propc 43 Presc Spec: Next Treat Acceg	42035036-Cut         signature         cription       Clearch         Step       Monito         ments:       Monito         otable       Aspen         nent:       Aspen         condition       Monito         seed Start Date       Aspen         condition       Clearch         seed Start Date       Aspen         cription       Clearch         signature       On the         Step       Monito         ments:       Monito         signature       Aspen         signature       Aspen         signature       Aspen         signature       Aspen         nic       Step         otable       Aspen         nic       Step	t 26.6 out leaving s oring, Natura with associ with associ <u>e:</u> 10/1 /202 t 6.9 out with no re north and e oring, Natura	4130 - Aspen cattered red pine a al Regen (Re-Inver iated red maple, w 21 4130 - Aspen etention due to sm east sides, as a win al Regen (Re-Inver	Well and white p ntory) hite pine, ja Sawtimbe Well nall size. Leanter food so nter food so	ine. Ref ack pine r 72 ave sca ave sca	e, red pine ttered whi r grouse.	patch(es). , birch. Harvest te pine/red pine	Clearcut	413 - Aspen	Even-Aged	N
36 Presc Spec: Spec: Treat Acce Rege Other Comr Site C Propo 43 Presc Spec: Next Treat Acce Rege Other Comr	42035036-Cut         signature         cription       Clearch         Step       Monito         ments:       Monito         otable       Aspen         nent:       Aspen         condition       Monito         seed Start Date       Aspen         condition       Clearch         seed Start Date       Aspen         cription       Clearch         signature       On the         Step       Monito         ments:       Monito         signature       Aspen         signature       Aspen         signature       Aspen         signature       Aspen         nic       Step         otable       Aspen         nic       Step	t 26.6 out leaving s oring, Natura with associ with associ <u>e:</u> 10/1 /202 t 6.9 out with no re north and e oring, Natura	4130 - Aspen cattered red pine a al Regen (Re-Inver iated red maple, w 21 4130 - Aspen etention due to sm east sides, as a win al Regen (Re-Inver	Well and white p ntory) hite pine, ja Sawtimbe Well nall size. Leanter food so nter food so	ine. Ref ack pine r 72 ave sca ave sca	e, red pine ttered whi r grouse.	patch(es). , birch. Harvest te pine/red pine	Clearcut	413 - Aspen	Even-Aged	N

S t		Newberry	Mgt. Unit		Repo	rt 3 1	<b>Freatments</b>		Compartmen Year of Entry		DNR
a n Tr d	eatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Michigh Habi Cu
48 42	035048-Cut	12.8	4112 - Maple, Beech, Cherry Association	Sawtimbe Well	r 91	111- 140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven- Aged	Ν
Prescrip Specs:								r quality. Leave che er hemlock for bear		e, for soft ma	st
<u>Next Ste</u> <u>Treatme</u>		ring, Natura	l Regen (Re-Inver	ntory)							
<u>Acceptal</u> <u>Regen:</u>	<u>ble</u> Maple,	yellow bircł	h, cherry with asso	ociated hem	lock ar	nd beech.					
<u>Other</u> Commei			od" stand was diff	icult to fully	delinea	ate. Acrea	ge between this	treatment and adj	acent stand may c	liffer dependi	ng on reo
Site Con	dition										
<u>Propose</u>	d Start Date	<u>:</u> 10/1 /202	21								
49 42	035049-Cut	9.6	42120 - Planted Jack Pine	Poletimbe Well	er 53		Harvest	Clearcut	4212 - Planted Jack Pine	Even-Aged	N
Prescrip Specs:		ut with no re rtment for n		e and fores	t health	concerns	; and to re-esta	blish a stand of ma	ture conifer in this	s part of the	
<u>Next Ste</u> Treatme		ep, Trenchir	ng; Planting, Initia	al Plant; M	onitorin	ng, Artificia	l Regen(1yr);	Monitoring, Artificia	al Regen(3yr)		
<u>Acceptal</u> Regen:	<u>ble</u> Jack pi	ne									
<u>Other</u>		up with trer	nch/plant to jack pi	ine.							
<u>Comme</u>											
Site Con	dition										
		1011 1000									
Propose	d Start Date	_									
Propose	d Start Date 2035051- Monitor	: 10/1 /202 287.4	21 4133 - Aspen, Mixed Pine	Sapling Medium	6	Immatu re	Monitoring	Natural Regen (Re-Inventory)	4133 - Aspen, Mixed Pine	Even-Aged	N
Propose 51 4 Prescrip	2035051- Monitor	287.4	4133 - Aspen, Mixed Pine	Medium		re	Ū		Mixed Pine	Even-Aged	I N
Propose 51 4 Prescrip Specs: Next Ste	2035051- Monitor tion Review	287.4 v for areas c	4133 - Aspen, Mixed Pine of inadequate rege	Medium	at would	re d benefit fr	om trenching a	(Re-Inventory)	Mixed Pine ck pine.	Even-Aged	- N
Propose       51     4       Prescrip       Specs:       Next Ste       Treatme       Accepta	2035051- Monitor tion Review p SitePre	287.4 v for areas c	4133 - Aspen, Mixed Pine of inadequate rege	Medium eneration that al Plant; M	at would	re d benefit fr	om trenching a	(Re-Inventory) nd/or planting to ja	Mixed Pine ck pine.	Even-Aged	I N
Propose       51     4       Prescrip     Specs:       Next Ste     Treatme       Acceptal     Regen:       Other	2035051- Monitor tion Review p SitePrents: ble Jack pi	287.4 v for areas c	4133 - Aspen, Mixed Pine of inadequate rege ng; Planting, Initia	Medium eneration that al Plant; M	at would	re d benefit fr	om trenching a	(Re-Inventory) nd/or planting to ja	Mixed Pine ck pine.	Even-Aged	N
Propose       51     4       Prescrip     Specs:       Next Ste     Treatme       Accepta     Regen:       Other     Comment	2035051- Monitor tion Review n <u>ts:</u> SitePre <u>nts:</u> ble Jack pi	287.4 v for areas c	4133 - Aspen, Mixed Pine of inadequate rege ng; Planting, Initia	Medium eneration that al Plant; M	at would	re d benefit fr	om trenching a	(Re-Inventory) nd/or planting to ja	Mixed Pine ck pine.	Even-Aged	I N
Propose       51     4       Prescrip     Specs:       Next Ste     Treatme       Accepta     Regen:       Other     Comment       Site Con     Site Con	2035051- Monitor tion Review n <u>ts:</u> SitePre <u>nts:</u> ble Jack pi	287.4 (for areas c ep, Trenchir ne, aspen, (	4133 - Aspen, Mixed Pine of inadequate rege ng; Planting, Initia white pine, red pir	Medium eneration that al Plant; M	at would	re d benefit fr	om trenching a	(Re-Inventory) nd/or planting to ja	Mixed Pine ck pine.	Even-Aged	N
Propose       51     4       Prescrip     Specs:       Next Stee     Treatment       Acceptal     Regen:       Other     Comment       Site Con     Propose	2035051- Monitor tion Review p SitePrents: ble Jack pint: hdition	287.4 / for areas c ep, Trenchir ne, aspen, <u>:</u> 10/1 /202	4133 - Aspen, Mixed Pine of inadequate rege ng; Planting, Initia white pine, red pir	Medium eneration that al Plant; M	at would onitorin	re d benefit fr	om trenching a	(Re-Inventory) nd/or planting to ja	Mixed Pine ck pine.	Even-Aged	
Propose       51     4       Prescrip     Specs:       Next Ste     Treatme       Accepta     Regen:       Other     Other       Commel     Site Con       Site Con     Fropose       51     4       Prescrip	2035051- Monitor tion Review p SitePrents: ble Jack pint: dition d Start Date 2035051- Prep	287.4 / for areas of p, Trenchir ne, aspen, 7 <u>.</u> 10/1 /202 6.9	4133 - Aspen, Mixed Pine of inadequate rege ng; Planting, Initia white pine, red pir 29 4133 - Aspen,	Medium eneration that al Plant; M ne Sapling Medium	at would onitorin	re d benefit fr ng, Artificia Immatu	om trenching a I Regen(1yr);	(Re-Inventory) Ind/or planting to ja Monitoring, Artificia	Mixed Pine ck pine. al Regen(3yr) 4212 - Planted	J	
Propose         51       4         Prescrip       Specs:         Next Ste       Treatme         Accepta       Regen:         Other       Comment         Site Con       Propose         51       4	2035051- Monitor tion Review p SitePrents: ble Jack pint: didition d Start Date 2035051- Prep tion Trench	287.4 / for areas c ep, Trenchir ne, aspen, <u>: 10/1 /202</u> 6.9 in preparat	4133 - Aspen, Mixed Pine of inadequate rege ng; Planting, Initia white pine, red pir 29 4133 - Aspen, Mixed Pine	Medium eneration that al Plant; M ne Sapling Medium jack pine.	at would onitorin	re d benefit fr ng, Artificia ng, Artificia	om trenching a I Regen(1yr); SitePrep	(Re-Inventory) ind/or planting to ja Monitoring, Artificia	Mixed Pine ck pine. al Regen(3yr) 4212 - Planted	J	
Propose         51       4         Prescrip       Specs:         Next Ste       Treatme         Acceptal       Regen:         Other       Comment         Site Corr       Propose         51       4         Prescrip       Specs:         Next Ste       Treatment         Ste Corr       Propose         51       4         Prescrip       Specs:         Next Ste       Treatment	2035051- Monitor tion Review p SitePrents: ble Jack pint dition d Start Date 2035051- Prep tion Trench p Monito nts:	287.4 for areas c p, Trenchir ne, aspen, <u>10/1 /202</u> 6.9 in preparat ring, Artificia	<ul> <li>4133 - Aspen, Mixed Pine</li> <li>of inadequate regeting; Planting, Initiation</li> <li>white pine, red pire</li> <li>29</li> <li>4133 - Aspen, Mixed Pine</li> <li>tion for planting to</li> </ul>	Medium eneration that al Plant; M ne Sapling Medium jack pine.	at would onitorin	re d benefit fr ng, Artificia ng, Artificia	om trenching a I Regen(1yr); SitePrep	(Re-Inventory) ind/or planting to ja Monitoring, Artificia	Mixed Pine ck pine. al Regen(3yr) 4212 - Planted	J	
Propose         51       4         Prescrip       Specs:         Next Ste       Treatme         Acceptal       Regen:         Other       Commer         Site Con       Propose         51       4         Prescrip       Specs:         Next Ste       Treatme         Acceptal       Acceptal         Site Con       Propose         51       4         Prescrip       Specs:         Next Ste       Treatme         Acceptal       Acceptal	2035051- Monitor tion Review nts: SitePre ble Jack pi nt: dition d Start Date 2035051- Prep tion Trench p Monito nts: Jack pi ble Jack pi	287.4 for areas of p, Trenchir ne, aspen, <u>10/1 /202</u> 6.9 in preparat ring, Artificia ne, aspen,	4133 - Aspen, Mixed Pine of inadequate rege ng; Planting, Initia white pine, red pir 4133 - Aspen, Mixed Pine tion for planting to al Regen(3yr); Pl white pine, red pir	Medium eneration that al Plant; M ne Sapling Medium jack pine. anting, Initia	at would onitorin 6 al Plant	re d benefit fr ng, Artificia Immatu re	om trenching a I Regen(1yr); SitePrep ing, Artificial Re	(Re-Inventory) ind/or planting to ja Monitoring, Artificia	Mixed Pine ck pine. al Regen(3yr) 4212 - Planted Jack Pine	Even-Aged	
Propose         51       4         Prescrip       Specs:         Next Ste       Treatme         Accepta       Regen:         Other       Comment         Site Con       Propose         51       4         Prescrip       Specs:         Next Ste       Treatme         Accepta       Regen:         Next Ste       Treatme         Accepta       Regen:         Other       Other	2035051- Monitor tion Review p SitePrent ble Jack pint dition d Start Date 2035051- Prep tion Trench p Monito ble Jack pint trench	287.4 for areas of p, Trenchir ne, aspen, <u>10/1 /202</u> 6.9 in preparat ring, Artificia ne, aspen,	4133 - Aspen, Mixed Pine of inadequate rege ng; Planting, Initia white pine, red pir 4133 - Aspen, Mixed Pine tion for planting to al Regen(3yr); Pl white pine, red pir	Medium eneration that al Plant; M ne Sapling Medium jack pine. anting, Initia	at would onitorin 6 al Plant	re d benefit fr ng, Artificia Immatu re	om trenching a I Regen(1yr); SitePrep ing, Artificial Re	(Re-Inventory) ind/or planting to ja Monitoring, Artificia Trenching egen(1yr)	Mixed Pine ck pine. al Regen(3yr) 4212 - Planted Jack Pine	Even-Aged	

S t		Newberry	Mgt. Unit		Repo	rt 3 T	reatments		Compartmen Year of Entr	13	DNR
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
51	42035051 Prep2	- 30.3	4133 - Aspen, Mixed Pine	Sapling Medium	6	Immatu re	SitePrep	Trenching	4212 - Planted Jack Pine	Even-Aged	No
Presc Spece		nch in prepara	tion for planting ja	ck pine.							
Next	_	nitoring, Artifici	al Regen(3yr); Pl	anting, Initi	al Plant	; Monitor	ing, Artificial R	egen(1yr)			
<u>Acce</u> Rege		k pine, aspen,	white pine, red pir	ie							
<u>Other</u> Comr	-	nch around are	eas of advanced re	egeneration	if possi	ible. Acrea	ge might vary	depending on advar	nced regeneration	l.	
	Condition	-1 10/1 /00/									
51	42035051	<u>ate:</u> 10/1 /202 - 24.6	4133 - Aspen,	Sapling	6	Immatu	SitePrep	Trenching	4212 - Planted	Even-Aged	No
51	42035031 Prep3	- 24.0	Mixed Pine	Medium		re	Sileriep	Trenching	Jack Pine	Lven-Ageu	NO
Presc Spece		nch in prepara	tion for planting ja	ck pine.							
<u>Next :</u> Treat	<u>Step</u> Mor <u>ments:</u>	nitoring, Artifici	al Regen(3yr); P	anting, Initi	al Plant	; Monitor	ing, Artificial R	egen(1yr)			
<u>Acce</u> j <u>Rege</u>		k pine, aspen,	white pine, red pir	ie							
<u>Other</u> Comr	-	nch around are	eas of advanced re	egeneration	if possi	ible. Acrea	ge might vary	depending on advar	nced regeneration	I.	
	Condition										
Propo	osed Start D	<u>ate:</u> 10/1 /202	20								
53	42035053-C	<b>ut</b> 27.5	42120 - Planted Jack Pine	Poletimbe Well	er 53		Harvest	Clearcut with Retention	4212 - Planted Jack Pine	Even-Aged	No
Presc Spec:								ne due to forest hea ntain structural and			s should
<u>Next :</u> Treat	<u>Step</u> Site <u>ments:</u>	Prep, Trenchir	ng; Planting, Initia	al Plant; M	lonitorin	ia. Artificia	l Regen(1vr) <sup>.</sup>	Mausianium Autificia			
	ntahle laci					<u>,</u>		Monitoring, Artificia	l Regen(3yr)		
<u>Acce</u> p <u>Rege</u>		k pine, with so	me aspen.			5,		Monitoring, Artificia	l Regen(3yr)		
	n: Folle		me aspen. nch and plant to ja	ck pine.		5,		Monitoring, Artificia	l Regen(3yr)		
Rege Other Comr Site C	n: Follo <u>nent:</u>	ow up with tre	nch and plant to ja	ck pine.				Monitoring, Artificia	l Regen(3yr)		
Rege Other Comr Site C Propo	n: Folle <u>nent:</u> Condition psed Start D	ow up with tren ate: 10/1 /202	nch and plant to ja 21								
Rege Other Comr Site C Propo	n: Follo <u>nent:</u>	ow up with tren ate: 10/1 /202	nch and plant to ja	ck pine. Poletimbe Well	er 91	111- 140	Harvest	Shelterwood with Retention	l Regen(3yr) 4319 - Mixed Upland Forest	Two-Aged	No
Rege Other Comr Site C Propo 55 Preso	n: Follo Follo Condition Sosed Start D 42035055-C cription Lea S: BA	ow up with tren ate: 10/1 /202 Cut 146.2 ve tree mark h should target 3	21 4319 - Mixed Upland Forest emlock, spruce ar 30-50. Focus on re	Poletimbe Well nd hardwoo	d specie of hem	111- 140 lock and y	Harvest Ig on taking lar ellow birch who	Shelterwood with	4319 - Mixed Upland Forest . Cut all merchani on pockets shoul	table balsam. F	Residual
Rege Other Comr Site C Propo 55 Preso Spect	n: ment: Condition Desed Start D 42035055-C cription Es: BA s hem	ow up with tree ate: 10/1 /202 Cut 146.2 ve tree mark h should target 3 nlock groves/p	21 4319 - Mixed Upland Forest emlock, spruce ar 30-50. Focus on re	Poletimbe Well nd hardwoo egeneration nefit marter	d specie of hem	111- 140 lock and y	Harvest Ig on taking lar ellow birch who	Shelterwood with Retention rger diameter maple ere feasible. Retenti	4319 - Mixed Upland Forest . Cut all merchani on pockets shoul	table balsam. F	Residual
Rege Other Comr Site C Propc 55 Presc Spec: Next 3 Treat	n: nent: Condition Seed Start D 420350555-C cription Step Step Mor ments: Dtable Map	ow up with tree ate: 10/1 /202 Cut 146.2 ve tree mark h should target 3 llock groves/p hitoring, Natura	21 4319 - Mixed Upland Forest aemlock, spruce ar 30-50. Focus on re ockets intact to be	Poletimbe Well nd hardwoo generation nefit marter ntory)	d specie of hem n dennir	111- 140 es, focusin lock and y ng and cov	Harvest ng on taking lar ellow birch wh ver needs. Try	Shelterwood with Retention rger diameter maple ere feasible. Retenti to leave some healt	4319 - Mixed Upland Forest . Cut all merchani on pockets shoul	table balsam. F	Residual
Rege Other Comr Site C Propc 55 Presc Specs Next 3 Treati	n: ment: Condition Seed Start D 42035055-C ription Step Mor ments: Dtable Map n: Acres	ow up with tree ate: 10/1 /202 cut 146.2 ve tree mark h should target 3 nlock groves/p nitoring, Natura	4319 - Mixed Upland Forest aemlock, spruce ar 30-50. Focus on re ockets intact to be al Regen (Re-Inver	Poletimbe Well nd hardwoo generation nefit marter ntory) birch, cherr	d specie of hem n dennir y, with a	111- 140 es, focusin lock and y ng and cov	Harvest ng on taking lar ellow birch wh ver needs. Try	Shelterwood with Retention rger diameter maple ere feasible. Retenti to leave some healt	4319 - Mixed Upland Forest . Cut all merchani on pockets shoul	table balsam. F	Residual
Rege <u>Other</u> <u>Comr</u> <u>Site C</u> <u>Propc</u> <u>55</u> <u>Presc</u> <u>Spec:</u> <u>Next</u> : <u>Treat</u> <u>Accep</u> <u>Rege</u> <u>Other</u> <u>Comr</u>	n: ment: Condition Seed Start D 42035055-C ription Step Mor ments: Dtable Map n: Acres	ow up with tree ate: 10/1 /202 cut 146.2 ve tree mark h should target 3 nlock groves/p nitoring, Natura	4319 - Mixed Upland Forest aemlock, spruce ar 30-50. Focus on re ockets intact to be al Regen (Re-Inver rellow birch, white	Poletimbe Well nd hardwoo generation nefit marter ntory) birch, cherr	d specie of hem n dennir y, with a	111- 140 es, focusin lock and y ng and cov	Harvest ng on taking lar ellow birch wh ver needs. Try	Shelterwood with Retention rger diameter maple ere feasible. Retenti to leave some healt	4319 - Mixed Upland Forest . Cut all merchani on pockets shoul	table balsam. F	Residual

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t		/ Mgt. Unit		Repo	rt3 1	<b>Freatments</b>		Compartmen Year of Entry		DNR
a n Treatm d Nam		Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habit Cut
69 42035 Mon		4130 - Aspen	Sapling Medium		Immatu re	Monitoring	Natural Regen (Re-Inventory)	4133 - Aspen, Mixed Pine	Even-Aged	N
Prescription Specs:	Review for areas	of inadequate rege	neration th	at would	d benefit fr	om trenching a	nd/or planting to ja	ck pine.		
	SitePrep, Trenchi	ng; Planting, Initia	l Plant; N	Ionitorin	ıg, Artificia	l Regen(1yr);	Monitoring, Artificia	al Regen(3yr)		
Acceptable Regen:	Jack pine, aspen,	white pine, red pin	e							
<u>Other</u> Comment:										
Site Condition	<u>n</u>									
Proposed Sta	art Date: 10/1 /20	29								
71 42035 Pro		330 - Low-Density Trees	Nonstock	ed 0		SitePrep	Trenching	4212 - Planted Jack Pine	Even-Aged	N
<u>Prescription</u> <u>Specs:</u>	Trench in prepara	tion for planting to j	jack pine.							
<u>Next Step</u> Treatments:	Monitoring, Artific	ial Regen(3yr); Pla	anting, Initi	al Plant	; Monitor	ing, Artificial Re	egen(1yr)			
<u>Acceptable</u> Regen:	Jack pine									
	Trench around are	eas of advanced re	generation	if possi	ble. Acrea	ige might vary o	depending on adva	nced regeneration	1.	
Comment:										
Site Condition	-									
Proposed Sta	art Data: 10/1 /20	20								
•	art Date: 10/1 /20		Sanling	6	Immatu	Monitoring	Natural Recen	4133 - Asnen	Even-Aged	N
Proposed Sta 72 42035 Mon	<b>5072-</b> 82.1	20 4133 - Aspen, Mixed Pine	Sapling Medium		Immatu re	Monitoring	Natural Regen (Re-Inventory)	4133 - Aspen, Mixed Pine	Even-Aged	N
72 42035 Mon Prescription	5072- 82.1 itor	4133 - Aspen,	Medium	l	re	Ū	(Re-Inventory)	Mixed Pine	Even-Aged	N
72 42038 Mon Prescription Specs: Next Step	5072- 82.1 itor Review for areas	4133 - Aspen, Mixed Pine	Medium	at would	re d benefit fr	om trenching a	(Re-Inventory) nd/or planting to ja	Mixed Pine ck pine.	Even-Aged	N
72 42035 Mon <u>Prescription</u> <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u>	5072- 82.1 itor Review for areas SitePrep, Trenchi	4133 - Aspen, Mixed Pine of inadequate reger	Medium neration th I Plant; M	at would	re d benefit fr	om trenching a	(Re-Inventory) nd/or planting to ja	Mixed Pine ck pine.	Even-Aged	N
72 42035 Mon <u>Prescription</u> <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u>	5072- 82.1 itor Review for areas SitePrep, Trenchi	4133 - Aspen, Mixed Pine of inadequate reger ng; Planting, Initia	Medium neration th I Plant; M	at would	re d benefit fr	om trenching a	(Re-Inventory) nd/or planting to ja	Mixed Pine ck pine.	Even-Aged	N
72 42038 Mon <u>Prescription</u> <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u>	5072- 82.1 itor Review for areas SitePrep, Trenchi Jack pine, aspen,	4133 - Aspen, Mixed Pine of inadequate reger ng; Planting, Initia	Medium neration th I Plant; M	at would	re d benefit fr	om trenching a	(Re-Inventory) nd/or planting to ja	Mixed Pine ck pine.	Even-Aged	N
72 42038 Mon Specs: Next Step Treatments: Acceptable Regen: Other Comment: Site Condition	5072- 82.1 itor Review for areas SitePrep, Trenchi Jack pine, aspen,	4133 - Aspen, Mixed Pine of inadequate reger ng; Planting, Initia white pine, red pin	Medium neration th I Plant; M	at would	re d benefit fr	om trenching a	(Re-Inventory) nd/or planting to ja	Mixed Pine ck pine.	Even-Aged	N
72 42035 Mon Specs: Next Step Treatments: Acceptable Regen: Other Comment: Site Condition Proposed Sta 72 42035	5072- 82.1 itor Review for areas SitePrep, Trenchi Jack pine, aspen, <u>1</u> art Date: 10/1 /20 5072- 12.6	4133 - Aspen, Mixed Pine of inadequate reger ng; Planting, Initia white pine, red pin 29 4133 - Aspen,	Medium neration th I Plant; M e Sapling	1 at would Ionitorin	re d benefit fr ig, Artificia Immatu	om trenching a	(Re-Inventory) nd/or planting to ja	Mixed Pine ck pine. al Regen(3yr) 4212 - Planted	Even-Aged	
72 42038 Mon Specs: Next Step Treatments: Acceptable Regen: Other Comment: Site Condition Proposed Sta 72 42038 Pro	5072- 82.1 itor Review for areas SitePrep, Trenchi Jack pine, aspen, <u>art Date:</u> 10/1 /20. 5072- 12.6	4133 - Aspen, Mixed Pine of inadequate reger ng; Planting, Initia white pine, red pin	Medium neration th I Plant; M e Sapling Medium	1 at would Ionitorin	re d benefit fr ıg, Artificia	om trenching a I Regen(1yr);	(Re-Inventory) nd/or planting to ja Monitoring, Artificia	Mixed Pine ck pine. al Regen(3yr)		
72 42038 Mon <u>Prescription</u> <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Sta</u> <b>72</b> 42038 Praescription <u>Specs:</u>	5072- 82.1 itor Review for areas SitePrep, Trenchi Jack pine, aspen, <u>1</u> art Date: 10/1 /20 5072- 12.6 ep Trench in prepara	4133 - Aspen, Mixed Pine of inadequate reger ng; Planting, Initia white pine, red pin 29 4133 - Aspen, Mixed Pine	Medium neration th I Plant; M e Sapling Medium jack pine.	at would Ionitorin	re d benefit fr ug, Artificia g, Artificia	om trenching a I Regen(1yr); SitePrep	(Re-Inventory) nd/or planting to ja Monitoring, Artificia	Mixed Pine ck pine. al Regen(3yr) 4212 - Planted		N
72 42038 Mon Specs: Next Step Treatments: Acceptable Regen: Other Comment: Site Condition Proposed Sta Proposed Sta Propos	5072- 82.1 itor Review for areas SitePrep, Trenchi Jack pine, aspen, art Date: 10/1 /20 5072- 12.6 5072- 12.6 5072- 12.6 5072- 12.6 5072- 12.6	4133 - Aspen, Mixed Pine of inadequate reger ng; Planting, Initia white pine, red pin white pine, red pin 29 4133 - Aspen, Mixed Pine tion for planting to j	Medium neration th I Plant; M e Sapling Medium jack pine. anting, Initi	at would Ionitorin	re d benefit fr ug, Artificia g, Artificia	om trenching a I Regen(1yr); SitePrep	(Re-Inventory) nd/or planting to ja Monitoring, Artificia	Mixed Pine ck pine. al Regen(3yr) 4212 - Planted		
72 42038 Mon <u>Prescription</u> <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Sta</u> <u>72 42038</u> <u>Prascription</u> <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u>	5072- 82.1 itor Review for areas SitePrep, Trenchi Jack pine, aspen, 1 2 2 2 3 3 3 3 5 5 5 7 7 2 5 5 7 7 2 5 5 7 7 2 5 7 7 2 5 7 7 2 5 7 7 2 5 7 7 2 5 7 7 2 5 7 7 2 5 7 7 2 5 7 7 7 8 2 5 7 7 8 2 5 7 7 8 2 5 7 8 2 5 7 7 8 2 5 7 8 2 5 7 8 2 5 7 8 2 5 7 8 2 5 7 8 2 5 7 8 2 5 7 8 2 5 7 8 2 5 7 8 2 5 7 8 2 5 7 8 2 5 7 8 2 5 7 8 2 5 7 8 2 5 7 8 2 5 7 8 2 5 7 7 8 2 5 7 8 2 5 7 8 2 5 7 8 2 5 7 7 7 8 2 5 7 7 7 8 2 5 7 7 8 2 5 7 7 8 2 7 7 8 2 5 7 7 8 2 5 7 7 7 7 8 2 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	4133 - Aspen, Mixed Pine of inadequate reger ng; Planting, Initia white pine, red pin 4133 - Aspen, Mixed Pine tion for planting to j ial Regen(3yr); Pla	Medium neration th I Plant; M e Sapling Medium jack pine. anting, Initi	at would Ionitorin	re d benefit fr ig, Artificia Immatu re ; Monitor	om trenching a I Regen(1yr); SitePrep ing, Artificial Re	(Re-Inventory) nd/or planting to ja Monitoring, Artificia Trenching	Mixed Pine ck pine. al Regen(3yr) 4212 - Planted Jack Pine	Even-Aged	
72 42038 Mon Prescription Specs: Next Step Treatments: Acceptable Regen: Other Comment: Site Condition Proposed Sta 72 42038 Pra Prescription Specs: Next Step Treatments: Acceptable Regen: Other	5072- 82.1 itor Review for areas SitePrep, Trenchi Jack pine, aspen, art Date: 10/1 /20 5072- 12.6 5072- 12.6	4133 - Aspen, Mixed Pine of inadequate reger ng; Planting, Initia white pine, red pin 4133 - Aspen, Mixed Pine tion for planting to j ial Regen(3yr); Pla pen, red pine, white	Medium neration th I Plant; M e Sapling Medium jack pine. anting, Initi	at would Ionitorin	re d benefit fr ig, Artificia Immatu re ; Monitor	om trenching a I Regen(1yr); SitePrep ing, Artificial Re	(Re-Inventory) nd/or planting to ja Monitoring, Artificia Trenching	Mixed Pine ck pine. al Regen(3yr) 4212 - Planted Jack Pine	Even-Aged	

s		Newberry	Mgt. Unit		Repor	rt3	Treatments		Compartme Year of Entr		NOF NATURAL PREBOU
t a										y. 2022	A DNR
n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut

Total Treatment Acreage Proposed: 1038.7

Amy Douglass : Examiner

Compartment: 35

Year of Entry: 2022



#### Availability for Management

Total	Acres	Acres Avail	Acres		Domina	nt Site	e Cone	ditions	5	
Acres	Available	With Condition	Not Available		5B	5C	1A	3A	3J	5E
940	913	0	27	Aspen				15		12
15	5	0	10	Bog				9		1
95	3	0	92	Cedar				92		
464	459	0	5	Jack Pine				4		0
67	67	0	0	Low-Density Trees				0		
95	4	0	91	Lowland Conifers			13	58	20	
8	3	0	5	Lowland Shrub			5			
231	1	0	231	Lowland Spruce/Fir				231		
338	197	0	141	Natural Mixed Pines				141		
181	176	0	5	Northern Hardwood			5			
31	6	18	6	Red Pine	8	10		6		
35	5	0	30	Tamarack				30		
14	2	0	12	Treed Bog				12		
88	0	0	88	Upland Conifers				88		
192	192	0	0	Upland Mixed Forest				0		
3	3	0	0	Urban				0		
4	0	0	4	Water				4		
147	147	0	0	White Pine			0			
2,948	2,182	18	748	Total Forested Acres	8	10	23	692	20	13
	74%	1%	25%	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 Dominant Site No. Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1 Unavailable	3A: Conservation Values incompatible with harvest at this time	95	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> ERA and core interio	or habitat HCVA					

		vberry Mgt. Unit ıglass : Examiner		Report 4 – Site Con	ditions	Compartment: 35 Year of Entry: 2022	DUR WATER C
2	Unavailable	3A: Conservation Values incompatible with harvest at this time	530	Unspecified	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> core interior habita	t HCVA					
3	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	20	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
4	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	Unavailable	1A: Federal/State/Local Law	6	Unspecified	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> Natural River mana	agement zone					
6	Unavailable	5E: Long-Term Retention	6	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified
	Comments: Evaluated for SBW						
7	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

		vberry Mgt. Unit uglass : Examiner		Report 4 – Site Con	ditions	Compartment: 35 Year of Entry: 2022	DIRATURE DIRACING
8	Unavailable	1A: Federal/State/Local Law	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Natural River mana	agement zone					
9	Unavailable	3A: Conservation Values incompatible with harvest at this time	7	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Bog ERA and core	interior habitat DHA/HCVA					
10	Unavailable	1A: Federal/State/Local Law	13	Unspecified	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> Natural River mana	agement zone					
11	Unavailable	5E: Long-Term Retention	6	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
12	Unavailable	5E: Long-Term Retention	2	2F: Too steep	Unspecified	Unspecified	Unspecified
	Comments:						
13	Available	5B: Maintain for regeneration purposes	8	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

OF NATURAL

		vberry Mgt. Unit uglass : Examiner		Report 4 – Site Cor	nditions	Compartment: 35 Year of Entry: 2022	AT CHARTER CHARTER
15	Unavailable	3A: Conservation Values incompatible with harvest at this time	60	Unspecified	Unspecified	Unspecified	Unspecified
	<b>comments:</b> ore interior habita	t HCVA					



#### 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

Compartment: 35 Year of Entry 2022



# 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 condition stocked trout populations and those of other coldwater fish species conditions for coldwater fishes may occur in Michigan lakes if the groundwater inflows, or are located in colder (northern) areas of the Director's action and designated as trout resources by Fisheries	es to persist from year to year. Suitable y are relatively deep, have substantial the state. Such lakes are established by
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen condi stocked trout populations and those of other coldwater fish specie 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.	es (e.g., slimy sculpin) to persist from se conditions due to substantial
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in influences the aquatic ecosystem and vice-versa. Because of the streams and open water wetlands, riparian areas harbor a high d communities are ecologically and socially significant in their effec as aesthetics, habitat, bank stability, timber production, and their	e unique conditions adjacent to lakes, iversity of plants and wildlife. Riparian cts on water quality and quantity, as well
HCVA	Natural Rivers	There are two Natural Rivers datasets which are derived from spa approved distance from the river centerlines. The Natural Rivers most Natural Rivers. The Vegetative Buffer ranges from 25 to 10 and Vegetative Buffers for each Natural River see the table locate folder.	Zoning District is a 400 foot buffer for 00 feet. To view specific Zoning Districts
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of identified as Element Occurrences (EOs) by the Michigan Natura context of their natural community classification system. Element (Excellent) or B (Good) and a Global (G) or State (S) element (ra threatened (2), or rare (3) serve as an initial base of ERAs. They the State. The system is comprised of individual or associations of managed for restoration and maintenance of natural ecological p submit recommendations for lands as ERAs using the DNR Cons	Il Features Inventory (MNFI) within the Coccurrences with viability ranks of A rity) ranking of endangered (1), may be located upon any ownership in of natural community types that are rocesses and values. The public may

# Report 7 – Stands

Compartment: 35 Year of Entry: 2022

OF NATURAL PHENOURCE
MICHIGAN

Stan	d Level 4 C	over Type		Size D	ensity	Acres	Stand Age	BA Range	Managed S	ite	General Comments
1	42220 - Nat	ural Jack F	Pine	Saplin	g Well	59.4	27	Immature	N/A		Cut in 1994 by Rick Russell FP, in the Corner Jack Pine Sale. Scarified under FTP C-42-328. Natural Regeneration. It has scattered overstory
	<b>Canopy Species</b>	% Cover	Size Class	DBł	I Age						of Red Pine, especially on the east side, where the topography is steep
	Red Pine	5	Log	10							and falls off into the bog complex.
	Jack Pine	95	Sapling	3	27						
2	42220 - Nat	ural Jack F	Pine	Saplin	g Poor	71.4	6	Immature	N/A		Cut in 2014 - Merlin's Jack Pine 420211201. TCR 12/4/14 Scarified in 2015. 10/25/18 - 3 yr check - fully stocked.
	Canopy Species		Size Class	DBI	l Age						2015. 10/25/16 - 5 yi check - fully stocked.
	Jack Pine	66	Sapling	1	6						
	Red Pine	15	Log	14							
	Bigtooth Aspen	5	Sapling	1							
	Red Oak	2	Log/Pole	12							
	Paper Birch	2	Pole	6							
	White Pine	10	Pole/Sapling	5							
3	42210 - Nat	tural Red P	'ine Sa	wtimbe	r Mediun	n 10.6	96	81-110	N/A		Aspen and spruce removed in East Branch Sale completed in 2003.
	Canopy Species	% Cover	Size Class	DB	I Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	
	White Pine	20	Log/Pole/XLo	g 12	96	Blac	ck Spruce	Low	Variable	Sapling	
	Red Pine	80	Log/Pole	12	96	W	hite Pine	Low	Variable	Sapling	
4	6121 - 1	Tamarack		Saplin	g Well	1.7	18	Immature	N/A		Nice tamarack regen. Clearcut in 2003 as part of East Branch Sale (#14-02).
	Canopy Species	% Cover	Size Class		I Age						02).
	Tamarack	70	Sapling	2	18						
	Black Spruce	10	Sapling	2							
	White Pine	3	Sapling	2							
	Jack Pine	0	o								
		2	Sapling	2							
	Red Maple	15	Sapling Sapling	2							
5					ocked	8.0			612 - Lowland C Forest		
5		15		2	ocked		nopy Specie	s Density			
5		15		2	ocked	Sub-Ca	i <b>nopy Specie</b> nigan Holly	s Density Trace	Forest		
5		15		2	ocked	Sub-Ca Mich			Forest	Size	
5		15		2	ocked	Sub-Ca Mich Na	nigan Holly	Trace	Forest	<b>Size</b> Tall Shrub	
5		15		2	ocked	Sub-Ca Mich Na Ta	nigan Holly nnyberry	Trace Trace	Forest	<b>Size</b> Tall Shrub Tall Shrub	
5	6224 - 7	15		2		Sub-Ca Mich Na Ta	nigan Holly nnyberry ag Alder	Trace Trace Trace	Forest	Size Tall Shrub Tall Shrub Tall Shrub	
	6224 - 7	15 Treed Bog		2 Nonst		Sub-Ca Mich Na Ta Blac	nigan Holly nnyberry ag Alder	Trace Trace Trace Low	Forest Avg. Height	Size Tall Shrub Tall Shrub Tall Shrub	

# Report 7 – Stands



											Year of Entry: 2022
Stand	d Level 4 C	over Type	5	Size De	ensity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
7	6224 -	Treed Bog		Nonsto	ocked	2.7			No		
						Sub-Car	nopy Species	Density	Avg. Height	Size	
						Blac	k Spruce	Low		Sapling	
8	6121 -	Tamarack	S		Medium	21.8	46		N/A		This stand is Tamarack and Black Spruce in the low areas with tag ald in wet areas and it has red pine poles on low sand ridges (1-3 ft above
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	water table)
	Tamarack	75	Sapling/Pole	4	46	Blac	k Spruce	Medium	< 5 feet	Sapling	
	Red Pine	5	Pole	6	56						
	White Pine	10	Log/Pole	12							
	Black Spruce	10	Sapling/Pole	4							
9	42210 - Na	tural Red Pi	ine Sav	vtimbe	r Mediur	n 8.9	102	81-110	N/A		Red Pine White Pine mix along Co rd 414. This stand was species thinned for spruce and aspen in 2003.
	<b>Canopy Species</b>	% Cover	Size Class		I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	6/2020: areas thick to aspen greater than 20' tall. Drainages running
	White Pine	30	Log/Pole	12	79	Re	d Maple	Medium	>20 feet	Sapling	throughout.
	Red Pine	70	Log	14	102	Quak	ing Aspen	High	>20 feet	Sapling	
						Blac	k Spruce	Low	Variable	Sapling	
						Wh	nite Pine	Low	Variable	Sapling	
						Re	ed Pine	Low	< 5 feet	Sapling	
						Servicebe	rry (Juneberry)	Low	5 - 10 feet	Tall Shrub	
10	6224 -	Treed Bog		Nonsto	ocked	1.1			No		
						Sub-Car	nopy Species	Density	Avg. Height	Size	
						Blac	k Spruce	Low		Sapling	
11	6121 -	Tamarack		Sapling	g Poor	11.9	46		N/A		This stand is Tamarack and Black Spruce in the low areas with tag ald
	<b>Canopy Species</b>	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	in wet areas and it has red pine poles on low sand ridges (1-3 ft above water table)
	Tamarack	75	Sapling/Pole	4	46	Blac	k Spruce	Medium	< 5 feet	Sapling	
	White Pine	15	Pole	8	56						
	Black Spruce	10	Sapling/Pole	3							
12	6120 - Lo	wland Ceda	ar P	oletimb	er Well	2.9	76	81-110	N/A		Water feature in an upland setting. It has pine edges grading quickly
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	northern white cedar.
	Red Maple	5	Sapling/Pole	4	41	Nar	nnyberry	Low	< 5 feet	Tall Shrub	
	Black Spruce	5	Sapling	3	51		Alder	Low	5 - 10 feet	Tall Shrub	
No	orthern White Cedar	50	Pole/Sap/Log	8	76						
	Red Pine	25	Log/Pole	12	76						
	Jack Pine	10	Pole	8	76						

# Report 7 – Stands

Compartment: 35

DNE

Year of Entry: 2022

Stand	Level 4 C	over Type		Size Der	nsity	Acres	Stand Age	e BA Range	Managed S	ite	General Comments
13	42120 - Plar	nted Jack P	ine S	Sapling M	edium	30.1	9	Immature	N/A		2010: This stand was harvested in 2003, leaving red and white pine
	Canopy Species	% Cover	Size Class	DBH	Age						retention. Scarified in 2004. Planted 5/2012. 6/2020: planted JP ~5-10' tall.
	White Pine	20	Log/Pole	12	78						
	Red Pine	10	Log/Pole	12							
	Jack Pine	70	Sapling	1	9						
14	42210 - Nat	ural Red Pi	ine S	Sawtimbe	r Poor	11.1	77	51-80	N/A		This was harvested with pine residual reserved in 2003.
	<b>Canopy Species</b>	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Spec	ies Density	Avg. Height	Size	
	White Pine	20	Log	12	77	Re	d Maple	Medium	>20 feet	Sapling	
	Red Pine	80	Log	12	77	Blac	k Spruce	Low	Variable	Sapling	
						Ja	ck Pine	Low	10 - 20 feet	Sapling	
						Wh	nite Pine	Medium	Variable	Sapling	
15	42120 - Plar	nted Jack P	ine	Sapling	Poor	1.8	9	Immature	N/A		This was harvested in the East Branch Sale; completed in 2003. It has mostly red maple regen, with a little jack pine and spruce showing above
	Canopy Species	% Cover	Size Class	DBH	Age						the snow. There is a small bog at the southern end, which tends to
	Red Pine	5	Pole/Log	9							extend to the southeast. There is no outlet drainage to the river, so any
	Black Spruce	5	Sapling/Pole	4							flow must be sub-surface. 6/2020: planted at the same time as std 13. Not the best survival. ~5-10'
	Jack Pine	89	Sapling	1	9						tall JP
	Red Maple	1	Sapling	2							
16	6225	5 - Bog		Nonsto	ked	2.9			No		
17	4130	- Aspen	F	Poletimbe	er Well	12.7	37		N/A		Harvested in sale 10-84-1 with some white pine residual remaining. Trail
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Spec	ies Density	Avg. Height	Size	to Cris Brown Lake runs past this stand. 6/2020: just coming into pole size. Thick stand.
	Paper Birch	5	Pole/Sapling	5	37	Wh	nite Pine	Medium	Variable	Sapling	
	Quaking Aspen	80	Pole/Sapling	5	37	Servicebe	rry (Junebe	erry) Low	10 - 20 feet	Tall Shrub	
	White Spruce	5	Pole	6	41	Blac	k Cherry	Low	>20 feet	Sapling	
	White Pine	10	Log	14	83	Re	d Maple	Medium	>20 feet	Sapling	
18	6225	5 - Bog		Nonstoo	ked	2.2	0		No		
19	42220 - Nat	ural Jack P	ine S	Sawtimbe	r Well	121.5	62	51-80	N/A		Part of this may have been planted in 1973, but it was interplant with
	<b>Canopy Species</b>	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Spec	ies Density	Avg. Height	Size	existing natural regen, so it is hard to determine. There is more spruce t the northeast and more jack pine to the middle. In the south, spruce
	Paper Birch	2	Pole/Sapling	5		Ba	lsam Fir	Low	Variable	Sapling	once again shows up. Basal area is variable.
	White Spruce	18	Pole	6	62	Whit	te Spruce	Low	Variable	Sapling	Records say part of this is planted in 1973, and part was older from a cu
	White Pine	10	Log/Pole	10	66						<sup>1</sup> and scarification, the density is not high, and there is little mortality. It has an open understory.
	Jack Pine	60	Log/Pole	10	62						nao an opon undorotory.

# Report 7 – Stands

Compartment: 35 Year of Entry: 2022

AND NO

Stand	Level 4 Co	over Type	s	ize De	nsity	Acres Stand Age	BA Range	Managed	Site	General Comments
20	6122 - Bla	ack Spruce	Po	oletimb	er Well	126.9 65		N/A		2010: This was called a poor swamp with a no cut call last time. It was
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Specie	s Density	Avg. Height	Size	also called variable from low-stocked treed bog to spruce-cedar-fir. I concur. Has a great deal of complexity and structure.
	Balsam Fir	5	Pole/Sapling	5	65	Alder	Medium	5 - 10 feet	Tall Shrub	
	Black Spruce	80	Pole/Sapling	7	65					
Nor	rthern White Cedar	10	Pole/Sapling	6	66					
	White Pine	5	XLog/Log	18	111					
21	6122 - Bla	ack Spruce	Sa	apling N	ledium	10.2 45		N/A		Low area that seems to have subterranean drainage to Cris Brown Lake.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Specie	s Density	Avg. Height	Size	Quit a lot of alder and small diameter spruce and fir on hummocks. 6/2020: data rolled over from last YOE.
	Balsam Fir	20	Sapling/Pole	4		Michigan Holly	Low	5 - 10 feet	Tall Shrub	
	Black Spruce	70	Sapling/Pole	4	45	Alder	Medium	10 - 20 feet	Tall Shrub	
	Tamarack	10	Sapling/Pole	4						1
22	6128 - Lowland ( Deci	Coniferous, duous	Mixed Sa	awtimbe	er Well	62.4 111		N/A		2010: This stand is complex. It has large White pine, hemlock, spruce coniferous-both upland and lowland. It also has lowland hardwood/tag
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Specie	es Density	Avg. Height	Size	alder areas. It also has various levels of canopy, more so than is usual in this area. This is part of the buffer of the East Branch of the Two-
	Red Maple	10	Pole	9	71	Red Maple	Medium	5 - 10 feet	Sapling	Hearted-a designated Natural River.
	Paper Birch	10	Pole	8	71	Balsam Fir	Medium	10 - 20 feet	Sapling	2020: Did not visit. Data taken in 2010.
	Balsam Fir	15	Pole	6	51	White Spruce	Medium	5 - 10 feet	Sapling	
	White Spruce	25	Pole/Log	10	51	White Pine	Medium	5 - 10 feet	Sapling	
23	6122 - Bla	ack Spruce	Pole	etimber	Mediur	n 94.2 81		N/A		Variable swamp conifer stand. Just above water table. Density varies.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Specie	s Density	Avg. Height	Size	
	Black Spruce	60	Pole/Sapling	6	81	Balsam Fir	Low	< 5 feet	Sapling	
Nor	thern White Cedar	25	Pole/Sapling	6	81	Alder	Medium	5 - 10 feet	Tall Shrub	
	White Pine	15	Log/Pole	10	81				1	
24	4139 - Aspen, I	Mixed Deci	duous Po	oletimb	er Well	19.7 36		N/A		2010: It may be a good stand to check for woodcock use. There is a two
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Specie	es Density	Avg. Height	Size	track that goes to it, but it is brushed in when you get to this stand. There is some coyote and hare use.
	Bigtooth Aspen	10	Pole/Sapling	6		White Pine	Low		Sapling	6/2020: cut in 1985
	Quaking Aspen	40	Pole/Sapling	5	36	Red Maple	Low		Sapling	
	Paper Birch	15	Pole/Sapling	5		Tag Alder	High		Tall Shrub	
	Balsam Fir	13	Pole/Sapling	5		White Spruce	Low		Sapling	
	Red Maple	15	Pole/Sapling	5		Nannyberry	Low		Tall Shrub	
	Hemlock	2	Pole/Log	8		Hemlock	Low		Sapling	
	Black Cherry	5	Sapling/Pole	4		Paper Birch	Low		Sapling	

# Report 7 – Stands



DNR

Stan	d Level 4 Co	over type	• S				-				
25	4133 - Aspe	en, Mixed F	Pine	Sapling	Well	12.5	17	Immature	N/A		Stand cut in Cris Brown Aspen sale 2004; Mostly aspen regen with some
	Canopy Species	% Cove	r Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	conifer.
	Quaking Aspen	75	Sapling	3	17	Bal	sam Fir	Low	Variable	Sapling	
	White Pine	20	Sapling	3	21	Wh	ite Pine	Low	Variable	Sapling	
	Red Maple	5	Sapling	3					1		_
26	42290 - Natu	ural Mixed	Pine Sa	awtimbe	er Well	139.1	91	111-140	N/A		2010: White pine scattered over a wide range of species from hardwood
	Canopy Species	% Cove	r Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	to cedar. Complex stand. Good wildlife use.
	Paper Birch	10	Pole	8		Bal	sam Fir	High	Variable	Sapling	
	Quaking Aspen	5	Pole	8		White	e Spruce	Medium	10 - 20 feet	Sapling	
	White Spruce	10	Pole/Sapling	6		Wh	ite Pine	Medium	5 - 10 feet	Sapling	
	White Pine	40	Log/XLog	16	91	Red	d Maple	Medium	>20 feet	Sapling	
	Red Pine	20	Log/Pole	12							-
	Jack Pine	10	Pole	8							
	Red Maple	5	Pole	6							
No	Canopy Species Black Spruce orthern White Cedar	% Cover	r Size Class Pole/Sapling	<b>DBH</b> 8	91	91.8	111	111-140	N/A		2020: Did not visit. Data taken in 2010.
	Black Spruce	25 65 10	r Size Class Pole/Sapling Pole/Log/Sap Log	DBH	<b>Age</b> 91 111 91	91.8	91	111-140	N/A N/A		2020: Did not visit. Data taken in 2010. 2010: Stand is recovering from loss of beech trees from Beech Bark
	Black Spruce orthern White Cedar White Pine 4319 - Mixed	25 65 10	r Size Class Pole/Sapling Pole/Log/Sap Log orest Sa	DBH 8 9 14	<b>Age</b> 91 111 91 er Well	17.5	91	111-140	N/A	Size	2010: Stand is recovering from loss of beech trees from Beech Bark Disease. Looks like good regeneration is occurring. Most of aspen will
	Black Spruce orthern White Cedar White Pine	25 65 10	r Size Class Pole/Sapling Pole/Log/Sap Log	<b>DBH</b> 8 9 14	<b>Age</b> 91 111 91 er Well	17.5 Sub-Car		111-140		<b>Size</b> Sapling	2010: Stand is recovering from loss of beech trees from Beech Bark Disease. Looks like good regeneration is occurring. Most of aspen will be in broken out into stand to the west, next to jack pine. Birch is past
	Black Spruce orthern White Cedar White Pine 4319 - Mixed Canopy Species	25 65 10 Upland F % Cove	r Size Class Pole/Sapling Pole/Log/Sap Log orest Sa r Size Class	DBH 8 9 14 awtimbe DBH	Age         91         111         91         er Well         Age	17.5 Sub-Car Rec	91 10py Species	111-140 Density	N/A Avg. Height		2010: Stand is recovering from loss of beech trees from Beech Bark Disease. Looks like good regeneration is occurring. Most of aspen will be in broken out into stand to the west, next to jack pine. Birch is past prime and falling over. 6/2020: lots of large hemlock pockets (greater than 140 BA in those
	Black Spruce orthern White Cedar White Pine 4319 - Mixed Canopy Species Red Maple	25 65 10 Upland F % Cover 25	r Size Class Pole/Sapling Pole/Log/Sap Log orest Sa r Size Class Log/Pole	DBH           8           9           14           awtimbe           DBH           10	Age         91         111         91         er Well         Age         71	17.5 Sub-Car Rec Bal	91 nopy Species d Maple	111-140 Density Medium	N/A <b>Avg. Height</b> 10 - 20 feet	Sapling	2010: Stand is recovering from loss of beech trees from Beech Bark Disease. Looks like good regeneration is occurring. Most of aspen will be in broken out into stand to the west, next to jack pine. Birch is past prime and falling over. 6/2020: lots of large hemlock pockets (greater than 140 BA in those pockets); areas with more maple could be thinned but are relatively small
	Black Spruce orthern White Cedar White Pine 4319 - Mixed Canopy Species Red Maple Yellow Birch	25 65 10 Upland F % Cover 25 15	r Size Class Pole/Sapling Pole/Log/Sap Corest Sa r Size Class Log/Pole Pole	DBH           8           9           14           awtimbe           DBH           10           8	Age           91           111           91           er Well           Age           71           61	17.5 <b>Sub-Car</b> Rec Bal Wh	91 <b>hopy Species</b> d Maple sam Fir	111-140 Density Medium Low	N/A <b>Avg. Height</b> 10 - 20 feet < 5 feet	Sapling Sapling	2010: Stand is recovering from loss of beech trees from Beech Bark Disease. Looks like good regeneration is occurring. Most of aspen will be in broken out into stand to the west, next to jack pine. Birch is past prime and falling over. 6/2020: lots of large hemlock pockets (greater than 140 BA in those
	Black Spruce orthern White Cedar White Pine 4319 - Mixed Canopy Species Red Maple Yellow Birch Paper Birch	25 65 10 Upland F % Cover 25 15 5	r Size Class Pole/Sapling Pole/Log/Sap corest Sa r Size Class Log/Pole Pole Log/Pole Log/Pole	DBH           8           9           14           awtimbe           DBH           10           8           10	Age           91           111           91           er Well           Age           71           61           71	17.5 Sub-Car Rec Bal Wh	91 hopy Species d Maple sam Fir ite Pine	111-140 Density Medium Low Low	N/A <b>Avg. Height</b> 10 - 20 feet < 5 feet < 5 feet	Sapling Sapling Sapling	2010: Stand is recovering from loss of beech trees from Beech Bark Disease. Looks like good regeneration is occurring. Most of aspen will be in broken out into stand to the west, next to jack pine. Birch is past prime and falling over. 6/2020: lots of large hemlock pockets (greater than 140 BA in those pockets); areas with more maple could be thinned but are relatively sma in acreage and much lower BA (~80-100) and lots of balsam poles.
	Black Spruce orthern White Cedar White Pine 4319 - Mixed Canopy Species Red Maple Yellow Birch Paper Birch Balsam Fir	25 65 10 Upland F % Cover 25 15 5 5	r Size Class Pole/Sapling Pole/Log/Sap Log orest Sa r Size Class Log/Pole Pole Log/Pole	DBH 8 9 14 awtimbo DBH 10 8 10 8	Age           91           111           91           er Well           Age           71           61           71           51	17.5 Sub-Car Rec Bal Wh	91 hopy Species d Maple sam Fir ite Pine Beech	111-140 Density Medium Low Low	N/A Avg. Height 10 - 20 feet < 5 feet < 5 feet 10 - 20 feet	Sapling Sapling Sapling Sapling	2010: Stand is recovering from loss of beech trees from Beech Bark Disease. Looks like good regeneration is occurring. Most of aspen will be in broken out into stand to the west, next to jack pine. Birch is past prime and falling over. 6/2020: lots of large hemlock pockets (greater than 140 BA in those pockets); areas with more maple could be thinned but are relatively sma in acreage and much lower BA (~80-100) and lots of balsam poles.
	Black Spruce orthern White Cedar White Pine 4319 - Mixed Canopy Species Red Maple Yellow Birch Paper Birch Balsam Fir White Pine	25 65 10 Upland F 25 25 15 5 5 15	r Size Class Pole/Sapling Pole/Log/Sap Log orest Sa r Size Class Log/Pole Pole Log/Pole Pole XLog/Log	DBH 8 9 14 awtimber DBH 10 8 10 8 10 8 11 10	Age         91           91         91           91         91           er Well         Age           71         61           71         51           71         71	17.5 Sub-Car Rec Bal Wh	91 hopy Species d Maple sam Fir ite Pine Beech	111-140 Density Medium Low Low	N/A Avg. Height 10 - 20 feet < 5 feet < 5 feet 10 - 20 feet	Sapling Sapling Sapling Sapling	2010: Stand is recovering from loss of beech trees from Beech Bark Disease. Looks like good regeneration is occurring. Most of aspen will be in broken out into stand to the west, next to jack pine. Birch is past prime and falling over. 6/2020: lots of large hemlock pockets (greater than 140 BA in those pockets); areas with more maple could be thinned but are relatively sm in acreage and much lower BA (~80-100) and lots of balsam poles.
28	Black Spruce orthern White Cedar White Pine 4319 - Mixed Canopy Species Red Maple Yellow Birch Paper Birch Balsam Fir White Pine Red Pine Hemlock	25 65 10 UDland F 25 25 15 5 5 15 5 5 5 5 5 5 5 5 5 5 5 5	r Size Class Pole/Sapling Pole/Log/Sap Log orest Sa r Size Class Log/Pole Pole Log/Pole Pole XLog/Log Log Log	DBH 8 9 14 awtimber DBH 10 8 10 8 10 8 11 10	Age         91           91         111           91         91           er Well         Age           71         61           71         51           71         91           91         91	17.5 Sub-Car Rec Bal Wh	91 Dopy Species d Maple sam Fir ite Pine Beech emlock	111-140 Density Medium Low Low	N/A Avg. Height 10 - 20 feet < 5 feet < 5 feet 10 - 20 feet	Sapling Sapling Sapling Sapling	2010: Stand is recovering from loss of beech trees from Beech Bark Disease. Looks like good regeneration is occurring. Most of aspen will be in broken out into stand to the west, next to jack pine. Birch is past prime and falling over. 6/2020: lots of large hemlock pockets (greater than 140 BA in those pockets); areas with more maple could be thinned but are relatively sma in acreage and much lower BA (~80-100) and lots of balsam poles. Cut in 2014 - Swainson's Jack Pine 420221201. TCR 12/4/14
28	Black Spruce orthern White Cedar White Pine 4319 - Mixed Canopy Species Red Maple Yellow Birch Paper Birch Balsam Fir White Pine Red Pine Hemlock	25 65 10 UDIand F 25 25 5 5 5 15 5 5 30 30 - Aspen	r Size Class Pole/Sapling Pole/Log/Sap Log orest Sa r Size Class Log/Pole Pole Log/Pole Pole XLog/Log Log Log	DBH 8 9 14 awtimber DBH 10 8 10 8 10 8 14 14 14 14	Age         91           91         91           91         91           er Well         Age           71         61           71         1           51         1           71         91           91         91	17.5 Sub-Car Rec Bal Wh B He	91 Dopy Species d Maple sam Fir ite Pine Beech emlock	111-140 Density Medium Low Low Low	N/A Avg. Height 10 - 20 feet < 5 feet 10 - 20 feet >20 feet	Sapling Sapling Sapling Sapling	2010: Stand is recovering from loss of beech trees from Beech Bark Disease. Looks like good regeneration is occurring. Most of aspen will be in broken out into stand to the west, next to jack pine. Birch is past prime and falling over. 6/2020: lots of large hemlock pockets (greater than 140 BA in those pockets); areas with more maple could be thinned but are relatively sma in acreage and much lower BA (~80-100) and lots of balsam poles.
28	Black Spruce orthern White Cedar White Pine 4319 - Mixed Canopy Species Red Maple Yellow Birch Paper Birch Balsam Fir White Pine Red Pine Hemlock 4130	25 65 10 UDIand F 25 25 5 5 5 15 5 5 30 30 - Aspen	r Size Class Pole/Sapling Pole/Log/Sap Log orest Sa r Size Class Log/Pole Pole Log/Pole XLog/Log Log/Pole/XLog	DBH 8 9 14 awtimbo DBH 10 8 10 8 10 8 10 10 8 10 10 8 10 10 8 10 10 8 10 10 8 10 10 8 10 10 8 10 10 8 10 10 8 10 10 8 10 10 10 8 10 10 8 10 10 8 10 10 8 10 10 8 10 10 8 10 10 8 10 10 8 10 10 8 10 10 8 10 10 8 10 10 8 10 10 8 10 10 8 10 10 10 10 10 10 10 10 10 10	Age         91           91         91           91         91           er Well         Age           71         61           71         1           51         1           71         91           91         91	17.5 Sub-Car Rec Bal Wh B He	91 Dopy Species d Maple sam Fir ite Pine Beech emlock	111-140 Density Medium Low Low Low	N/A Avg. Height 10 - 20 feet < 5 feet 10 - 20 feet >20 feet	Sapling Sapling Sapling Sapling	2010: Stand is recovering from loss of beech trees from Beech Bark Disease. Looks like good regeneration is occurring. Most of aspen will be in broken out into stand to the west, next to jack pine. Birch is past prime and falling over. 6/2020: lots of large hemlock pockets (greater than 140 BA in those pockets); areas with more maple could be thinned but are relatively smi in acreage and much lower BA (~80-100) and lots of balsam poles. Cut in 2014 - Swainson's Jack Pine 420221201. TCR 12/4/14
28	Black Spruce orthern White Cedar White Pine 4319 - Mixed Canopy Species Red Maple Yellow Birch Paper Birch Balsam Fir White Pine Red Pine Hemlock 4130 Canopy Species	25 65 10 UDIand F × Cover 25 15 5 5 15 5 15 30 - Aspen × Cover	r Size Class Pole/Sapling Pole/Log/Sap Corest Sa r Size Class Log/Pole Log/Pole Log/Pole XLog/Log Log/Pole/XLog	DBH 8 9 14 awtimber DBH 10 8 10 8 10 8 10 10 10 8 10 10 10 10 10 10 8 10 10 10 10 10 10 10 10 10 10	Age         91           91         91           91         91           er Well         Age           71         61           71         1           51         1           71         91           91         91	17.5 Sub-Car Rec Bal Wh B He	91 Dopy Species d Maple sam Fir ite Pine Beech emlock	111-140 Density Medium Low Low Low	N/A Avg. Height 10 - 20 feet < 5 feet 10 - 20 feet >20 feet	Sapling Sapling Sapling Sapling	2010: Stand is recovering from loss of beech trees from Beech Bark Disease. Looks like good regeneration is occurring. Most of aspen will be in broken out into stand to the west, next to jack pine. Birch is past prime and falling over. 6/2020: lots of large hemlock pockets (greater than 140 BA in those pockets); areas with more maple could be thinned but are relatively sm in acreage and much lower BA (~80-100) and lots of balsam poles. Cut in 2014 - Swainson's Jack Pine 420221201. TCR 12/4/14
28	Black Spruce orthern White Cedar White Pine 4319 - Mixed Canopy Species Red Maple Yellow Birch Paper Birch Balsam Fir White Pine Red Pine Hemlock 4130 Canopy Species Red Maple	25 65 10 UDIand F 25 25 5 5 5 5 15 5 30 - Aspen <b>% Cove</b> l 15	r Size Class Pole/Sapling Pole/Log/Sap Log orest Sa r Size Class Log/Pole Pole Log/Pole XLog/Log Log/Pole/XLog Cog Pole XLog/Log	DBH         8         9         14         awtimbe         DBH         10         8         10         8         14         14         Sapling         DBH         1	Age         91           91         91           91         91           er Well         Age           71         61           71         1           51         1           71         91           91         91	17.5 Sub-Car Rec Bal Wh B He	91 Dopy Species d Maple sam Fir ite Pine Beech emlock	111-140 Density Medium Low Low Low	N/A Avg. Height 10 - 20 feet < 5 feet 10 - 20 feet >20 feet	Sapling Sapling Sapling Sapling	2010: Stand is recovering from loss of beech trees from Beech Bark Disease. Looks like good regeneration is occurring. Most of aspen will be in broken out into stand to the west, next to jack pine. Birch is past prime and falling over. 6/2020: lots of large hemlock pockets (greater than 140 BA in those pockets); areas with more maple could be thinned but are relatively sma in acreage and much lower BA (~80-100) and lots of balsam poles. Cut in 2014 - Swainson's Jack Pine 420221201. TCR 12/4/14
28 29	Black Spruce orthern White Cedar White Pine 4319 - Mixed Canopy Species Red Maple Yellow Birch Paper Birch Balsam Fir White Pine Red Pine Hemlock 4130 Canopy Species Red Maple White Pine	25 65 10 Upland F 25 55 55 55 15 55 30 - Aspen % Cover 15 15 15	r Size Class Pole/Sapling Pole/Log/Sap Log orest Sa r Size Class Log/Pole Pole Log/Pole XLog/Log Log/Pole/XLog cog Sapling Log	DBH 8 9 14 awtimber DBH 10 8 10 8 10 8 10 8 11 10 8 10 8 11 10 8 10 8 10 8 10 8 10 8 10 8 10 10 8 10 10 10 10 10 10 10 10 10 10	Age         91           91         91           91         91           er Well         Age           71         61           71         1           51         1           71         91           91         91	17.5 Sub-Car Rec Bal Wh B He	91 Dopy Species d Maple sam Fir ite Pine Beech emlock	111-140 Density Medium Low Low Low	N/A Avg. Height 10 - 20 feet < 5 feet 10 - 20 feet >20 feet	Sapling Sapling Sapling Sapling	2010: Stand is recovering from loss of beech trees from Beech Bark Disease. Looks like good regeneration is occurring. Most of aspen will be in broken out into stand to the west, next to jack pine. Birch is past prime and falling over. 6/2020: lots of large hemlock pockets (greater than 140 BA in those pockets); areas with more maple could be thinned but are relatively sma in acreage and much lower BA (~80-100) and lots of balsam poles. Cut in 2014 - Swainson's Jack Pine 420221201. TCR 12/4/14

# Report 7 – Stands

DNR

	400 10						04.440			
80	429 - Mixed U	•	nifers Saw		Medium		81-110	N/A	0:	2010: It is a mixed stand with white pine over the top of white birch, rea maple, spruce and some jack pine. It is a transitional stand between
	Canopy Species Paper Birch	25 %	Pole	<b>DBH</b> 8	71	Sub-Canopy Species Red Maple	Density High	Avg. Height >20 feet	Size Sapling	upland and lowland. Two track to river access.
	White Spruce	23	Pole	8	71	Balsam Fir	Low	Variable	Sapling	
	White Pine	35	Log/XLog/Pole		87	White Spruce	Medium	>20 feet	Sapling	
	Red Pine	20		16	87	White Pine	Medium	Variable	Sapling	
	Jack Pine	3	Log Pole	8	71	vville Fille	Medium	valiable	Sapility	
	-	15	Pole	8	7.1					
	Red Maple	15	FUIE	0						
81	4130	- Aspen	Sa	pling N	ledium	138.2 6 li	nmature	N/A		Cut in 2014 - Swainson's Jack Pine 420221201. TCR 12/4/14 Scarifie
	Canopy Species	% Cove	r Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	2015. Regen Check 2018 - 248 TPA JP - failed (numbers are for all 2- acres of the original sale). 6/2020 - divided original stand into 3 portion
	Quaking Aspen	70	Sapling	1	6	Jack Pine	Low	< 5 feet	Seeding	This is the southern portion and is primarily aspen. Stand type line is
	Red Maple	5	Sapling	1						roughly drawn.
	Bigtooth Aspen	10	Sapling	1						
	Red Pine	2	Log	15						
	White Pine	2	Log	16						
	White Pine	11	Sapling	1						
32		- Water		Nonsto		1.6		No		
3	4311 - Pin				ledium	28.6 17 li	nmature	N/A		This was harvested in the Pine Camp Mix sale (#013-92). It was completed in 09/04. FTP (C42-568) for scarification never completed.
	Canopy Species		r Size Class	DBH						·····
	Quaking Aspen	35	Sapling	1	17					
	Bigtooth Aspen	10	Sapling	1	17					
	White Pine	15	Pole/Log/Sap	8						
	Jack Pine Red Pine	35 5	Sapling	2 14						
	Red Fille	5	Log	14						
4	500 -	- Water	I	Nonsto	cked	2.1		No		
	6225	5 - Bog	I	Nonsto	cked	6.2		No		
5					er Well	26.9 61		N/A		Long narrow ridge of sandy soil. Healthy looking stand.
5 6	4130	- Aspen	Po	letimb				A	Sizo	
	4130 Canopy Species	•	Po r Size Class		Age	Sub-Canopy Species	Density	Avg. Height	Size	
		•			<b>Age</b> 61	Sub-Canopy Species White Pine	Density Medium	5 - 10 feet	Sapling	
	Canopy Species	% Cove	r Size Class	DBH			-		1	
	Canopy Species Quaking Aspen	<b>% Cove</b> 45	r Size Class Pole	<b>DBH</b> 8	61		-		1	
	Canopy Species Quaking Aspen Bigtooth Aspen	<b>% Cove</b> 45 40	r Size Class Pole Pole	<b>DBH</b> 8 8	61 61		-		1	

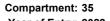
# Report 7 – Stands



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Stan	d Level 4 C	over Type	s	Size De	ensity	Acres	Stand Age B	BA Range	Managed S	Site	General Comments
37	4130	- Aspen		Sapling Well		28.9	34	Immature	N/A		This was harvested in sale 26-84-1. Just starting to grow into pole size.
	<b>Canopy Species</b>	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	80 5 6	Sapling/Pole	4	34	Bal	sam Fir	Low	Variable	Sapling	
	Balsam Fir		Sapling	2	26	Wh	ite Pine	Low	Variable	Sapling	
	White Pine		Sapling	2	31						-
	Red Pine	2	Log	16							
	White Pine	2	Log	14							
	Red Maple	5	Sapling/Pole	4							
38	42290 - Nati	ural Mixed F	Pine Sa	apling l	Medium	84.3	17	1-50	N/A		Harvested in the Pine Camp Road Sale. Completed in 11/04. Red an
	Canopy Species	% Cover	Size Class	DBH	Age						Jack pine residual. Never scarified.
	White Pine	28	Pole/Sap/Log	7							
	Jack Pine	40	Sapling	2	17						
	Red Pine	5	Log	14							
	Balsam Fir	5	Sapling/Pole	3							
	Red Maple	5	Sapling	1							
	Quaking Aspen	15	Sapling	2							
	Red Pine	2	Sapling	2							
39	42220 - Nat		ine Size Class	Saplin	g Well I Age	41.2	34	Immature	N/A		This area was cut in 26-84-1, completed April of 1987. Scarified 10/87
	Red Maple	5	Sapling	3	34						
	Quaking Aspen	15	Sapling	3	34						
	White Pine	10	Pole/Sap/Log		54						
	Red Pine	5	Log	16							
	Jack Pine	65	Sapling	4	34						
		00	oupling	-	04						
40	4133 - Aspe			Sapling		42.1		Immature	N/A		Aspen with some white pine residual. This stand was harvested in the Little White Pine sale. It was completed in 09/93. This was a Mackina
	Canopy Species		Size Class		Age		nopy Species	-	Avg. Height	Size	Mix before the sale, with white pine predominant.
	Quaking Aspen	58	Sapling	3	28		d Maple	Medium	>20 feet	Sapling	
	White Pine	25	Pole/Sap/Log			Wh	iite Pine	Low	Variable	Sapling	
	Red Pine	5	Log	14							
	Bigtooth Aspen	10	Sapling	3							
	Paper Birch	2	Sapling	3							
41	42200 - Nati	ural White F	Pine Sav	awtimber Medium		m 17.6 79		81-110	N/A		Cut in 1993 as part of Little White Pine, #043-92. White pine stand that
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	had a prescribed burn in 8/2008. It has control lines.
	Red Maple	15	Pole	8		Re	d Maple	High	>20 feet	Sapling	
	White Pine	70	Log	14	79	Quak	ing Aspen	Medium	>20 feet	Sapling	
	Hemlock	5	Log/Pole	10							
	Red Pine										

# Report 7 – Stands

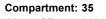


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Year of Entry: 2022

Stand	d Level 4 C	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
42	4133 - Aspe	en, Mixed P	ine	Sapling	g Well	38.5	17 I	Immature	N/A		This was harvested in the Pine Camp Mix sale. It was completed in
	Canopy Species	% Cover	Size Class	DBH	Age						09/04. More aspen than jack pine in adjacent stand.
	Quaking Aspen	50	Sapling	2	17						
	Jack Pine	15 Sapling 2									
	White Pine	10	Log/Pole/Sap								
	Balsam Fir	5	Sapling	3							
	Bigtooth Aspen	10	Sapling	2							
	Red Maple	5	Sapling	2							
	Red Pine	5	Log	15							
43	4130	- Aspen	S	Sawtimb	er Well	7.0	72		N/A		
	<b>Canopy Species</b>	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	40	Log/Pole	10	72	Wh	nite Pine	Medium	Variable	Sapling	
	White Pine	5	Log/Pole	12		Re	d Maple	Low	>20 feet	Sapling	
	Bigtooth Aspen	40	Log/Pole	10	72						
	Red Maple	10	Pole	6							
	Jack Pine	5	Pole	9							
44	42200 - Natural White Pine			Sawtimb	er Poor	34.1	76	51-80	N/A		2010: This stand was cut in 2004 as part of the Pine Road Mix sale. It is
	<b>Canopy Species</b>	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	within the 1/4 mile zone of the natural river's act. It is within the 300 foot distance regarding road placement. It is within the 100 to 300 ft buffer for
	White Pine	85	Log/Pole	16	76	Bigto	oth Aspen	Medium High	>20 feet		
		00	0			_	d Maple		>20 feet	Couling	information.
	Red Pine	15	Log	14		Re	u mapic	5	201001	Sapling	
			0				te Spruce	Low	>20 feet	Sapling	
			0			Whit		0			
			0			Whit Bal	te Spruce	Low	>20 feet	Sapling	
45	Red Pine		0		ı Well	Whit Bal	te Spruce Isam Fir ck Pine	Low Medium	>20 feet >20 feet	Sapling Sapling	This was unit two in the Chris Brown Aspen sale, completed in 7/04.
45	Red Pine	15 - Aspen	0	14 Sapling	y Well	Whit Bal Ja 5.5	te Spruce Isam Fir ck Pine	Low Medium Low	>20 feet >20 feet >20 feet	Sapling Sapling	
45	Red Pine 4130	15 - Aspen	Log	14 Sapling DBH	· [	Whit Bal Ja 5.5 Sub-Car	te Spruce Isam Fir ck Pine 17 I	Low Medium Low	>20 feet >20 feet >20 feet N/A	Sapling Sapling Sapling	This was unit two in the Chris Brown Aspen sale, completed in 7/04. unblocked two track goes through the stand.
45	Red Pine 4130 Canopy Species	- Aspen % Cover	Log Size Class	14           Sapling           DBH           1           16	Age	Whit Bal Ja 5.5 Sub-Car	te Spruce Isam Fir ck Pine 17 I nopy Species	Low Medium Low Immature Density	>20 feet >20 feet >20 feet N/A Avg. Height	Sapling Sapling Sapling Size	This was unit two in the Chris Brown Aspen sale, completed in 7/04. unblocked two track goes through the stand.
45	Red Pine 4130 Canopy Species Quaking Aspen	- Aspen % Cover 83	Log Size Class Sapling	14 Sapling DBH	17	Whit Bal Ja 5.5 Sub-Car	te Spruce Isam Fir ck Pine 17 I nopy Species	Low Medium Low Immature Density	>20 feet >20 feet >20 feet N/A Avg. Height	Sapling Sapling Sapling Size	This was unit two in the Chris Brown Aspen sale, completed in 7/04. unblocked two track goes through the stand.
45	Red Pine 4130 Canopy Species Quaking Aspen Red Pine	- Aspen * Cover 83 2	Log Size Class Sapling Log	14           Sapling           DBH           1           16	17	Whit Bal Ja 5.5 <b>Sub-Ca</b> r	te Spruce Isam Fir ck Pine 17 I nopy Species	Low Medium Low Immature Density	>20 feet >20 feet >20 feet N/A Avg. Height	Sapling Sapling Sapling Size	This was unit two in the Chris Brown Aspen sale, completed in 7/04. unblocked two track goes through the stand.
	Red Pine 4130 Canopy Species Quaking Aspen Red Pine Bigtooth Aspen	- Aspen * Cover 83 2 10 5	Log Size Class Sapling Log Sapling Sapling	14           Sapling           DBH           1           16           2	Age           17           79	Whit Bal Ja 5.5 <b>Sub-Ca</b> r	te Spruce Isam Fir ck Pine 17 I nopy Species	Low Medium Low Immature Density	>20 feet >20 feet >20 feet N/A Avg. Height	Sapling Sapling Sapling Size	This was unit two in the Chris Brown Aspen sale, completed in 7/04. unblocked two track goes through the stand.
	Red Pine 4130 Canopy Species Quaking Aspen Red Pine Bigtooth Aspen Red Maple	- Aspen * Cover 83 2 10 5 ural White F	Log Size Class Sapling Log Sapling Sapling	14           Sapling           DBH           1           16           2           1           Sawtimb	Age           17           79	Whit Bal Ja 5.5 <b>Sub-Car</b> Re 15.7	ie Spruce Isam Fir ck Pine 17 I nopy Species d Maple	Low Medium Low Immature Density Low	>20 feet >20 feet >20 feet N/A Avg. Height 5 - 10 feet	Sapling Sapling Sapling Size	This was unit two in the Chris Brown Aspen sale, completed in 7/04. unblocked two track goes through the stand.
	Red Pine 4130 Canopy Species Quaking Aspen Red Pine Bigtooth Aspen Red Maple 42200 - Natu	- Aspen * Cover 83 2 10 5 ural White F	Log Size Class Sapling Log Sapling Sapling Sapling Pine S	14           Sapling           DBH           1           16           2           1           Sawtimb	Age           17           79           er Poor	Whit Bal Jar 5.5 <b>Sub-Car</b> Rer 15.7	ie Spruce Isam Fir ck Pine 17 I nopy Species d Maple 91	Implementation       Bensity       Low	>20 feet >20 feet >20 feet N/A <b>Avg. Height</b> 5 - 10 feet	Sapling Sapling Sapling Size Sapling	This was unit two in the Chris Brown Aspen sale, completed in 7/04. unblocked two track goes through the stand.
45	Red Pine 4130 Canopy Species Quaking Aspen Red Pine Bigtooth Aspen Red Maple 42200 - Natu Canopy Species	- Aspen * Cover 83 2 10 5 ural White F * Cover	Log Size Class Sapling Log Sapling Sapling Pine S Size Class	Sapling DBH 1 16 2 1 Sawtimb DBH	Age           17           79           er Poor           Age	Whit Bal Ja 5.5 <b>Sub-Can</b> Re 15.7	ie Spruce Isam Fir ck Pine 17 I nopy Species d Maple 91 nopy Species	Implementation       Bensity       Low       Density       Low	>20 feet >20 feet >20 feet N/A <b>Avg. Height</b> 5 - 10 feet N/A <b>Avg. Height</b>	Sapling Sapling Sapling Size Sapling	This was unit two in the Chris Brown Aspen sale, completed in 7/04. unblocked two track goes through the stand.

# Report 7 – Stands



Year of Entry: 2022

tand							Stand Age B		Managed S		General Comments
47	42200 - Natu				· Mediur		91	81-110	N/A		A portion of the stand had a partial cutting in the Big White Pine Sale 1993, a pulp/log thinning. Underburn was cancelled.
	Canopy Species		Size Class		Age		nopy Species	Density	Avg. Height	Size	6/2020: large WP over mix of understory saplings/small poles.
	White Pine	85	Log/XLog/Pole	16	91		d Maple	Low Medium	>20 feet	Sapling	-
	Jack Pine	5	Pole	6			White Pine		>20 feet	Sapling	-
	Quaking Aspen	5	Pole	6			ing Aspen	Low	>20 feet	Sapling	-
	Red Pine	5	Log/Pole	12			Beech	Medium	>20 feet	Sapling	4
							emlock	Medium	>20 feet	Sapling	-
						Ba	lsam Fir	Medium	>20 feet	Sapling	
48	4112 - Maple, Asso	, Beech, Cł ociation	nerry Sa	wtimb	er Well	12.8	91	111-140	N/A		2010: This stand is one of the few hardwood areas in the compartment. It is probably a better producer of hemlock and white pine than quality
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	sugar maple. It has advanced BBD. Formerly beech, hemlock, white
	Red Maple	55	Log/Pole	14	91		d Maple	Medium	>20 feet	Sapling	pine, yellow birch, red maple and sugar maple. The stand is variable is composition and stocking.
	Yellow Birch	5	Log/Pole	10	85		Beech	Medium	Variable	Sapling	6/2020: heart of the hardwood stand with little hemlock. Hard to type fro
	Beech	10	Pole	10						. 0	<sup>1</sup> photo. 120, 100, 100
			1.00	16							0.00/ 4.48.1/
	White Pine	5	Log	10							hm 20% 14" l/n
	White Pine Hemlock	5	0		91						hm 20% 14" l/p rm 70% 14" l/p
		-	Log/Pole Log/Pole	10 12 14	91						rm 70% 14" l/p
	Hemlock	5	Log/Pole	12	91						
49	Hemlock	5 20	Log/Pole Log/Pole	12 14	91 er Well	9.7	53		N/A		rm 70% 14" l/p rm m- h beech md Planted in 1968. Good density. Has an old trail to stand that is getting
19	Hemlock Sugar Maple	5 20 nted Jack F	Log/Pole Log/Pole	12 14 letimb			53 nopy Species	Density	N/A Avg. Height	Size	rm 70% 14" l/p rm m- h beech md Planted in 1968. Good density. Has an old trail to stand that is getting brushed in.
19	Hemlock Sugar Maple 42120 - Plar	5 20 nted Jack F	Log/Pole Log/Pole Pine Po	12 14 letimb	er Well I <b>Age</b>	Sub-Ca		Density Low		Size Sapling	rm 70% 14" l/p rm m- h beech md Planted in 1968. Good density. Has an old trail to stand that is getting brushed in.
49	Hemlock Sugar Maple 42120 - Plar Canopy Species	5 20 nted Jack F % Cover	Log/Pole Log/Pole Pine Po Size Class	12 14 letimb	er Well I <b>Age</b>	Sub-Ca Re	nopy Species		Avg. Height		rm 70% 14" l/p rm m- h beech md Planted in 1968. Good density. Has an old trail to stand that is getting brushed in. 6/2020: very thin looking, moderate mortality. Could push north and eas
19	Hemlock Sugar Maple 42120 - Plar Canopy Species	5 20 nted Jack F % Cover	Log/Pole Log/Pole Pine Po Size Class	12 14 letimb	er Well I <b>Age</b>	Sub-Ca Re	n <b>opy Species</b> d Maple	Low	Avg. Height 5 - 10 feet	Sapling	rm 70% 14" l/p rm m- h beech md Planted in 1968. Good density. Has an old trail to stand that is getting brushed in. 6/2020: very thin looking, moderate mortality. Could push north and eas
49	Hemlock Sugar Maple 42120 - Plar Canopy Species	5 20 nted Jack F % Cover	Log/Pole Log/Pole Pine Po Size Class	12 14 letimb	er Well I <b>Age</b>	Sub-Ca Re Ba	n <b>opy Species</b> d Maple Beech	Low Low	<b>Avg. Height</b> 5 - 10 feet 5 - 10 feet	Sapling Sapling	rm 70% 14" l/p rm m- h beech md Planted in 1968. Good density. Has an old trail to stand that is getting brushed in. 6/2020: very thin looking, moderate mortality. Could push north and eas
49	Hemlock Sugar Maple 42120 - Plar Canopy Species	5 20 nted Jack F % Cover	Log/Pole Log/Pole Pine Po Size Class	12 14 letimb	er Well I <b>Age</b>	Sub-Ca Re E Ba Whit	n <b>opy Species</b> d Maple Beech Isam Fir	Low Low Low	<b>Avg. Height</b> 5 - 10 feet 5 - 10 feet 10 - 20 feet	Sapling Sapling Sapling	rm 70% 14" l/p rm m- h beech md Planted in 1968. Good density. Has an old trail to stand that is getting brushed in. 6/2020: very thin looking, moderate mortality. Could push north and eas
49	Hemlock Sugar Maple 42120 - Plar Canopy Species	5 20 nted Jack F % Cover 100	Log/Pole Log/Pole Pine Po Size Class Pole	12 14 letimb DBH 9	er Well I <b>Age</b>	Sub-Ca Re E Ba Whit	hopy Species d Maple Beech Isam Fir te Spruce	Low Low Low Low	Avg. Height           5 - 10 feet           5 - 10 feet           10 - 20 feet           5 - 10 feet	Sapling Sapling Sapling Sapling	rm 70% 14" l/p rm m- h beech md Planted in 1968. Good density. Has an old trail to stand that is getting brushed in. 6/2020: very thin looking, moderate mortality. Could push north and eas edge where aspen is.
_	Hemlock Sugar Maple 42120 - Plar Canopy Species Jack Pine	ted Jack F <b>% Cover</b> 100	Log/Pole Log/Pole Pine Po Size Class Pole	12 14 letimb 9	er Well	Sub-Ca Re Ba Whit Wh	nopy Species d Maple Beech Isam Fir te Spruce hite Pine	Low Low Low Low Medium	Avg. Height           5 - 10 feet           5 - 10 feet           10 - 20 feet           5 - 10 feet           10 - 20 feet           10 - 20 feet	Sapling Sapling Sapling Sapling	rm 70% 14" I/p rm m- h beech md Planted in 1968. Good density. Has an old trail to stand that is getting brushed in. 6/2020: very thin looking, moderate mortality. Could push north and eas edge where aspen is. In Two-hearted management influence zones-see natural rivers plan. White pine and deciduous mix. Stands to the north were cut in Pine
	Hemlock Sugar Maple 42120 - Plar Canopy Species Jack Pine 4115 - Y.Birc	ted Jack F <b>% Cover</b> 100 100	Log/Pole Log/Pole Pine Po Size Class Pole	12 14 letimb 9	er Well 53 er Well	Sub-Car Re Ba Whit Wh 33.1 Sub-Car	hopy Species d Maple Beech Isam Fir te Spruce hite Pine 71	Low Low Low Medium 81-110	Avg. Height 5 - 10 feet 5 - 10 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet N/A	Sapling Sapling Sapling Sapling Sapling	rm 70% 14" I/p rm m- h beech md Planted in 1968. Good density. Has an old trail to stand that is getting brushed in. 6/2020: very thin looking, moderate mortality. Could push north and eas edge where aspen is.
	Hemlock Sugar Maple 42120 - Plar Canopy Species Jack Pine 4115 - Y.Birc Canopy Species	the Jack F % Cover 100 h, Hemlock % Cover	Log/Pole Log/Pole Pine Po Size Class Pole	12 14 letimb 9	er Well 53	Sub-Car Re Ba Whit Wh 33.1 Sub-Car Sug	nopy Species d Maple Beech Isam Fir te Spruce hite Pine 71 nopy Species	Low Low Low Medium 81-110 Density	Avg. Height 5 - 10 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet 10 - 20 feet N/A Avg. Height	Sapling Sapling Sapling Sapling Sapling	rm 70% 14" I/p rm m- h beech md Planted in 1968. Good density. Has an old trail to stand that is getting brushed in. 6/2020: very thin looking, moderate mortality. Could push north and eas edge where aspen is. In Two-hearted management influence zones-see natural rivers plan. White pine and deciduous mix. Stands to the north were cut in Pine camp mix completed in 9/04. Many Beech have passed over due to
_	Hemlock Sugar Maple 42120 - Plar Canopy Species Jack Pine 4115 - Y.Birc Canopy Species Sugar Maple	the Hemlocl	Log/Pole Log/Pole Pine Po Size Class Pole K NH Po Size Class Log/Pole	12       14       letimb       DBH       9	er Well 53 er Well er Well	Sub-Ca Re Ba White 33.1 Sub-Ca Sug Re	nopy Species d Maple Beech Isam Fir te Spruce tite Pine 71 nopy Species ar Maple	Low Low Low Medium 81-110 Density Low	Avg. Height           5 - 10 feet           5 - 10 feet           10 - 20 feet           5 - 10 feet           10 - 20 feet           N/A           Avg. Height           < 5 feet	Sapling Sapling Sapling Sapling Sapling	rm 70% 14" I/p rm m- h beech md Planted in 1968. Good density. Has an old trail to stand that is getting brushed in. 6/2020: very thin looking, moderate mortality. Could push north and eas edge where aspen is. In Two-hearted management influence zones-see natural rivers plan. White pine and deciduous mix. Stands to the north were cut in Pine camp mix completed in 9/04. Many Beech have passed over due to
	Hemlock Sugar Maple 42120 - Plar Canopy Species Jack Pine 4115 - Y.Birc Canopy Species Sugar Maple Red Maple	5         20         Inted Jack F <b>⊘ Cover</b> 100         % Cover         10         50	Log/Pole Log/Pole Pine Po Size Class Pole NH Po Size Class Log/Pole Pole/Log	12       14       letimb       DBH       9	er Well 53 er Well I Age 71 71	Sub-Ca Re Ba White White 33.1 Sub-Ca Sug Re Yell	hopy Species d Maple Beech Isam Fir te Spruce tite Pine 71 nopy Species ar Maple d Maple	Low       Low       Low       Medium       81-110       Density       Low       Low	Avg. Height           5 - 10 feet           5 - 10 feet           10 - 20 feet           10 - 20 feet           10 - 20 feet           N/A           Avg. Height           < 5 feet	Sapling Sapling Sapling Sapling Sapling Sapling Sapling	rm 70% 14" I/p rm m- h beech md Planted in 1968. Good density. Has an old trail to stand that is getting brushed in. 6/2020: very thin looking, moderate mortality. Could push north and eas edge where aspen is. In Two-hearted management influence zones-see natural rivers plan. White pine and deciduous mix. Stands to the north were cut in Pine camp mix completed in 9/04. Many Beech have passed over due to
_	Hemlock Sugar Maple 42120 - Plar Canopy Species Jack Pine 4115 - Y.Birc Canopy Species Sugar Maple Red Maple Yellow Birch	5           20           Inted Jack F <b>⊘ Cover</b> 100           th, Hemlocl <b>⊘ Cover</b> 10           50           50           5	C NH Po Size Class Pole Size Class Pole Size Class Log/Pole Pole/Log Pole/Sapling	12       14       letimb       DBH       9       letimb       DBH       10       10       6	er Well 53 er Well I Age 71 71 66	Sub-Ca Re Ba Whit Whit 33.1 Sub-Ca Sug Re Yell	hopy Species d Maple Beech Isam Fir te Spruce hite Pine 71 71 nopy Species ar Maple d Maple ow Birch	Low     Low     Low     Low     Medium  81-110  Density     Low     Low     Low      Low	Avg. Height 5 - 10 feet 5 - 10 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet N/A Avg. Height < 5 feet 5 - 10 feet < 5 feet	Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	rm 70% 14" I/p rm m- h beech md Planted in 1968. Good density. Has an old trail to stand that is getting brushed in. 6/2020: very thin looking, moderate mortality. Could push north and eas edge where aspen is. In Two-hearted management influence zones-see natural rivers plan. White pine and deciduous mix. Stands to the north were cut in Pine camp mix completed in 9/04. Many Beech have passed over due to

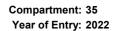
# Report 7 – Stands

Compartment: 35 Year of Entry: 2022

NO DALE

•		_	-		•.		<b>•</b> • • • •				
Stand	a Level 4 C	over Type	5	Size Den	sity	Acres	Stand Age E	BA Range	Managed S	Site	General Comments
51	4133 - Aspe	en, Mixed P	ine Sa	apling Me	edium	349.2	6	Immature	N/A		2/26/16 - Stand was harvested sale #420231201 Harrier's Jack Pine. ⊐ Scarification completed in 2015.
	Canopy Species	% Cover	Size Class	DBH /	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	Regen survey summer 2017 (covering all 437 acres of original sale).
	Jack Pine	2	Sapling	1	6	Ja	ck Pine	Medium	< 5 feet	Seeding	Black Cherry 74 Trees/acre, Big toothed aspen 144 Trees/acre, Jack
	White Pine	15	Log	14							Pine 46 Trees/acre, Trembling aspen 301 Trees/acre, Red maple 397 Trees/acre, White Pine 69 Trees/acre, Beech 33 Trees/acre, Balsam Fir
	Red Pine	5	Log	12							16 Trees/acre. Red Pine 24 Trees/acre.
	White Pine	13	Sapling	2							6/2020: stand was split due to variable regeneration. This portion
	Balsam Fir	5 25	Sapling	2							contains patches of aspen, scattered young white pine left from cutting,
	Quaking Aspen		Sapling	1	6						scattered red maple, residual red pine/white pine, and areas of jack pine (6" - 3' tall) seeding in. Aspen is approx. 5'+ tall.
	Red Maple	10	Sapling	1							
	Bigtooth Aspen	25	Sapling	1	6						
52	622	5 - Bog		Nonstoc	ked	1.0	0		No		
53	42120 - Plai	nted Jack P	Pine P	oletimber		27.6	53		N/A		Planted jack pine. Very good density control. Planted in 1968. Occasional white pine or quaking aspen.
	Canopy Species	% Cover	Size Class	DBH /	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	6/2020: experiencing mortality. Sparse looking tops (budworm?)
	Quaking Aspen	2	Pole	8		Wh	ite Pine	Low	Variable	Sapling	
	White Pine	3	Pole/Log	9		Whit	e Spruce	Low	Variable	Sapling	
	Jack Pine	95	Pole	9	53						
54	622	5 - Bog		Nonstoc	ked	1.2	0		No		
54 55	622: 4319 - Mixeo	-		Nonstocl		1.2 146.4	0 91	111-140	No N/A		2010: Topo variable, several short steep slopes. Hardwood mix with a
		l Upland Fo			Well	146.4				Size	good bit of spruce and fir regeneration.
	4319 - Mixeo	l Upland Fo	prest P	oletimber	Well	146.4 <b>Sub-Ca</b> i	91		N/A	Size Sapling	good bit of spruce and fir regeneration. 6/2020: 140, 80, 120, 110, 90, 100, 100, Highly variable stand. Lots of smaller dbh (6") and some large dbh (18"+)
	4319 - Mixec Canopy Species	I Upland Fo % Cover	orest Pr Size Class	oletimber DBH /	Well	146.4 <b>Sub-Ca</b> i	91 nopy Species	Density	N/A Avg. Height		good bit of spruce and fir regeneration. 6/2020: 140, 80, 120, 110, 90, 100, 100, Highly variable stand. Lots of smaller dbh (6") and some large dbh (18"+) Pockets of thick balsam understory (west side).
	4319 - Mixeo Canopy Species Sugar Maple	I Upland Fo % Cover	orest Pr Size Class Log/Pole	oletimber DBH /	- Well Age	146.4 Sub-Car E Re	91 n <b>opy Species</b> Beech	Density Medium	N/A Avg. Height >20 feet	Sapling	good bit of spruce and fir regeneration. 6/2020: 140, 80, 120, 110, 90, 100, 100, Highly variable stand. Lots of smaller dbh (6") and some large dbh (18"+) Pockets of thick balsam understory (west side). Portions cut in 1974 (#21.74A) and 1982 (#18.82)
	4319 - Mixeo Canopy Species Sugar Maple Red Maple	I Upland Fo % Cover 10 30	orest Po Size Class Log/Pole Log/Pole/XLog	oletimber DBH / 12 J 12	- Well Age	146.4 Sub-Car E Re	91 nopy Species Beech d Maple	<b>Density</b> Medium Medium	N/A Avg. Height >20 feet >20 feet	Sapling Sapling	good bit of spruce and fir regeneration. 6/2020: 140, 80, 120, 110, 90, 100, 100, Highly variable stand. Lots of smaller dbh (6") and some large dbh (18"+) Pockets of thick balsam understory (west side). Portions cut in 1974 (#21.74A) and 1982 (#18.82)
	4319 - Mixed Canopy Species Sugar Maple Red Maple Yellow Birch	Upland Fo % Cover 10 30 10	Size Class Log/Pole Log/Pole/XLog Log/Pole	oletimber DBH / 12 J 12 J 12	- Well Age	146.4 Sub-Car E Re	91 nopy Species Beech d Maple	<b>Density</b> Medium Medium	N/A Avg. Height >20 feet >20 feet	Sapling Sapling	good bit of spruce and fir regeneration. 6/2020: 140, 80, 120, 110, 90, 100, 100, Highly variable stand. Lots of smaller dbh (6") and some large dbh (18"+) Pockets of thick balsam understory (west side). Portions cut in 1974 (#21.74A) and 1982 (#18.82)
	4319 - Mixed Canopy Species Sugar Maple Red Maple Yellow Birch Beech	I Upland Fc % Cover 10 30 10 2 8	Size Class Log/Pole Log/Pole/XLog Log/Pole Log	oletimber DBH / 12 12 12 12 13 16	- Well Age	146.4 Sub-Car E Re	91 nopy Species Beech d Maple	<b>Density</b> Medium Medium	N/A Avg. Height >20 feet >20 feet	Sapling Sapling	good bit of spruce and fir regeneration. 6/2020: 140, 80, 120, 110, 90, 100, 100, Highly variable stand. Lots of smaller dbh (6") and some large dbh (18"+) Pockets of thick balsam understory (west side). Portions cut in 1074 (#21.74A) and 1982 (#18.82)
	4319 - Mixed Canopy Species Sugar Maple Red Maple Yellow Birch Beech White Pine	I Upland Fc % Cover 10 30 10 2 8	Size Class Log/Pole Log/Pole/XLog Log/Pole Log Log/XLog	DBH     I       12     12       12     12       12     13       16     14	Age 71	146.4 Sub-Car E Re	91 nopy Species Beech d Maple	<b>Density</b> Medium Medium	N/A Avg. Height >20 feet >20 feet	Sapling Sapling	good bit of spruce and fir regeneration. 6/2020: 140, 80, 120, 110, 90, 100, 100, Highly variable stand. Lots of smaller dbh (6") and some large dbh (18"+) Pockets of thick balsam understory (west side). Portions cut in 1074 (#21.74A) and 1982 (#18.82)
	4319 - Mixed Canopy Species Sugar Maple Red Maple Yellow Birch Beech White Pine Hemlock	I Upland Fc % Cover 10 30 10 2 8 30 30 10	Prest Provide the second secon	oletimber       DBH       12       12       12       12       12       12       14       9	Well       Age       71       91       47	146.4 Sub-Car E Re	91 hopy Species Beech d Maple Isam Fir	<b>Density</b> Medium Medium	N/A Avg. Height >20 feet >20 feet	Sapling Sapling	good bit of spruce and fir regeneration. 6/2020: 140, 80, 120, 110, 90, 100, 100, Highly variable stand. Lots of smaller dbh (6") and some large dbh (18"+) Pockets of thick balsam understory (west side). Portions cut in 1974 (#21-74A) and 1982 (#18-82) This was Unit 1 of the Shamrock Mix sale, completed in May 2004. Jack
55	4319 - Mixed Canopy Species Sugar Maple Red Maple Yellow Birch Beech White Pine Hemlock Balsam Fir	I Upland Fc % Cover 10 30 10 2 8 30 10 10 2 8 30 10 2 8 30 10 2 8 30 10 2 8 30 10 2 8 30 10 10 10 10 10 10 10 10 10 1	Prest Provide the second secon	DBH       12       12       12       12       12       12       12       12       12       12       13       16       14       9       Sapling V       DBH	Well       Age       71       91       47	146.4 Sub-Car E Re Bal	91 hopy Species Beech d Maple Isam Fir	Bensity Medium Medium Medium	N/A Avg. Height >20 feet >20 feet Variable	Sapling Sapling	good bit of spruce and fir regeneration. 6/2020: 140, 80, 120, 110, 90, 100, 100, Highly variable stand. Lots of smaller dbh (6") and some large dbh (18"+) Pockets of thick balsam understory (west side). Portions cut in 1974 (#21-74A) and 1982 (#18-82) This was Unit 1 of the Shamrock Mix sale, completed in May 2004. Jack pine, red maple and aspen formerly. Quaking aspen regen now with red
55	4319 - Mixed Canopy Species Sugar Maple Red Maple Yellow Birch Beech White Pine Hemlock Balsam Fir 4133 - Aspe	I Upland Fc % Cover 10 30 10 2 8 30 10 10 2 8 30 10 2 8 30 10 2 8 30 10 2 8 30 10 2 8 30 10 10 10 10 10 10 10 10 10 1	rest Participation Provided to the second se	oletimber <b>DBH</b> 12 12 12 12 12 12 12 12 12 12	Well       Age       71       91       47	146.4 Sub-Car Bal Bal 33.8 Sub-Car	91 hopy Species Beech d Maple Isam Fir	Bensity Medium Medium Medium	N/A Avg. Height >20 feet >20 feet Variable	Sapling Sapling Sapling	good bit of spruce and fir regeneration. 6/2020: 140, 80, 120, 110, 90, 100, 100, Highly variable stand. Lots of smaller dbh (6") and some large dbh (18"+) Pockets of thick balsam understory (west side). Portions cut in 1974 (#21-74A) and 1982 (#18-82) This was Unit 1 of the Shamrock Mix sale, completed in May 2004. Jack pine, red maple and aspen formerly. Quaking aspen regen now with red pine and white pine residual.
55	4319 - Mixed Canopy Species Sugar Maple Red Maple Yellow Birch Beech White Pine Hemlock Balsam Fir 4133 - Aspe Canopy Species	I Upland Fc % Cover 10 30 10 2 8 30 10 2 en, Mixed P % Cover	rest Pole Size Class Log/Pole Log/Pole/XLog Log/Pole Log/XLog Log/XLog/Pole Pole ine	DBH       12       12       12       12       12       12       12       12       12       12       13       16       14       9       Sapling V       DBH	Well       Age       71       91       47       Well       Age	146.4 Sub-Car Bal Bal 33.8 Sub-Car	91 nopy Species Beech d Maple sam Fir 17 17 nopy Species	Density Medium Medium Medium	N/A Avg. Height >20 feet >20 feet Variable N/A Avg. Height	Sapling Sapling Sapling Size	good bit of spruce and fir regeneration. 6/2020: 140, 80, 120, 110, 90, 100, 100, Highly variable stand. Lots of smaller dbh (6") and some large dbh (18"+) Pockets of thick balsam understory (west side). Portions cut in 1974 (#21-74A) and 1982 (#18-82) This was Unit 1 of the Shamrock Mix sale, completed in May 2004. Jack pine, red maple and aspen formerly. Quaking aspen regen now with red pine and white pine residual.
55	4319 - Mixed Canopy Species Sugar Maple Red Maple Yellow Birch Beech White Pine Hemlock Balsam Fir 4133 - Aspec Canopy Species Quaking Aspen	I Upland Fc % Cover 10 30 10 2 8 30 10 20 8 30 10 20 8 30 10 20 8 30 10 20 8 30 10 5 65	rest Pole Size Class Log/Pole Log/Pole/XLog Log/ZLog Log/XLog Log/XLog/Pole Pole ine Size Class Sapling	oletimber DBH / 12 12 12 12 13 16 14 9 Sapling V DBH / 2	Well       Age       71       91       47       Well       Age	146.4 Sub-Car Bal Bal 33.8 Sub-Car	91 nopy Species Beech d Maple sam Fir 17 17 nopy Species	Density Medium Medium Medium	N/A Avg. Height >20 feet >20 feet Variable N/A Avg. Height	Sapling Sapling Sapling Size	good bit of spruce and fir regeneration. 6/2020: 140, 80, 120, 110, 90, 100, 100, Highly variable stand. Lots of smaller dbh (6") and some large dbh (18"+) Pockets of thick balsam understory (west side). Portions cut in 1974 (#21-74A) and 1982 (#18-82) This was Unit 1 of the Shamrock Mix sale, completed in May 2004. Jack pine, red maple and aspen formerly. Quaking aspen regen now with red pine and white pine residual.
55	4319 - Mixed Canopy Species Sugar Maple Red Maple Yellow Birch Beech White Pine Hemlock Balsam Fir 4133 - Aspe Canopy Species Quaking Aspen White Pine	I Upland Fc % Cover 10 30 10 2 8 30 10 2 en, Mixed P % Cover 65 15	Arrest Pole Size Class Log/Pole Log/Pole/XLog Log/XLog Log/XLog Log/XLog/Pole Pole ine Size Class Sapling Log/Pole	oletimber       DBH       12       12       12       12       12       13       16       14       9       Sapling V       DBH       2       13	Well       Age       71       91       47       Well       Age	146.4 Sub-Car Bal Bal 33.8 Sub-Car	91 nopy Species Beech d Maple sam Fir 17 17 nopy Species	Density Medium Medium Medium	N/A Avg. Height >20 feet >20 feet Variable N/A Avg. Height	Sapling Sapling Sapling Size	good bit of spruce and fir regeneration. 6/2020: 140, 80, 120, 110, 90, 100, 100, Highly variable stand. Lots of smaller dbh (6") and some large dbh (18"+) Pockets of thick balsam understory (west side). Portions cut in 1974 (#21-74A) and 1982 (#18-82) This was Unit 1 of the Shamrock Mix sale, completed in May 2004. Jack pine, red maple and aspen formerly. Quaking aspen regen now with red pine and white pine residual.

# Report 7 – Stands



F

tand	d Level 4 Co	over Type	:	Size De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
57	4130 -	- Aspen		Saplinę	g Well	11.3	27	Immature	N/A		Harvested in Shamrock Mix sale, completed in 9/1994.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	opy Species	Density	Avg. Height	Size	
	Quaking Aspen	80	Sapling/Pole	4	27	Wh	ite Pine	Low	< 5 feet	Sapling	
	White Pine	10	Pole/Sapling	5		Serviceber	rry (Juneberry	) Low	5 - 10 feet	Sapling	
	Jack Pine	5	Pole/Sapling	5		Red	d Maple	Medium	Variable	Sapling	
	Red Maple	5	Sapling	3			·				1
58	42260 - Natural Pir	ne, Mixed D	eciduous S	apling I	Medium	n 114.3	17	Immature	N/A		This was harvested in the Shamrock Jack Pine sale, completed in 10/04
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	opy Species	Density	Avg. Height	Size	Mosaic of JP w/ aspen clones.
	Jack Pine	55	Sapling	2	17	Pin	Cherry	Medium	5 - 10 feet	Sapling	
	Quaking Aspen	23	Sapling	2							1
	Red Maple	10	Sapling	1							
	White Pine	10	Pole	8							
	Paper Birch	2	Sapling	2							
59	6129 - Mixed Co Fo	niferous Lo rest	owland P	oletimb	er Well	I 32.7	131		N/A		Area near river with very steep slopes. In the special management area of the natural river plan. Has a mixture of lowland conifer, white pine and
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	opy Species	Density	Avg. Height	Size	lowland hardwood species. Transitional between upland and lowland.
	Paper Birch	2	Pole	6		Wh	ite Pine	Medium	5 - 10 feet	Sapling	-
	Quaking Aspen	3	Pole	6							
	Quaking Aspen White Spruce	3 15	Pole Pole	6							-
											- -
No	White Spruce	15	Pole	4	131						-
No	White Spruce Black Spruce	15 16	Pole Pole	4	131						-
No <b>60</b>	White Spruce Black Spruce orthern White Cedar	15 16 40 20	Pole Pole Pole Log	4 8 8		n 40.5	17	Immature	N/A		This was harvested in Shamrock Mix sale, completed in May 2004.
	White Spruce Black Spruce orthern White Cedar White Pine	15 16 40 20 n, Mixed P	Pole Pole Pole Log	4 8 16 apling l		n 40.5	17	Immature	N/A		Areas of thick regen mixed with areas of sparse to medium regen.
	White Spruce Black Spruce orthern White Cedar White Pine 4133 - Aspe	15 16 40 20 n, Mixed P	Pole Pole Log	4 8 16 apling l	Medium	n 40.5	17	Immature	N/A		
	White Spruce Black Spruce orthern White Cedar White Pine 4133 - Aspe Canopy Species	15 16 40 20 n, Mixed P % Cover	Pole Pole Log ine S Size Class	4 8 16 apling I DBH 2	Medium I Age	n 40.5	17	Immature	N/A		Areas of thick regen mixed with areas of sparse to medium regen.
	White Spruce Black Spruce orthern White Cedar White Pine 4133 - Aspe Canopy Species Quaking Aspen	15 16 40 20 n, Mixed P <b>% Cover</b> 58	Pole Pole Log ine S Size Class Sapling	4 8 16 apling I DBH 2	Medium I Age	n 40.5	17	Immature	N/A		Areas of thick regen mixed with areas of sparse to medium regen.
	White Spruce Black Spruce orthern White Cedar White Pine 4133 - Aspe Canopy Species Quaking Aspen White Pine	15 16 40 20 n, Mixed P % Cover 58 15	Pole Pole Log ine S Size Class Sapling Sapling/Pole	4 8 8 16 apling I DBH 2 4	Medium I Age	n 40.5	17	Immature	N/A		Areas of thick regen mixed with areas of sparse to medium regen.
	White Spruce Black Spruce orthern White Cedar White Pine 4133 - Aspe Canopy Species Quaking Aspen White Pine Red Maple	15 16 40 20 n, Mixed P % Cover 58 15 15	Pole Pole Log ine S Size Class Sapling Sapling/Pole Sapling	4 8 8 16 apling I 2 4 2	Medium I Age	n 40.5	17	Immature	N/A		Areas of thick regen mixed with areas of sparse to medium regen.
	White Spruce Black Spruce Drthern White Cedar White Pine 4133 - Aspe <b>Canopy Species</b> Quaking Aspen White Pine Red Maple Jack Pine Balsam Fir 42121 - Planted	<ul> <li>15</li> <li>16</li> <li>40</li> <li>20</li> </ul> n, Mixed P % Cover <ul> <li>58</li> <li>15</li> <li>15</li> <li>10</li> <li>2</li> </ul>	Pole Pole Log ine S Size Class Sapling Sapling/Pole Sapling Sapling Sapling	4 8 8 16 apling I 2 4 2 2 4 2	Medium I Age 17		17 21	Immature	N/A N/A		Areas of thick regen mixed with areas of sparse to medium regen. Variable stand, may need to split next entry. This was harvested in the Jack Pine Vista Sale, completed in 1996. Jac pine was machine planted in 5/2000 (FTP 42-388). Jack Pine and aspen
60	White Spruce Black Spruce Drthern White Cedar White Pine 4133 - Aspe <b>Canopy Species</b> Quaking Aspen White Pine Red Maple Jack Pine Balsam Fir 42121 - Planted	15 16 40 20 	Pole Pole Log ine S Size Class Sapling Sapling/Pole Sapling Sapling Sapling	4 8 8 16 <b>DBH</b> 2 4 2 2 2 2 2 2	Medium I Age 17	n 55.7		Immature		Size	Areas of thick regen mixed with areas of sparse to medium regen. Variable stand, may need to split next entry. This was harvested in the Jack Pine Vista Sale, completed in 1996. Jac
60	White Spruce Black Spruce orthern White Cedar White Pine 4133 - Aspe Canopy Species Quaking Aspen White Pine Red Maple Jack Pine Balsam Fir 42121 - Planted Deci	15 16 40 20 	Pole Pole Log ine S Sapling Sapling/Pole Sapling Sapling Mixed S	4 8 8 16 <b>DBH</b> 2 4 2 2 2 2 2 2	Medium I Age 17 17 Medium	55.7 Sub-Car	21	Immature Density	N/A		Areas of thick regen mixed with areas of sparse to medium regen. Variable stand, may need to split next entry. This was harvested in the Jack Pine Vista Sale, completed in 1996. Jac pine was machine planted in 5/2000 (FTP 42-388). Jack Pine and aspen
60	White Spruce Black Spruce orthern White Cedar White Pine 4133 - Aspe Canopy Species Quaking Aspen White Pine Red Maple Jack Pine Balsam Fir 42121 - Planted Deci Canopy Species	15         16         40         20         n, Mixed P         58         15         15         10         2         Jack Pine, duous         % Cover	Pole Pole Log ine S Sapling Sapling/Pole Sapling Sapling Mixed S Size Class	4 8 8 16 <b>DBH</b> 2 4 2 2 2 2 2 apling I	Medium I Age 17 17 Medium	55.7 Sub-Car	21 nopy Species	Immature Density	N/A Avg. Height	Size	Areas of thick regen mixed with areas of sparse to medium regen. Variable stand, may need to split next entry. This was harvested in the Jack Pine Vista Sale, completed in 1996. Jac pine was machine planted in 5/2000 (FTP 42-388). Jack Pine and aspen

### Report 7 – Stands

Compartment: 35 Year of Entry: 2022

tand	d Level 4 Co	over type	S			Acres	<b>.</b>	•	Managed S		General Comments
62	4130	- Aspen	:	Sapling	g Well	14.5	25	Immature	N/A		There are some residual trees on a steep, complex slope. The stand
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	s Density	Avg. Height	Size	was harvested in the Jack Pine Vista sale, completed in February of 1996.6/2020: Primarily aspen.
	Red Maple	5	Pole	6	_	Wh	ite Pine	Low	Variable	Sapling	
	Paper Birch	5	Pole	8							
	White Pine	5	Log	16	71						
	Quaking Aspen	75	Sapling/Pole	3	25						
	Jack Pine	5	Pole/Sapling	6							
	Balsam Fir	5	Pole/Sapling	6							
63	4130	- Aspen	:	Sapling	g Well	11.5	28	Immature	N/A		Cut in 1993 as part of Little White Pine #043-92. Aspen with some
	Canopy Species	% Cover	Size Class	DBH	Age						residual white pine.
	Red Maple	10	Sapling/Pole	3							
	White Pine	10	Log	12							
	Quaking Aspen	65	Sapling/Pole	3	28						
	Balsam Fir	5	Sapling	3							
64	Bigtooth Aspen 622 - Low	10 vland Shrub	Sapling/Pole	3 Nonsto	ocked	8.5	0		No		River buffer
	622 - Low 4115 - Y.Birc	vland Shrub		Nonsto	er Well	6.0	71	81-110	N/A		2010: In Two-hearted management influence zones-see natural rivers
	622 - Low 4115 - Y.Birc Canopy Species	vland Shrub h, Hemlock <b>% Cover</b>	NH Po Size Class	Nonsto oletimb DBH	er Well I <b>Age</b>	6.0	-		N/A Avg. Height	Size	2010: In Two-hearted management influence zones-see natural rivers plan. White pine and deciduous mix. Stands to the north were cut in
	622 - Low 4115 - Y.Birc Canopy Species Sugar Maple	vland Shrub h, Hemlock % Cover	NH Po	Nonsto	er Well I <b>Age</b> 71	6.0 Sub-Car	71		N/A Avg. Height < 5 feet	<b>Size</b> Sapling	2010: In Two-hearted management influence zones-see natural rivers plan. White pine and deciduous mix. Stands to the north were cut in Pine camp mix completed in 9/04. Many Beech have passed over due BBD, a few potentially resistant remain.
	622 - Low 4115 - Y.Birc Canopy Species Sugar Maple Red Maple	vland Shrub h, Hemlock % Cover 10 50	NH Po Size Class Log/Pole Pole/Log	Nonsta Dietimb DBH 10 10	er Well <b>Age</b> 71 71	6.0 <b>Sub-Car</b> Sug Re	71 nopy Species ar Maple d Maple	<b>Density</b> Low Low	N/A <b>Avg. Height</b> < 5 feet 5 - 10 feet	Sapling Sapling	2010: In Two-hearted management influence zones-see natural rivers plan. White pine and deciduous mix. Stands to the north were cut in Pine camp mix completed in 9/04. Many Beech have passed over due to BBD, a few potentially resistant remain. 2020: this small stand was to be thinned as part of Pine Camp Mix (#01
	622 - Low 4115 - Y.Birc Canopy Species Sugar Maple Red Maple Yellow Birch	vland Shrub ch, Hemlock % Cover 10 50 5	NH Po Size Class Log/Pole Pole/Log Pole/Sapling	Nonsto Detimb DBH 10 10 6	er Well 71 71 66	6.0 Sub-Car Sug Rea Yell	71 nopy Species ar Maple d Maple ow Birch	S Density Low Low Low	N/A Avg. Height < 5 feet 5 - 10 feet < 5 feet	Sapling Sapling Sapling	2010: In Two-hearted management influence zones-see natural rivers plan. White pine and deciduous mix. Stands to the north were cut in Pine camp mix completed in 9/04. Many Beech have passed over due BBD, a few potentially resistant remain.
	622 - Low 4115 - Y.Birc Canopy Species Sugar Maple Red Maple Yellow Birch White Pine	vland Shrub ch, Hemlock % Cover 10 50 5 10	NH Po Size Class Log/Pole Pole/Log Pole/Sapling Pole/Sap/Log	Nonsto	er Well 71 71 66 26	6.0 Sub-Car Sug Rei Yell	71 ar Maple d Maple ow Birch Beech	S Density Low Low Low Medium	N/A <b>Avg. Height</b> < 5 feet 5 - 10 feet < 5 feet < 5 feet	Sapling Sapling Sapling Sapling	2010: In Two-hearted management influence zones-see natural rivers plan. White pine and deciduous mix. Stands to the north were cut in Pine camp mix completed in 9/04. Many Beech have passed over due BBD, a few potentially resistant remain. 2020: this small stand was to be thinned as part of Pine Camp Mix (#01 02), but was part of a fire on 7/29/2004. No cutting occurred. Did not
	622 - Low 4115 - Y.Birc Canopy Species Sugar Maple Red Maple Yellow Birch	vland Shrub ch, Hemlock % Cover 10 50 5	NH Po Size Class Log/Pole Pole/Log Pole/Sapling	Nonsto Detimb DBH 10 10 6	er Well 71 71 66	6.0 Sub-Car Sug Rei Yell E Wh	71 ar Maple d Maple ow Birch Beech hite Pine	S Density Low Low Low Medium Low	N/A <b>Avg. Height</b> < 5 feet 5 - 10 feet < 5 feet < 5 feet 5 - 10 feet	Sapling Sapling Sapling Sapling Sapling	2010: In Two-hearted management influence zones-see natural rivers plan. White pine and deciduous mix. Stands to the north were cut in Pine camp mix completed in 9/04. Many Beech have passed over due to BBD, a few potentially resistant remain. 2020: this small stand was to be thinned as part of Pine Camp Mix (#01 02), but was part of a fire on 7/29/2004. No cutting occurred. Did not
	622 - Low 4115 - Y.Birc Canopy Species Sugar Maple Red Maple Yellow Birch White Pine	vland Shrub ch, Hemlock % Cover 10 50 5 10	NH Po Size Class Log/Pole Pole/Log Pole/Sapling Pole/Sap/Log	Nonsto	er Well 71 71 66 26	6.0 Sub-Car Sug Rei Yell E Wh	71 ar Maple d Maple ow Birch Beech	S Density Low Low Low Medium	N/A <b>Avg. Height</b> < 5 feet 5 - 10 feet < 5 feet < 5 feet	Sapling Sapling Sapling Sapling	2010: In Two-hearted management influence zones-see natural rivers plan. White pine and deciduous mix. Stands to the north were cut in Pine camp mix completed in 9/04. Many Beech have passed over due BBD, a few potentially resistant remain. 2020: this small stand was to be thinned as part of Pine Camp Mix (#01 02), but was part of a fire on 7/29/2004. No cutting occurred. Did not
64 65 66	622 - Low 4115 - Y.Birc Canopy Species Sugar Maple Red Maple Yellow Birch White Pine	vland Shrub ch, Hemlock % Cover 10 50 5 10 25 ch, Hemlock	NH Po Size Class Log/Pole Pole/Log Pole/Sapling Pole/Sap/Log Log/Pole	Deletime           DBH           10           10           9           12	er Well 71 71 66 26	6.0 Sub-Car Sug Rei Yell E Wh	71 ar Maple d Maple ow Birch Beech hite Pine	S Density Low Low Low Medium Low	N/A <b>Avg. Height</b> < 5 feet 5 - 10 feet < 5 feet < 5 feet 5 - 10 feet	Sapling Sapling Sapling Sapling Sapling	2010: In Two-hearted management influence zones-see natural rivers plan. White pine and deciduous mix. Stands to the north were cut in Pine camp mix completed in 9/04. Many Beech have passed over due BBD, a few potentially resistant remain. 2020: this small stand was to be thinned as part of Pine Camp Mix (#01 02), but was part of a fire on 7/29/2004. No cutting occurred. Did not visit. Data taken from 2010.
65	622 - Low 4115 - Y.Birc Canopy Species Sugar Maple Red Maple Yellow Birch White Pine Hemlock	vland Shrub ch, Hemlock % Cover 10 50 5 10 25 ch, Hemlock	NH Po Size Class Log/Pole Pole/Log Pole/Sapling Pole/Sap/Log Log/Pole	Nonsta Detimb 10 10 6 9 12	er Well Age 71 71 66 26 81	6.0 Sub-Car Sug Rea Yell E Wh He 9.5	71 ar Maple d Maple ow Birch Beech nite Pine emlock	<ul> <li>Density</li> <li>Low</li> <li>Low</li> <li>Low</li> <li>Low</li> <li>Medium</li> <li>Low</li> <li>Low</li> <li>Stanta</li> </ul>	N/A <b>Avg. Height</b> < 5 feet 5 - 10 feet < 5 feet < 5 feet 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling Sapling Sapling Sapling	2010: In Two-hearted management influence zones-see natural rivers plan. White pine and deciduous mix. Stands to the north were cut in Pine camp mix completed in 9/04. Many Beech have passed over due BBD, a few potentially resistant remain. 2020: this small stand was to be thinned as part of Pine Camp Mix (#01 02), but was part of a fire on 7/29/2004. No cutting occurred. Did not visit. Data taken from 2010.
65	622 - Low 4115 - Y.Birc Canopy Species Sugar Maple Red Maple Yellow Birch White Pine Hemlock 4115 - Y.Birc	vland Shrub ch, Hemlock % Cover 10 50 5 10 25 ch, Hemlock	NH Po Size Class Log/Pole Pole/Log Pole/Sapling Pole/Sap/Log Log/Pole	Nonsta Detimb 10 10 6 9 12	er Well 71 71 66 26 81 er Well	6.0 Sub-Car Sug Re Yell E Wh He 9.5 Sub-Car	71 ar Maple d Maple ow Birch Beech ite Pine emlock 71	<ul> <li>Density</li> <li>Low</li> <li>Low</li> <li>Low</li> <li>Low</li> <li>Medium</li> <li>Low</li> <li>Low</li> <li>Stanta</li> </ul>	N/A <b>Avg. Height</b> < 5 feet 5 - 10 feet < 5 feet 5 - 10 feet 5 - 10 feet N/A	Sapling Sapling Sapling Sapling Sapling Sapling Size Sapling	2010: In Two-hearted management influence zones-see natural rivers plan. White pine and deciduous mix. Stands to the north were cut in Pine camp mix completed in 9/04. Many Beech have passed over due BBD, a few potentially resistant remain. 2020: this small stand was to be thinned as part of Pine Camp Mix (#01 02), but was part of a fire on 7/29/2004. No cutting occurred. Did not visit. Data taken from 2010.
65	622 - Low 4115 - Y.Birc Canopy Species Sugar Maple Red Maple Yellow Birch White Pine Hemlock 4115 - Y.Birc Canopy Species	vland Shrub h, Hemlock % Cover 10 50 5 10 25 ch, Hemlock % Cover	NH Po Size Class Log/Pole Pole/Log Pole/Sapling Pole/Sap/Log Log/Pole NH Po Size Class Log/Pole Pole/Log	Nonsta Detimb 10 10 6 9 12 Detimb	er Well 71 71 66 26 81 er Well	6.0 Sub-Car Sug Rei Yell E Wh He 9.5 Sub-Car Sug	71 ar Maple d Maple ow Birch Beech aite Pine emlock 71 nopy Species	<ul> <li>Density</li> <li>Low</li> <li>Low</li> <li>Low</li> <li>Low</li> <li>Low</li> <li>Medium</li> <li>Low</li> <li>Low</li> <li>81-110</li> <li>Density</li> </ul>	N/A <b>Avg. Height</b> < 5 feet 5 - 10 feet < 5 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A <b>Avg. Height</b>	Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	2010: In Two-hearted management influence zones-see natural rivers plan. White pine and deciduous mix. Stands to the north were cut in Pine camp mix completed in 9/04. Many Beech have passed over due BBD, a few potentially resistant remain. 2020: this small stand was to be thinned as part of Pine Camp Mix (#01 02), but was part of a fire on 7/29/2004. No cutting occurred. Did not visit. Data taken from 2010.
65	622 - Low 4115 - Y.Birc Canopy Species Sugar Maple Red Maple Yellow Birch White Pine Hemlock 4115 - Y.Birc Canopy Species Sugar Maple	Vland Shrub ch, Hemlock 70 Cover 10 50 5 10 25 ch, Hemlock 70 Cover 10	NH Po Size Class Log/Pole Pole/Log Pole/Sapling Pole/Sap/Log Log/Pole NH Po Size Class Log/Pole	Nonsta Detimb 10 10 6 9 12 Detimb DBH 10	er Well 71 71 66 26 81 er Well Age 71	6.0 Sub-Car Sug Rea Yell E Wh He 9.5 Sub-Car Sug Rea	71 ar Maple d Maple ow Birch Beech nite Pine emlock 71 nopy Species ar Maple	s Density Low Low Low Medium Low Low 81-110 s Density Low	N/A <b>Avg. Height</b> < 5 feet 5 - 10 feet < 5 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A <b>Avg. Height</b> < 5 feet	Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	2010: In Two-hearted management influence zones-see natural rivers plan. White pine and deciduous mix. Stands to the north were cut in Pine camp mix completed in 9/04. Many Beech have passed over due BBD, a few potentially resistant remain. 2020: this small stand was to be thinned as part of Pine Camp Mix (#01 02), but was part of a fire on 7/29/2004. No cutting occurred. Did not visit. Data taken from 2010.
65	622 - Low 4115 - Y.Birc Canopy Species Sugar Maple Red Maple Yellow Birch White Pine Hemlock 4115 - Y.Birc Canopy Species Sugar Maple Red Maple	vland Shrub ch, Hemlock % Cover 10 5 10 25 ch, Hemlock % Cover 10 5 10 25	NH Po Size Class Log/Pole Pole/Log Pole/Sapling Pole/Sap/Log Log/Pole NH Po Size Class Log/Pole Pole/Log	Nonsta Detimb 10 10 6 9 12 Detimb DBH 10 10 10 10 10 10 10 10 12	er Well 71 71 66 26 81 er Well <b>Age</b> 71 71	6.0 Sub-Car Sug Rea Yell B Wh He 9.5 Sub-Car Sug Rea Sug Rea	71 nopy Species ar Maple d Maple ow Birch Beech nite Pine emlock 71 nopy Species ar Maple d Maple	s Density Low Low Low Medium Low 81-110 s Density Low Low	N/A <b>Avg. Height</b> < 5 feet 5 - 10 feet < 5 feet 5 - 10 feet 5 - 10 feet N/A <b>Avg. Height</b> < 5 feet 5 - 10 feet	Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	2010: In Two-hearted management influence zones-see natural rivers plan. White pine and deciduous mix. Stands to the north were cut in Pine camp mix completed in 9/04. Many Beech have passed over due BBD, a few potentially resistant remain. 2020: this small stand was to be thinned as part of Pine Camp Mix (#01 02), but was part of a fire on 7/29/2004. No cutting occurred. Did not visit. Data taken from 2010.
65	622 - Low 4115 - Y.Birc Canopy Species Sugar Maple Red Maple Yellow Birch White Pine Hemlock 4115 - Y.Birc Canopy Species Sugar Maple Red Maple Yellow Birch	vland Shrub ch, Hemlock % Cover 10 5 10 25 	NH Po Size Class Log/Pole Pole/Log Pole/Sap/Log Log/Pole NH Po Size Class Log/Pole Pole/Log Pole/Sapling	Detimb           Detimb           10           10           10           10           10           10           110           110           110           110           110           110           110           110           110           110           110           110           110           110	er Well 71 71 66 26 81 er Well 71 71 66	6.0 Sub-Car Sug Rea Yell E Wh He 9.5 Sub-Car Sug Rea Yell	71 nopy Species ar Maple d Maple ow Birch Beech inte Pine emlock 71 nopy Species ar Maple d Maple ow Birch	s Density Low Low Medium Low Low 81-110 s Density Low Low Low	N/A <b>Avg. Height</b> < 5 feet < 5 feet < 5 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A <b>Avg. Height</b> < 5 feet < 5 feet < 5 feet < 5 feet	Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	2010: In Two-hearted management influence zones-see natural rivers plan. White pine and deciduous mix. Stands to the north were cut in Pine camp mix completed in 9/04. Many Beech have passed over due BBD, a few potentially resistant remain. 2020: this small stand was to be thinned as part of Pine Camp Mix (#01 02), but was part of a fire on 7/29/2004. No cutting occurred. Did not visit. Data taken from 2010.

#### Report 7 – Stands

Compartment: 35 Year of Entry: 2022

DNR

Stand	Level 4 Co	over Type		Size De	ensity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
67	42221 - Natural Deci	Jack Pine, duous	Mixed	Sapling I	Medium	45.6	25	Immature	N/A		This was harvested in the Jack Pine Vista Sale, completed in 1996. Jac Pine and aspen regeneration is thicker in the north, but filling in
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	elsewhere.
	Quaking Aspen	30	Sapling	3	25	Servicebe	erry (Juneberry	) Low	5 - 10 feet	Sapling	
	White Spruce	5	Sapling	3	25	Pir	n Cherry	Low	5 - 10 feet	Sapling	
	Jack Pine	60	Sapling	3	25						-
68	6225	- Bog		Nonsto	ocked	1.4	0		No		
69	4130 -	- Aspen		Sapling l	Medium	39.7	6	Immature	N/A		Cut in 2014 - Swainson's Jack Pine 420221201. TCR 12/4/14 Scarified
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	2015. Regen Check 2018 - 248 TPA JP - failed (numbers are for all 255 acres of the original sale). 6/2020 - divided original stand into 3 portions
	Quaking Aspen	60	Sapling	1	6	Ja	ick Pine	Low	< 5 feet	Seeding	This is the northern portion and is primarily aspen, with some areas fully
	Red Maple	20	Sapling	1				1	1		stocked (75 - 100% canopy closure). Stand type line is roughly drawn.
	Bigtooth Aspen	5	Sapling	1							
	White Pine	8	Log	16							
	White Pine	2	Sapling	2							
	Jack Pine	5	Sapling	1							
70	122 - Road	I/Parking L	ot	Nonsto	ocked	3.3	0		No		County Road 414
71	330 - Low-E	Density Tre	es	Nonst	ocked	66.9	0		4212 - Planted	Jack Pine	Cut in 2014 - Swainson's Jack Pine 420221201. TCR 12/4/14 Scarified
					Γ	Sub-Ca	nopy Species	Density	Avg. Height	Size	2015. Regen Check 2018 - 248 TPA JP - failed (numbers are for all 255 acres of the original sale). 6/2020 - divided original stand into 3 portions
						Quak	king Aspen	Medium	5 - 10 feet	Sapling	This is the middle portion and is primarily non-stocked, although there a
						Ja	ick Pine	Medium	< 5 feet	Seeding	a few areas stocked with seedling/saplings. Stand type line is roughly
						Wł	nite Pine	Low	10 - 20 feet	Sapling	drawn.
						Wł	nite Pine	Low	>20 feet	Log	
72	4133 - Aspe	n, Mixed P	line	Sapling l	Medium	95.1	6	Immature	N/A		2/26/16 - Stand was harvested sale #420231201 Harrier's Jack Pine.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Scarification completed in 2015. Regen survey summer 2017 (covering all 437 acres of original sale).
	Jack Pine	13	Sapling	1	6	Ja	ick Pine	Medium	< 5 feet	Seeding	Black Cherry 74 Trees/acre, Big toothed aspen 144 Trees/acre, Jack
	White Pine	2	Log	14				1			Pine 46 Trees/acre, Trembling aspen 301 Trees/acre, Red maple 397
	Red Pine	2	Log	14							Trees/acre, White Pine 69 Trees/acre, Beech 33 Trees/acre, Balsam Fil 16 Trees/acre, Red Pine 24 Trees/acre.
	White Pine	13	Sapling	3							6/2020: stand was split due to variable regeneration. This portion does
	Quaking Aspen	35	Sapling	1	6						not contain as much white pine as stand 51. It is a mosiac of aspen with
			0	4							jack pine. Some areas are heavier to jack pine (6" - 3.5' tall).
	Red Maple	10	Sapling	1							

# Report 7 – Stands



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Stand	Level 4 Co	over Type		Size Density		Acres Stand Age BA Rang			e	Managed S	lite	General Comments
73	4115 - Y.Birc	Sawtimber Well		ll 119.3	91	81-110	1	N/A		2010: This stand is one of the few hardwood areas in the compartment.		
	Canopy Species	% Cover	Size Class	D	BH Age	Sub-Ca	nopy Speci	ies Dens	sity	Avg. Height	Size	It is probably a better producer of hemlock and white pine than quality sugar maple. It has advanced BBD. Formerly beech, hemlock, white
	Red Maple	43	Log/Pole	1	3 91	Re	ed Maple	Medi	ium	>20 feet	Sapling	pine, yellow birch, red maple and sugar maple. The stand is variable is
	Yellow Birch	5	Log/Pole	1	1 85		Beech	Medi	ium	>20 feet	Sapling	composition and stocking.
	Beech	5	Log	1	2	Ba	alsam Fir	Medi	ium	Variable	Sapling	6/2020: cut in 1973-74 under #19-73A. Not a lot different overall than adjacent stand. Split for treatment purposes.
	White Pine	2	Log	1	6	F	lemlock	Lov	W	Variable	Sapling	
	Hemlock	30	Log/Pole	1	4 91			·				-
	Sugar Maple	10	Log/Pole	1	2							
	Balsam Fir	5	Pole	8	47							