

Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54092 Entry Year 2023 Acreage: 1,658 County Alpena Management Area: Alpena Lake Plain

Revision Date: 2021-05-20

Stand Examiner: Dale Parris

Legal Description:

T30N R08E Sections 20, 21, 28, and 29

Identified Planning Goals:

All harvests have been prescribed following the direction indicated in the Alpena Lake Plains Management Area (ALPMA) Plan and Timber Analysis. In all cases the unique characteristics of the individual stand was taken into consideration when writing the prescription. The most prevalent covertypes in the ALPMA for the 2023 Year of Entry (YOE) are the lowland deciduous, lowland aspen, upland aspen, and lowland coniferous covertypes. As such, for the purpose of balancing the age class acre distributions of these covertypes across the Management Area (MA), forest management during the 2023 YOE in the ALPMA will focus on these covertypes. Wildlife, recreation, aesthetics, adjacent stands and the larger landscape were considered in all management decisions.

Soil and topography:

The area west of Devils Lake is dominated by flat lowland coniferous swamp. A maze of, mostly narrow, upland ridges weave through this lowland area. The area east of Devils Lake is softly rolling beach dune ridges between the lake and Piper Road. East of Piper Road, Compartment 92 transitions into narrow, tightly spaced dune ridges and swale valleys. This is the Squaw Bay Wooded Dune and Swale Complex ERA.

Within Compartment 92, west of Devils Lake, the ridges/high ground soils are the Proper-Deford-Rousseau Complex (moderately well drained, very poorly drained, well drained respectively) and the Crowell-Proper fine sand (somewhat excessively well drained to moderately well drained). On the west side of Devils Lake, besides the maze of high ground ridges and pockets, more than 70 percent of the soils are muck type organic lowland soils with very poor drainage. The most prevalent of these are the very poorly drained Deford, Tawas, and Lupton mucks.

The east shoreline of Devils Lake for the first 100-400 feet is the moderately well drained Croswell sand. Extending from the edge of the Croswell sand to the west side of Piper Road is the excessively well drained Grayling sand. Within Compartment 92, Piper Road sits on a narrow strip of the somewhat poorly drained Au Gres sand. The dune swale complex soils east of Piper road are composed of the Tawas-Au Gres Complex. The very poorly drained Tawas muck is in the narrow swales and Au Gres sand composes the ridges.

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

Compartment 92 Is surrounded by more state land to the north, west and east. The east side of the compartment is bordered by larger parcel recreational properties. Compartment 92 surrounds the central region of Devils Lake and is just a couple miles south of the City of Alpena.

Unique Natural Features:

The Squaw Bay Wooded Dune and Swale Complex ERA makes up just shy of 200 acres on the eastern edge of Compartment 92. The complex is composed of alternating narrow ridges and swales that run parallel to the edge of Lake Huron and are a direct result of Lake Huron's historically receding shoreline. The area directly east of Devils Lake is characterized by gently rolling upland beach dune ridges. The west side of Devils Lake is mainly large altering pockets of lowland deciduous, lowland mixed, and lowland cedar forest. The ridges within these lowland forests are a looser less defined result of Lake Hurons eastward moving shoreline, as is Devils Lake.

Archeological, Historical, and Cultural Features:

The State Historic Preservation Office (SHPO) did have areas of concern within Compartment 92. For further information, contact the SHPO.

Special Management Designations or Considerations:

The Michigan Natural Features Inventory (MNFI) at the Michigan State University Extension website had record of 5 species historically being in and near Compartment 92 that require consideration when implementing forest management strategies. These species are the Red-shouldered hawk (Buteo lineatus; state threatened species), Bald eagle (Haliaeetus leucocephalus; state special concerns species), Blanding turtle (Emydoidea blandingii, , state special

concerns species), and Douglas's Hawthorn (Crataegus douglasii, state special concerns species).

The Natural Heritage Database (NHD) has record of the Squaw Bay Wooded Dune and Swale Complex Ecological Reference Area (ERA) spanning 196 acres of the eastern most region of Compartment 92.

The NHD had no record of Special Conservation Area (SCA) or High Conservation Value Area occurrences in Compartment 85.

Watershed and Fisheries Considerations:

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions

The nearest active sand/gravel pit is just under two miles to the west. The compartment consists mostly of lowlands that appear to be dominated by wetlands. Sand & gravel potential in the compartment seems limited. There is no known potential for hydrocarbon production from proven formations, and there are no active State mineral leases in the compartment. While there is active leasing and Antrim Shale gas production just two miles west, the Antrim Shale is likely too thin or absent beneath the compartment. There is no known metallic mineral potential in this part of the state.

Vehicle Access:

On its west side, Compartment 92 is accessible from Devils Lake Trail that can be access via Werth and Spruce Roads. The east side of Compartment 92 can be accessed via Piper Road and forest roads.

Survey Needs:

For the purpose of conducting timber sales and maintaining legal private/state land boundary posting locations, there may be a need for property line surveys within Compartment 92. Further investigation will be needed to determine the extent to which these surveys are required.

Recreational Facilities and Opportunities:

Rabbit/Hare, grouse, whitetail deer, duck, geese, squirrel, and bear hunting opportunities are available within Compartment 92 in season with a valid license. Fishing and wildlife viewing opportunities are also present. All regulations set forth by the Michigan Department of Natural Resources are to be adhered to by hunters and anglers.

On the west side of Devils Lake, snowmobiling opportunities exist on the Devils Lake Trail which is part of a greater trail system. On the east side of Devils Lake, a small isolated ORV trail system is present.

Fire Protection:

In the case of a wildland fire, response to Compartment 92 will be covered by the Alpena DNR office as well as the Alpena Fire Department.

Additional Compartment Information:

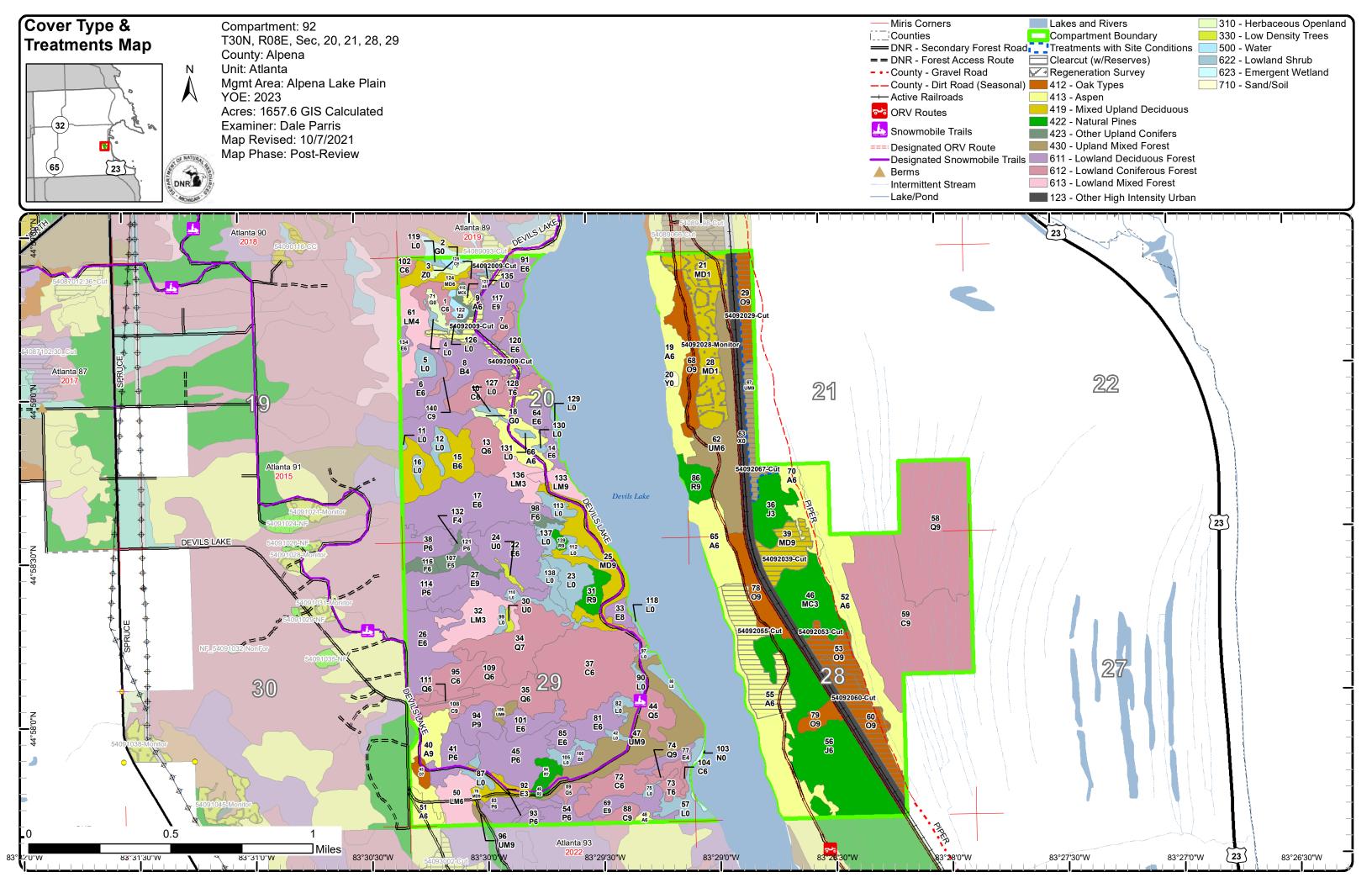
The following reports from the Inventory are attached:

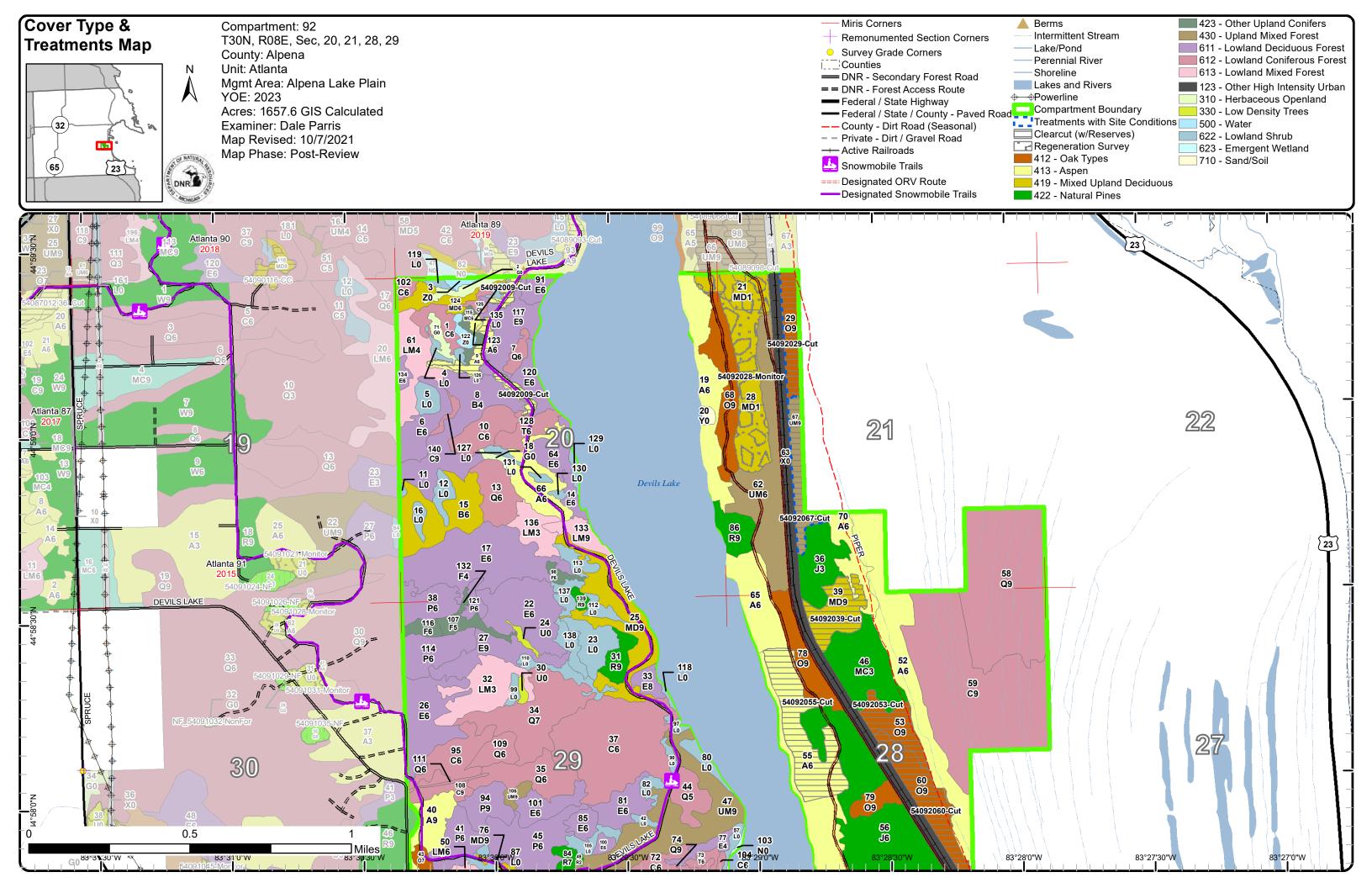
Total Acres by Cover Type and Age Class Cover Type by Harvest Method Proposed Treatments – No Limiting Factors Proposed Treatments – With Limiting Factors Stand Details (Forested and Nonforested) Dedicated and Proposed Special Conservation Areas Site Condition Details

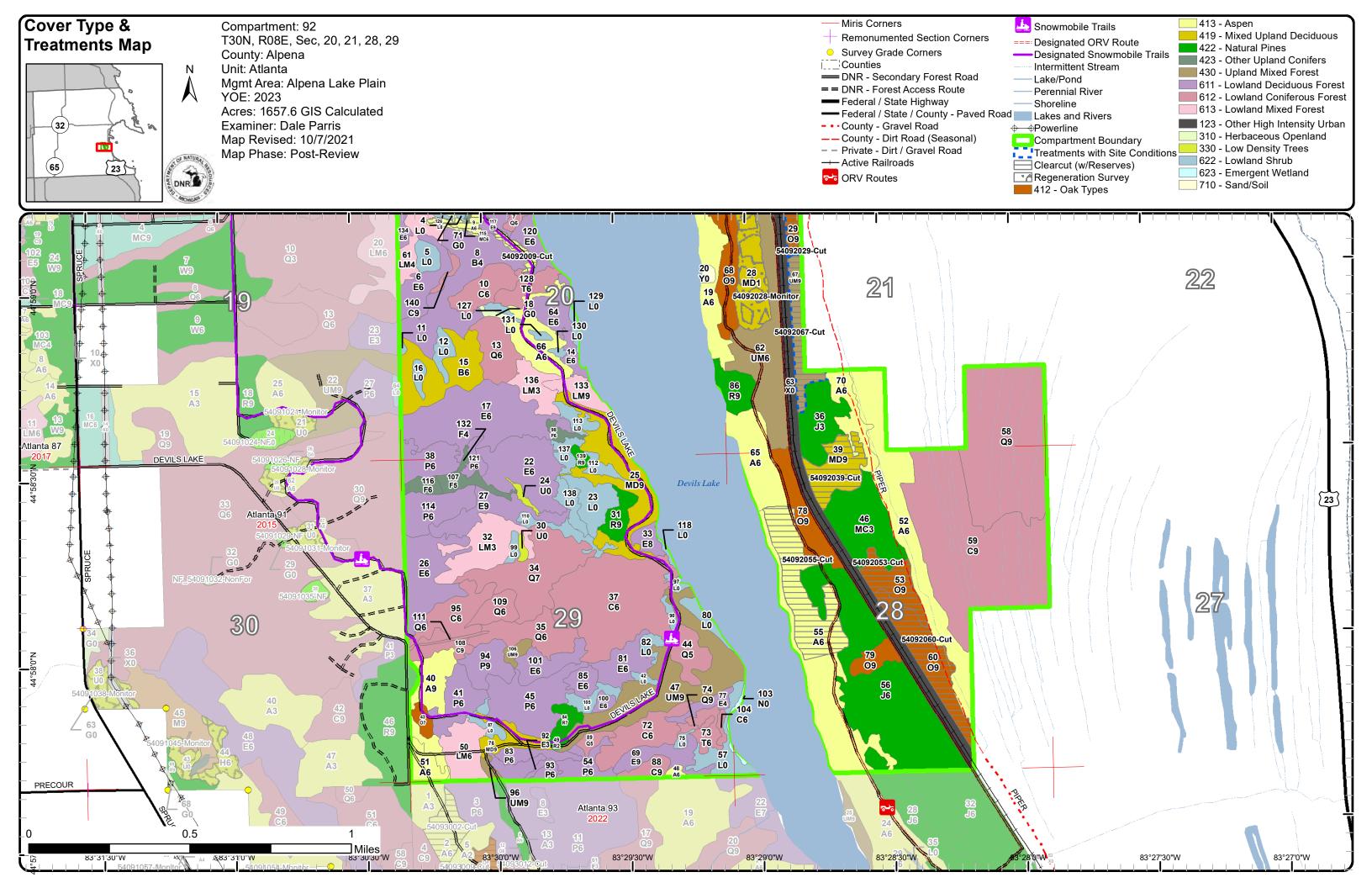
The following information is displayed, where pertinent, on the attached compartment maps: Base feature information, stand boundaries, cover types, and numbers

Proposed treatments Site condition boundaries

Details on the road access system







Stand Boundary Miris Corners Compartment: 92 **Remonumented Section Corners** T30N, R08E, Sec, 20, 21, 28, 29 Map Survey Grade Corners County: Alpena Counties Unit: Atlanta Ν DNR - Secondary Forest Road Mgmt Area: Alpena Lake Plain = = DNR - Forest Access Route YÕE: 2023 Federal / State Highway Acres: 1657.6 GIS Calculated Federal / State / County - Paved Road Examiner: Dale Parris -- County - Dirt Road (Seasonal) - - Private - Dirt / Gravel Road Map Revised: 10/7/2021 ---- Active Railroads Map Phase: Post-Review Snowmobile Trails (65) 23 (DNR ===: Designated ORV Route ----Designated Snowmobile Trails 6123-03 C9 MC9 W9 8 Q6

15 A3 19 Q9 DEVILS LAKE 09 30

> 1]Mile

9 W6

0.5

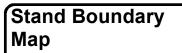
21Devils Lake -0 14 6113-E9 113 622-L0 97 622-L0 80 622-L0

A Berms Intermittent Stream Lake/Pond Perennial River _ Shoreline Lakes and Rivers Compartment Boundary Stand Boundaries 412 - Oak Types 413 - Aspen 419 - Mixed Upland Deciduous 422 - Natural Pines 423 - Other Upland Conifers

430 - Upland Mixed Forest

- 611 Lowland Deciduous Forest 612 - Lowland Coniferous Forest
- 613 Lowland Mixed Forest
- 123 Other High Intensity Urban 310 Herbaceous Openland 330 Low Density Trees

- 500 Water
- 622 Lowland Shrub 623 - Emergent Wetland
- 710 Sand/Soil



23

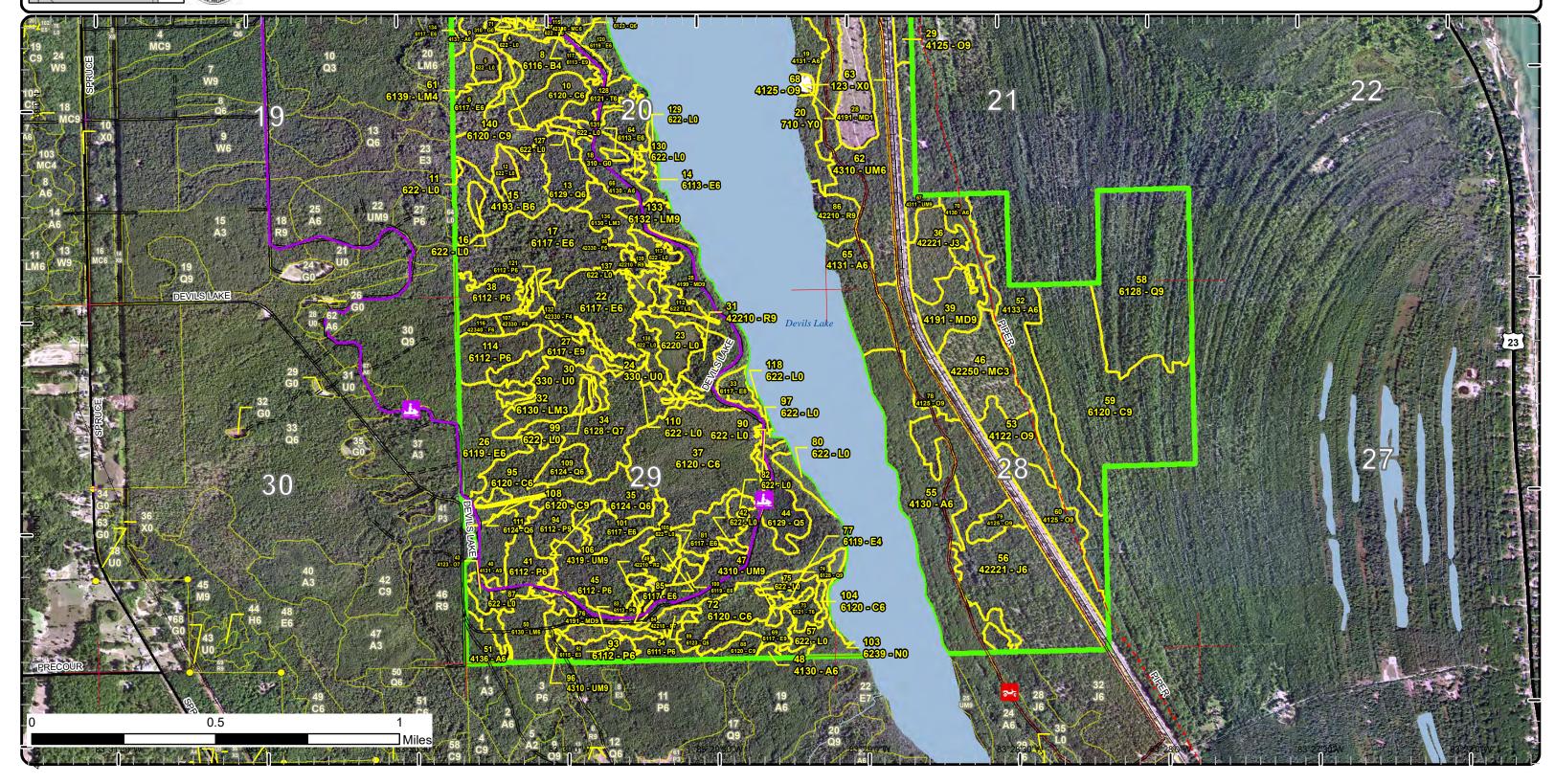
(65)

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DNR

Compartment: 92 T30N, R08E, Sec, 20, 21, 28, 29 County: Alpena Unit: Atlanta Mgmt Area: Alpena Lake Plain YOE: 2023 Acres: 1657.6 GIS Calculated Examiner: Dale Parris Map Revised: 10/7/2021 Map Phase: Post-Review



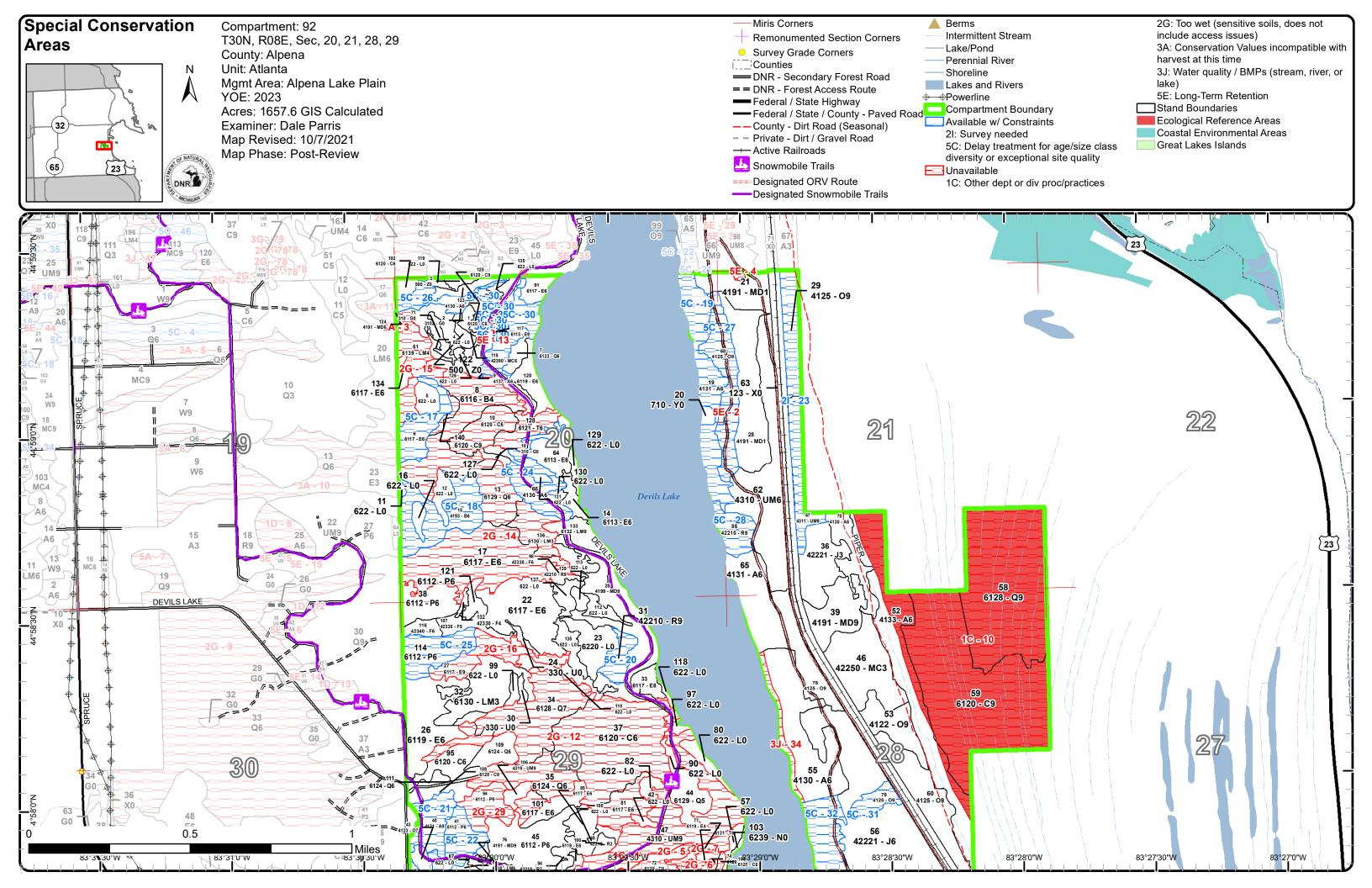


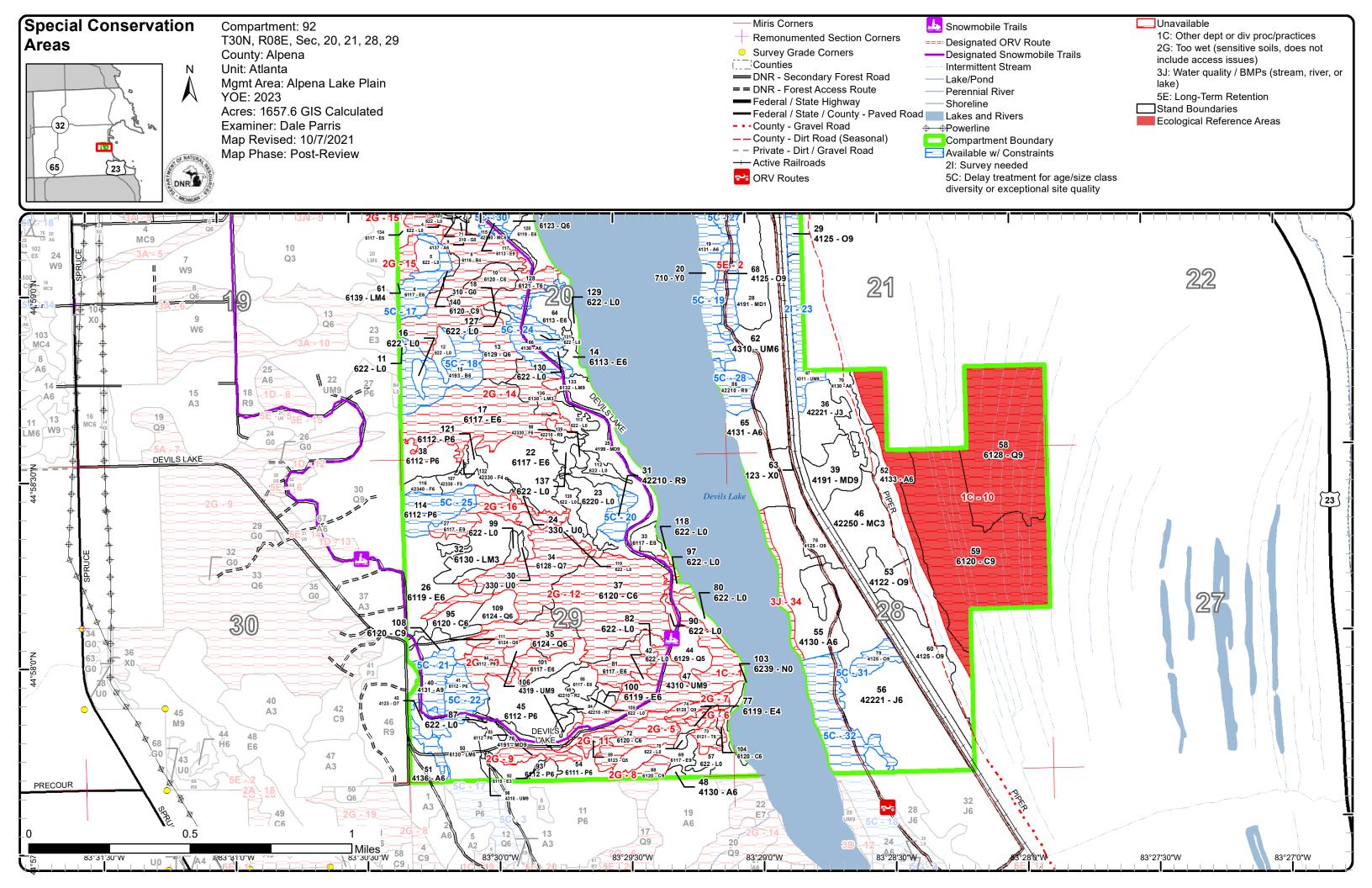
- Snowmobile Trails ===: Designated ORV Route ---- Designated Snowmobile Trails Intermittent Stream ----- Perennial River Shoreline ⊕ ⊕Powerline Compartment Boundary Stand Boundaries 412 - Oak Types 413 - Aspen 419 - Mixed Upland Deciduous
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 - 611 Lowland Deciduous Forest
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 - 330 Low Density Trees622 Lowland Shrub

 - 623 Emergent Wetland
 - 710 Sand/Soil





Report 1 – Total Acres by Cover Type and Age Class

Atlanta Mgt. Unit

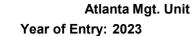
Dale Parris : Examiner



Age Class

			» /	81 - 22 - 25	\$7	3		3/8	8 . R	R. 2		8	an la	\$2, ZZ	æ /	673 yr	No. No.	JT JTON	AND LOO
•	<u> </u>	<u> </u>	\square						\square					<u> </u>	/				
Aspen	0	0	0	18	50	23	126	16	0	0	0	0	0	0	0	0	0	0	233
Cedar	0	0	0	0	0	0	0	0	14	3	0	0	28	118	0	0	57	0	219
Herbaceous Openland	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Jack Pine	0	0	0	17	0	76	0	0	0	0	0	0	0	0	0	0	0	0	93
Low-Density Trees	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Lowland Aspen/Balsam Poplar	0	0	0	0	48	11	37	0	0	0	0	0	0	0	0	0	0	0	96
Lowland Conifers	0	0	0	0	0	14	3	0	23	0	13	0	33	77	0	0	0	0	161
Lowland Deciduous	0	1	0	0	0	17	67	8	41	45	4	0	0	0	0	0	0	26	208
Lowland Mixed Forest	0	0	0	0	20	10	0	13	16	0	0	0	0	7	0	0	0	0	66
Lowland Shrub	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	86
Marsh	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Mixed Upland Deciduous	0	41	0	0	0	31	0	0	8	0	0	16	0	0	0	0	0	8	104
Natural Mixed Pines	0	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27
Oak	0	0	0	0	0	0	0	0	0	0	13	64	0	0	0	0	0	14	91
Paper Birch	0	0	0	0	0	0	0	0	32	0	23	0	0	0	0	0	0	0	55
Red Pine	0	0	3	0	0	0	0	0	0	13	0	8	0	0	0	0	0	0	23
Sand, Soil	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Tamarack	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	14
Upland Conifers	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3
Upland Mixed Forest	0	0	0	0	0	39	0	0	12	46	0	0	0	0	0	0	0	3	100
Upland Spruce/Fir	0	0	0	0	0	10	0	2	0	0	0	0	0	0	0	0	0	0	12
Urban	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48
Water	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Total	153	42	30	35	118	231	247	42	146	107	53	88	61	202	0	0	57	51	1657

Acres of Harvest



Compartment 92 Total Compartment Acres: 1,658

Commercial Harvest - 93 Harvests with Site Condition - 25 Next Step Harvest - 0 Habitat Cut - 0

Cover Type by Harvest Method

			Constraint of the second secon	Contraction of the second	to of	and the second	idou io	in Constant	Reputer S	S. S	5 ⁴⁰ 1,80	, ^e
Aspen		43	0	0	0	0	0	0	0	0	43	
Mixed Upland Deciduous		16	0	0	0	0	0	0	0	0	16	
Oak		46	0	0	0	0	0	0	0	0	46	
Upland Mixed Forest		12	0	0	0	0	0	0	0	0	12	
	Total	118	0	0	0	0	0	0	0	0	118	

Proposed and Next Step Treatments by Method

		/.	E I I I I I I I I I I I I I I I I I I I	a la	No. Composition	and a start	in contraction of the second	Not	in the second second	300 - 20	0 / à	A A A A A A A A A A A A A A A A A A A
Current		118	0	0	0	0	0	41	0	0	159	
Next Step		0	0	0	0	0	0	118	0	0	118	
	Total	118	0	0	0	0	0	159	0	0	277	

S t		Atlant	a Mgt. Unit		Repo	rt 3	Treatments		Compartmen Year of Entry		DNR
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Ha
pose	ed Treatme	ents:									
29	54092029-C	ut 12.7 4	4125 - Black, N. Pin Oak	Sawtimbe Well	er 97	111- 140	Harvest	Clearcut	4122 - Oak, Pine	e Even-Aged	
<u>Pres</u> Spec		r-cut with ret	tention. Protect pine	e regenera	tion to p	promote fu	uture stand dive	rsity.			
	<u>Step</u> Mon tments:	toring, Natu	ral Regen (Re-Inver	ntory)							
Acce Rege		eptable rege	neration is any med	ium to well	stocked	d mix of o	ak, pine, and/or	aspen.			
<u>Othe</u>	<u>er</u> The		of the east property l bugh stripe here to b		own an	d would r	equire a survey.	It could be that th	nere are major tresp	oass issues o	r that tl
<u>Site</u>	Condition S	urvey Need	ed								
<u>Prop</u>	osed Start Da	<u>ite:</u> 10/1 /20	022								
39	54092039-C		4191 - Mixed Upland Deciduous with Conifer	Sawtimbe Well	er 102	81-110	Harvest	Clearcut with Retention	4122 - Oak, Pine	e Even-Aged	
	cription Clea	r-cut with re	tention.								
<u>Spec</u>		uire full tree	skidding to promote	pine reger	neration						
	<u>Step</u> Mon tments:	toring, Natu	ral Regen (Re-Inver	ntory)							
<u>Acce</u> <u>Rege</u>		eptable rege	neration is any med	ium to well	stocked	d stand of	foak, pine, and	aspen.			
<u>Othe</u> <u>Com</u>	er Con: Iment:	sider requirir	ng a winter harvest t	o enhance	oak reg	generatior	n from stump sp	routs.			
	<u>Condition</u>										
	osed Start Da										
	54092053-C		4122 - Oak, Pine	Sawtimbe Well	er 102	51-80	Harvest	Clearcut with Retention	4122 - Oak, Pine	e Even-Aged	
Pres Spec	<u>cription</u> Clea <u>cs:</u>										
	Prot	ect the spars	se white pine and re	d pine rege	eneratio	n to prom	ote future stand	l diversity.			
	<u>Step</u> Mon tments:	toring, Natu	ral Regen (Re-Inver	ntory)							
Rege	<u>en:</u>	eptable rege	neration is any med	ium to well	stocked	d stand of	foak and pine.				
<u>Othe</u> <u>Com</u>	e <u>r</u> Iment:										
Site (Condition										
Prop	osed Start Da	<u>ite:</u> 10/1 /20	022								

S t			Atlanta	Mgt. Unit		Repoi	rt3 ⁻	Treatments		Compartment Year of Entry		DNR DNR
a n d	Treatn Nan		Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
55	540920	55-Cut	32.3	4130 - Aspen	Poletimbe Well	er 52	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
Prese Spec		Clear-c	ut with rete	ntion.								
0000	<u></u>	Protect	the red pin	e regeneration.								
		Protect	remnant/le	gacy red pine.								
		Include	stand repre	esentative pocket	s along Dev	vils Lake	e in the re	tention.				
	<u>Step</u> tments:	Monitor	ing, Natura	l Regen (Re-Invei	ntory)							
<u>Acce</u> <u>Rege</u>	•	Accepta	able regene	eration would be a	ny medium	to well	stocked n	nix of aspen, pin	e, and/or oak.			
<u>Othe</u> Com	er ment:	Follow I	BMP's alon	g Devils Lake.								
<u></u>		The fish	eries biolo	gist has approved	the harves	t bound	aries as r	napped and app	roved through the	Compartment Rev	iew Process.	
		Maintai	n the divers	se edge along Dev	/ils Lake as	mappe	d out in th	ne treatment.				
Site 0	Conditio	<u>n</u>										
Prop	osed Sta	art Date:	10/1 /202	2								
60	540920	60-Cut	21.5 41	25 - Black, N. Pin Oak	Sawtimbe Well	er 103	1-50	Harvest	Clearcut with Retention	4122 - Oak, Pine	Even-Aged	No
Prese Spec		Clear-c	ut with rete	ntion.								
		Protect	the red pin	e and white pine r	regeneratio	n to proi	mote futu	re stand diversit	у.			
		Use the	2 in spec.									
	<u>Step</u> tments:	Monitor	ing, Natura	l Regen (Re-Inver	ntory)							
<u>Acce</u> Rege		Accepta	able regene	eration is any med	ium to well	stocked	l stand of	oak and pine.				
<u>Othe</u> Com	e <u>r</u> ment:	The sm	all diamete	r stunted jack pin	e are an ob	sticle to	harvestir	ng this stand.				
Site (Conditio	<u>n</u>										
Prop	osed Sta	art Date:	10/1 /202	22								
	540920			311 - Pine, Aspen Mix	Sawtimbe Well	er 70	51-80	Harvest	Clearcut with Retention	4133 - Aspen, Mixed Pine	Even-Aged	No
Prese Spec		Clear-c	ut with rete	ntion.								
	<u>Step</u> tments:	Monitor	ing, Natura	l Regen (Re-Invei	ntory)							
<u>Acce</u> <u>Reg</u> e		Accepta	able regene	eration is any med	ium to well	stocked	l mix of a	spen, pine, and/o	or oak.			
<u>Othe</u> Com	er ment:	It could	be that the	ere are major tresp	ass issues	or that	there is n	ot a wide enougl	h stripe here to bo	ther with.		
0011		The pla	cement of t	the east property	line is unkn	own and	d would re	equire a survey.				
Site (Conditio	<u>n</u> Surv	ey Needed	1								
Prop	osed Sta	art Date:	10/1 /202	22								

Approved Treatments:

 9
 54092009-Cut
 11.0
 4137 - Aspen, Birch Poletimber
 52
 51-80
 Harvest
 Clearcut with Retention
 413 - Aspen
 Even-Aged
 No

 Prescription Specs:
 Clear-cut with retention.
 Retain 3-10% of the stand in pockets and single trees.
 Specs:
 To promote future stand diversity and for aesthetic purposes along the snowmobile trail, do not cut any pine, cedar, or oak.
 Protect oak and

S t	Atlant	ta Mgt. Unit	F	lepoi	rt3 T	reatments		Compartment Year of Entry		DNR
a n Treatr d Nan		Stand CoverType	Size S Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habi Cu
	pine regen.									
	Place retention a	around the stream th	at is already	marke	ed out of t	he center of the	stand.			
	Require a shortv	vood operation to pro	otect the sen	sitive	sandy soil	s around Devils	Lake and to prote	ct the snowmobile	trail.	
	Include specs to	protect the snowmo	bile trail and	its us	ers.					
	Include specs fo	r protecting culverts	on forest roa	ads.						
	Include the spec	that requires grouse	e logs and bi	ush pi	iles for har	e.				
<u>Next Step</u> <u>Treatments:</u>	Monitoring, Natu	ıral Regen (Re-Inver	tory)							
<u>Acceptable</u> <u>Regen:</u>	Acceptable rege	neration is a mediun	n to well stoo	ked m	nix of aspe	n, paper birch,	red maple, pine, ba	alsam fir, and oak.		
<u>Other</u>	Consult with arcl	heology and the fish	eries divisior	n. Tak	ke into con	siderate the slo	pes down to Devils	Lake when putting	g in harvest b	oundari
<u>Comment:</u>	This treatment w	vas approved out of `	YOE with Co	mpart	ment 89.					
Site Conditic	n									
Proposed St	<u>art Date:</u> 10/1 /2	012								
<u>Specs:</u> <u>Next Step</u>	Perform a regen	eration check at the	next invento	ry.						
	Acceptable rege	n can be mix of pine	, oak and as	pen.						
<u>Regen:</u> Other										
-	Percent to Treat	= 100%								
Other Comment: Site Conditic		= 100%								
Comment: Site Conditic										
Comment: Site Conditic Proposed St 28 5409	<u>n</u>	020 4191 - Mixed Upland Deciduous	Sapling Poor	7	Immatu re	Monitoring	Natural Regen (Re-Inventory)	4131 - Aspen, Oak	Even-Aged	N
Comment: Site Conditic Proposed St 28 5409 Mor	n art Date: 10/1 /2 2028- 27.8 hitor	020 4191 - Mixed	Poor			Monitoring			Even-Aged	N
Comment: Site Conditic Proposed St 28 5409 Mor Prescription	n art Date: 10/1 /2 2028- 27.8 hitor	020 4191 - Mixed Upland Deciduous with Conifer	Poor			Monitoring			Even-Aged	N
Comment: Site Conditic Proposed St 28 5409 Mon Prescription Specs: Next Step Treatments:	n art Date: 10/1 /2 2028- 27.8 hitor Perform a regen	020 4191 - Mixed Upland Deciduous with Conifer	Poor next invento	ry.		Monitoring			Even-Aged	N
Comment: Site Conditic Proposed St 28 5409 Mon Prescription Specs: Next Step Treatments: Acceptable	n art Date: 10/1 /2 2028- 27.8 hitor Perform a regen	020 4191 - Mixed Upland Deciduous with Conifer eration check at the eration check at the	Poor next invento	ry.		Monitoring			Even-Aged	N
Comment: Site Condition Proposed St 28 5409 Mon Prescription Specs: Next Step Treatments: Acceptable Regen: Other	n art Date: 10/1 /2 2028- 27.8 hitor Perform a regen Acceptable rege Percent to Treat	020 4191 - Mixed Upland Deciduous with Conifer eration check at the eration check at the	Poor next invento	ry.		Monitoring			Even-Aged	N

Total Treatment Acreage Proposed: 158.6

Dale Parris : Examiner

Compartment: 92 Year of Entry: 2023

Availability for Management

Total	Acres	Acres Avail	Acres	D	omina	nt Site	Con	dition	s		
Acres	Available	With Condition	Not Available		21	5C	1C	2G	3A	ЗJ	5E
233	114	91	28	Aspen		91	22			6	0
219	27	0	193	Cedar			96	96			
8	8	0	0	Herbaceous Openland							
93	93	0	0	Jack Pine							
2	2	0	0	Low-Density Trees							
96	54	26	15	Lowland Aspen/Balsam Poplar		26		15			
162	24	0	139	Lowland Conifers			76	62			
209	105	27	77	Lowland Deciduous		27		76			1
65	40	0	25	Lowland Mixed Forest				25	0		
86	86	0	0	Lowland Shrub							
2	2	0	0	Marsh							
103	95	8	1	Mixed Upland Deciduous		8					1
27	27	0	0	Natural Mixed Pines							
91	51	39	1	Oak	13	26					1
55	0	23	32	Paper Birch		23		32			
23	7	16	0	Red Pine		16					
2	2	0	0	Sand, Soil							
14	0	0	14	Tamarack				14			
3	3	0	0	Upland Conifers							
101	44	12	44	Upland Mixed Forest	12		44				
12	12	0	0	Upland Spruce/Fir							
48	48	0	0	Urban							
4	4	0	0	Water							
1,658	847	243	568	Total Forested Acres	25	218	239	321	0	6	3
	51%	15%	34%	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.

1 Unavailable 1C: Other dept or div 44 Unspecified Unspecified Unspecified Unspecified Unspecified	
procipidences	fied Unspecified
Comments:	

Report 4 – Site Conditions

Compartment: 92

Dale Parris : Examiner

Atlanta Mgt. Unit

Year of Entry: 2023

2	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: This is long term re	tention from Timber Sale No. 5	4-024-	13-01.			
3	Unavailable	3A: Conservation Values incompatible with harvest at this time	0	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
	Comments: Devils Lake Block I	Plan					
4	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: This is long term re	tention from Timber Sale No. 5	4-024-	13-01.			
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	15	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	5D: Unproductive Forest Land	Unspecified	Unspecified	Unspecified
	Comments:						
	2021 1-26-21 PM - Page						SWARTZ

	Δ	tlanta Mgt. Unit		Report 4 – Site Cor	nditions	Compartment: 92	
		Parris : Examiner				Year of Entry: 202	
3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
)	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
0	Unavailable	1C: Other dept or div proc/practices	194	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Squaw Bay Woode	d Dune and Swale Complex EF	RA				
1	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	122	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
3	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: This is long tern ret	tention for Timber Sale No.:54-()22-19; Sa	ale Name: Devils Ridge I	Mix		

	Atlanta Mgt. Unit Dale Parris : Examiner			Report 4 – Site Cor	nditions	Compartment: 92 Year of Entry: 2023			
14	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	119	Unspecified	Unspecified	Unspecified	Unspecified		
(Comments:								
15	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	16	Unspecified	Unspecified	Unspecified	Unspecified		
(Comments:								
16	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	Unspecified	Unspecified	Unspecified	Unspecified		
(Comments:								
17	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified		
(Comments:								
18	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	23	Unspecified	Unspecified	Unspecified	Unspecified		
(Comments:								

		Atlanta Mgt. Unit Parris : Examiner		Report 4 – Site Co	nditions	Compartment: 92 Year of Entry: 202	
19	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	30	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						
20	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						
21	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	16	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						
22	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	12	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						
23	Available	2I: Survey needed	25	Unspecified	Unspecified	Unspecified	Unspecified
	comments: nvestigation on th	ne ground has determined that a	survey of	property corners will be	needed for conducting a ha	vest.	
24	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	16	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						

		Atlanta Mgt. Unit Parris : Examiner		Report 4 – Site Cor	nditions	Compartment: 92 Year of Entry: 202	
25	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	14	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
26	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	8	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						
27	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	20	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
28	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
29	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
<i>(</i>	comments:						

		Atlanta Mgt. Unit Parris : Examiner		Report 4 – Site Cor	nditions	Compartment: 92 Year of Entry: 2023		
30	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	16	Unspecified	Unspecified	Unspecified	Unspecified	
С	omments:							
31	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified	
С	comments:							
32	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	29	Unspecified	Unspecified	Unspecified	Unspecified	
С	omments:							
34	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	6	Unspecified	Unspecified	Unspecified	Unspecified	
С	omments:							



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

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

SCA Name SCA Category Detail Type Recommendation Acres

Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

Conservatio Area	on Type	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of identified as Element Occurrences (EOs) by the Michigan Natur- 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 managed for restoration and maintenance of natural ecological submit recommendations for lands as ERAs using the DNR Com	al Features Inventory (MNFI) within the th Occurrences with viability ranks of A arity) ranking of endangered (1), y may be located upon any ownership in of natural community types that are processes and values. The public may

Report 7 – Stands



OF NATURAL PRODUCT
CHIGH

stand	d Level 4 Co	Cover Type		Size De	ensity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
1	6120 - Lov	vland Ceda	ır F	Poletimb	er Well	6.4	125	1-50	N/A		This stand has areas in the central region that could be harvested.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Paper Birch	10	Pole	6		Ва	lsam Fir	Low	Variable	Sapling	
	Balsam Fir	5	Pole/Sapling	6		Ta	ig Alder	Medium	5 - 10 feet	Tall Shrub	
	Black Spruce	15	Pole/Log	8				·		·	
No	orthern White Cedar	70	Pole/Log	8	125						
2	3102	3102 - Grass		Nonstocked		3.9			No		
3	500 - Water Nonstocked		ocked	1.6			No		This is water with a mixture of swamp grasses. Lowland shrub lines th edges.		
4	622 - Low	land Shrub)	Nonsto	ocked	1.4	I	mmature	No		This is a lowland shrub stand that is slowly being grown over by cedar, black spruce, and tamarack.
5	622 - Lowland Shrub Nonstocked		ocked	4.1 No							
6		wland Deciduous, Mixed P Coniferous		xed Poletimber Wel				81-110 N/A		The paper birch are dying out of the stand. The red maple are mostly poor quality. There are some wet pockets blocking off the west edge of the stand of the west edge of the stand of the	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	the stand at the compartment line, but there is a path around the wet pockets to the north and south as you had east into the stand.
	Red Pine	10	XLog/Log	19		Ba	Isam Fir	Low	Variable	Sapling	
	Paper Birch	34	Pole/Log	8	80	R	ed Pine	Low	Variable	Sapling	-
	Red Maple	30	Log	13		Wł	nite Pine	Low	Variable	Sapling	-
	Balsam Fir	15	Pole	7							
Bla	ck/Red (Hybrid) Oak	1	Log	12							
7	6123 - Lo	owland Fir	F	Poletimb	er Well	3.4	3.4 48		N/A		This stand has wet pockets that likely have a reasonably strong base.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	The stand would need to be harvested in dry summer.
	Red Maple	25	Pole	7	67		lsam Fir	High	Variable	Sapling	
	Paper Birch	15	Pole	6		Glossy	/ Buckthorn	Low	5 - 10 feet	Tall Shrub	
	Balsam Fir	60	Pole/Sapling	5	48	Ta	ig Alder	Low	5 - 10 feet	Tall Shrub	
	6116 - Lowland Birch		<u></u> ד	Poletimb	er Poor	31.7	70	1-50	N/A		For all intensive management purposes, this is lowland shrub. There a
8	0110-20				I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	scattered trees throughout. The stand is full of standing and flowing water.
8	Canopy Species	% Cover	Size Class	DBF	i Age						
8		% Cover 60	Size Class Pole/Log	DB F 8	70		/ Buckthorn	High	5 - 10 feet	Tall Shrub	
8	Canopy Species				-	Gloss		High High	5 - 10 feet 5 - 10 feet	Tall Shrub Tall Shrub	

Report 7 – Stands



NR

Stand	d Level 4 Cover Type 4137 - Aspen, Birch			Size Density Poletimber Well		Acres Stand Age BA Range			Managed S	Site	General Comments	
9			ı			13.1	52	51-80	N/A			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Red Maple	20	Log/Pole	11		Ba	lsam Fir	High	< 5 feet	Sapling		
	Red Oak	10	Log	16					1			
	Paper Birch	30	Pole/Log	8								
	Bigtooth Aspen	40	Log/Pole	10	52							
10	6120 - Lov	wland Ceda	ar	Poletimb	er Well	11.2	125	171-200	N/A		There is standing water throughout. The cedar is growing on clumps of ground. This stand is too wet to harvest.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
No	orthern White Cedar	100	Pole	7	125	Gloss	/ Buckthorn	Low	5 - 10 feet	Tall Shrub		
						Ba	lsam Fir	Low	10 - 20 feet	Sapling		
						Ta	ıg Alder	Low	5 - 10 feet	Tall Shrub		
11	622 - Lov	vland Shrul	b	Nonsto	ocked	0.5			No			
12	622 - Lov	vland Shrul	b	Nonsto	ocked	4.0			No			
13	6129 - Mixed Conif					13.2	95	51-80	N/A		Aerial imagery reveals a large cedar dominated stripe through the center of the stand and tamarack dominated areas along the outside edges.	
	Canopy Species		Size Class		Age	Sub-Canopy Species Density		Avg. Height Size		This stand is too wet to harvest. There is standing and flowing water		
N.L.	Black Spruce	10	Pole	6	05		ig Alder	High	< 5 feet	Tall Shrub	throughout.	
INC	orthern White Cedar	45	Pole	8	95		/ Buckthorn Isam Fir	High	5 - 10 feet	Tall Shrub		
	Tamarack Balsam Fir	30 5	Pole/Log Pole	8		Da		Low	Variable	Sapling		
	Paper Birch	5	Pole	7								
	Red Maple	5	Log/Pole	11								
14	6113 - Lo	wland Mapl	le	Poletimb	er Well	3.8	70	51-80	N/A		The stand has very much soil. This stand is too at the harvest.	
-	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Red Maple	60	Pole	7	70		Isam Fir	Low	Variable	Sapling		
	Paper Birch	40	Pole/Log	8		Gloss	/ Buckthorn	Full	5 - 10 feet	Tall Shrub		
15		irch, Asper	1	Poletimb	er Well	23.3	90	81-110	N/A		Access to the stand is made difficult by the lowland shrub pocket that runs along It's western edge. Access to the western third of the stand is	
	Canopy Species		Size Class		Age		nopy Species		Avg. Height	Size	from the west at the northwest corner; north of the lowland shrub pocket	
	Bigtooth Aspen	35	Log	13	90	Ba	lsam Fir	Medium	Variable	Sapling	in the adjacent compartment, through a very mucky lowland deciduous	
	Balsam Fir	15	Pole	8		Japane	ese Barberry	Low	5 - 10 feet	Tall Shrub	area. Access to the central region of the stand is from the west along the northern edge, north of the lowland shrub pocket. Access to the eastern	
	Paper Birch	25	Pole	8							part of the stand is from the west through a 50-foot wide north-south	
	Red Maple	25	Log/Pole	12							running drainage located at the southern edge of the stand. There is trace oak in the stand. There are two upland herbaceous pockets with low density trees on the east sides of the large lowland shrub pockets. There is a 3 acre lowland deciduous pocket dominated by red maple an	

	A	Atlanta Mgt. Unit					Repo	ort 7 – Sta	Inds		Compartment: 92 Year of Entry: 2023		
Stand	Level 4 Co	over Type	:	Size D	ensity	Acres	Stand Age B	A Range	Managed S	Site	General Comments		
16	622 - Low	622 - Lowland Shrub		Nonstocked		2.2			No				
17	6117 - Lowland I Conif	Deciduous, ferous	Mixed F	Poletim	ber Wel	43.5	55	1-50	N/A		This stand is too wet too harvest. Mucky soils are present throughout.		
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size			
	Red Maple	20	Log/Pole	11	-	Та	ag Alder	Full	5 - 10 feet	Tall Shrub			
	Paper Birch	30	Pole/Log	8	55	Ba	alsam Fir	Low	Variable	Sapling			
	Balsam Poplar	20	Log/Pole	11		Gloss	y Buckthorn	Low	5 - 10 feet	Tall Shrub			
	Balsam Fir	15	Pole/Sapling	6							1		
	Black Spruce	10	Pole	6									
	Tamarack	5	Log/Pole	10									
18	310 - Herbace	eous Open	land	Nonst	ocked	1.3	I	mmature	No				
18 19		eous Open spen, Oak			ocked ber Wel		l 55	mmature 81-110	No N/A		The harvest of this stand was completed in December of 1965 as Timbe		
19		spen, Oak % Cover	F Size Class	Poletim	ber Wel H Age	30.3 Sub-Ca	55 Inopy Species		N/A Avg. Height	Size	Sale Permit 84-65. All aspen, paper birch, and red maple were harvested. No harvesting was allowed within a paint line established 75		
19	4131 - As Canopy Species Bigtooth Aspen	spen, Oak % Cover 60	F Size Class Pole	Poletim DB	ber Well H Age 55	30.3 Sub-Ca	55 Inopy Species hite Pine	81-110 Density Medium	N/A Avg. Height 5 - 10 feet	Sapling	Sale Permit 84-65. All aspen, paper birch, and red maple were harvested. No harvesting was allowed within a paint line established 75 100 feet from Devils Lake. The age of the aspen matches the cut		
19	4131 - As Canopy Species Bigtooth Aspen ck/Red (Hybrid) Oak	spen, Oak % Cover 60 25	F Size Class Pole Log	Poletim DB 9 13	ber Well H Age 55 105	30.3 Sub-Ca	55 Inopy Species	81-110 Density	N/A Avg. Height		Sale Permit 84-65. All aspen, paper birch, and red maple were harvested. No harvesting was allowed within a paint line established 75 100 feet from Devils Lake. The age of the aspen matches the cut record. The structure of the canopy indicates that all oak and pine were		
19	4131 - As Canopy Species Bigtooth Aspen	spen, Oak % Cover 60	F Size Class Pole	Poletim DB	ber Well H Age 55 105	30.3 Sub-Ca	55 Inopy Species hite Pine	81-110 Density Medium	N/A Avg. Height 5 - 10 feet	Sapling	Sale Permit 84-65. All aspen, paper birch, and red maple were harvested. No harvesting was allowed within a paint line established 75 100 feet from Devils Lake. The age of the aspen matches the cut		
19	4131 - As Canopy Species Bigtooth Aspen ck/Red (Hybrid) Oak Red Pine	spen, Oak % Cover 60 25	F Size Class Pole Log	Poletim DB 9 13 13	ber Well H Age 55 105	30.3 Sub-Ca	55 Inopy Species hite Pine	81-110 Density Medium	N/A Avg. Height 5 - 10 feet	Sapling	Sale Permit 84-65. All aspen, paper birch, and red maple were harvested. No harvesting was allowed within a paint line established 75- 100 feet from Devils Lake. The age of the aspen matches the cut record. The structure of the canopy indicates that all oak and pine were retained during the 1965 harvest. The aspen had plenty of room to grow and are healthy. The white pine in the under story is heaviest to the nor		
19 Blac	4131 - As Canopy Species Bigtooth Aspen ck/Red (Hybrid) Oak Red Pine 710 - Sa 4191 - Mixed Upla	spen, Oak % Cover 60 25 15 and, Soil	F Size Class Pole Log Log	Poletim DB 9 13 13	ber Well Age 55 105 ocked	I 30.3 Sub-Ca Wi R	55 anopy Species hite Pine led Pine	81-110 Density Medium	N/A Avg. Height 5 - 10 feet Variable	Sapling	Sale Permit 84-65. All aspen, paper birch, and red maple were harvested. No harvesting was allowed within a paint line established 75- 100 feet from Devils Lake. The age of the aspen matches the cut record. The structure of the canopy indicates that all oak and pine were retained during the 1965 harvest. The aspen had plenty of room to grow and are healthy. The white pine in the under story is heaviest to the nor and the red pine is found in a more open understory to the south. This area is all sand. Attempts made to block off the east end of the stand with rocks to keep off-road traffic out have failed. The water's edg		
19 Blac 20 21	4131 - As Canopy Species Bigtooth Aspen ck/Red (Hybrid) Oak Red Pine 710 - Sa 4191 - Mixed Upla	spen, Oak % Cover 60 25 15 and, Soil nd Decidue nifer	F Size Class Pole Log Log	Poletim DB 9 13 13 Nonst Saplin	ber Well Age 55 105 ocked	1 30.3 Sub-Ca WI R 1.9 13.3	55 anopy Species hite Pine led Pine	81-110 Density Medium Low	N/A Avg. Height 5 - 10 feet Variable No	Sapling	Sale Permit 84-65. All aspen, paper birch, and red maple were harvested. No harvesting was allowed within a paint line established 75- 100 feet from Devils Lake. The age of the aspen matches the cut record. The structure of the canopy indicates that all oak and pine were retained during the 1965 harvest. The aspen had plenty of room to grow and are healthy. The white pine in the under story is heaviest to the nor and the red pine is found in a more open understory to the south. This area is all sand. Attempts made to block off the east end of the stand with rocks to keep off-road traffic out have failed. The water's edg		
19 Blac 20 21	4131 - As Canopy Species Bigtooth Aspen ck/Red (Hybrid) Oak Red Pine 710 - Sa 4191 - Mixed Upla Cor	spen, Oak % Cover 60 25 15 and, Soil nd Decidue nifer	Fole Pole Log Log	Poletim DB 9 13 13 Nonst Saplin	ber Well Age 55 105 00cked g Poor	1 30.3 Sub-Ca WI R 1.9 13.3 Sub-Ca	55 hite Pine ted Pine	81-110 Density Medium Low mmature	N/A Avg. Height 5 - 10 feet Variable No N/A Avg. Height	Sapling Sapling	Sale Permit 84-65. All aspen, paper birch, and red maple were harvested. No harvesting was allowed within a paint line established 75- 100 feet from Devils Lake. The age of the aspen matches the cut record. The structure of the canopy indicates that all oak and pine were retained during the 1965 harvest. The aspen had plenty of room to grow and are healthy. The white pine in the under story is heaviest to the nor and the red pine is found in a more open understory to the south. This area is all sand. Attempts made to block off the east end of the stand with rocks to keep off-road traffic out have failed. The water's edg at Devils Lake is blocked off by a line of large limestone rocks.		
19 Blac 20 21 Blac	4131 - As Canopy Species Bigtooth Aspen ck/Red (Hybrid) Oak Red Pine 710 - Sa 4191 - Mixed Upla Cor Canopy Species	spen, Oak % Cover 60 25 15 and, Soil nd Decidue nifer % Cover	Fole Pole Log Log ous with	Poletim DB 9 13 13 Nonst Saplin DB	ber Well H Age 55 105 00cked g Poor H Age	1 30.3 Sub-Ca WI R 1.9 13.3 Sub-Ca	55 hite Pine ted Pine 7 I	81-110 Density Medium Low	N/A Avg. Height 5 - 10 feet Variable No N/A Avg. Height	Sapling Sapling Size	Sale Permit 84-65. All aspen, paper birch, and red maple were harvested. No harvesting was allowed within a paint line established 75- 100 feet from Devils Lake. The age of the aspen matches the cut record. The structure of the canopy indicates that all oak and pine were retained during the 1965 harvest. The aspen had plenty of room to grow and are healthy. The white pine in the under story is heaviest to the nor and the red pine is found in a more open understory to the south. This area is all sand. Attempts made to block off the east end of the stand with rocks to keep off-road traffic out have failed. The water's edg at Devils Lake is blocked off by a line of large limestone rocks.		
19 Blac 20 21 Blac	4131 - As Canopy Species Bigtooth Aspen ck/Red (Hybrid) Oak Red Pine 710 - Sa 4191 - Mixed Upla Cor Canopy Species ck/Red (Hybrid) Oak	spen, Oak % Cover 60 25 15 and, Soil nd Decidue nifer % Cover 55	Fole Pole Log Log ous with Size Class Sapling	Poletim 9 13 13 Nonst Saplin DBI 1	ber Well H Age 55 105 00cked g Poor H Age	1 30.3 Sub-Ca WI R 1.9 13.3 Sub-Ca	55 hite Pine ted Pine 7 I	81-110 Density Medium Low	N/A Avg. Height 5 - 10 feet Variable No N/A Avg. Height	Sapling Sapling Size	Sale Permit 84-65. All aspen, paper birch, and red maple were harvested. No harvesting was allowed within a paint line established 75- 100 feet from Devils Lake. The age of the aspen matches the cut record. The structure of the canopy indicates that all oak and pine were retained during the 1965 harvest. The aspen had plenty of room to grow and are healthy. The white pine in the under story is heaviest to the nor and the red pine is found in a more open understory to the south. This area is all sand. Attempts made to block off the east end of the stand with rocks to keep off-road traffic out have failed. The water's edg at Devils Lake is blocked off by a line of large limestone rocks.		

Report 7 – Stands

Compartment: 92 Year of Entry: 2023

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Stand	d Level 4 Co	ver Type		Size Density		Acres	Stand Age B	A Range	Managed Site		Year of Entry: 2023		
22	6117 - Lowland I Coni	Deciduous, iferous	Mixed	Poletimber Well		26.4	56	51-80	N/A		The diameter of the aspen, balsam fir, and red maple very throughout the stand. The upland ridge in the middle of the stand has the largest		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	diameter trees and was not cut last entry.		
	Balsam Fir	30	Pole	6	49	Bals	sam Fir	High	Variable	Sapling			
	Paper Birch	5	Log/Pole	10		Тас	g Alder	Medium	5 - 10 feet	Tall Shrub			
	Red Maple	30	Pole/Log	8		Glossy	Buckthorn	Low	5 - 10 feet	Tall Shrub			
	Balsam Poplar	3	Log/Pole	11									
	Quaking Aspen	30	Log/Pole	10	56								
	Black Spruce	2	Pole/Log	8									
23	6220 - A	lder/willow		Nonsto	cked	10.4			No				
24	330 - Low-E	Density Tre	es	Nonsto	cked	1.3			No		This opening, unique to the area, is slowly growing in with aspen, balsan fir, spruce, and oak.		
25	4199 - Other Mixed			Sawtimb		31.0		81-110	N/A		The aspen are healthy and have enough canopy room to grow. The oak		
25	Canopy Species	% Cover	Size Class	DBH	er Well Age	Sub-Can	opy Species	Density	Avg. Height	Size	The aspen are healthy and have enough canopy room to grow. The oak and aspen are highly variable in diameter.		
	Canopy Species Red Maple	% Cover	Size Class Log/Pole	DBH 11	Age	Sub-Can Re	opy Species d Oak	Density Low	Avg. Height >20 feet	Sapling			
	Canopy Species Red Maple ck/Red (Hybrid) Oak	% Cover 10 35	Size Class Log/Pole Log	DBH 11 16		Sub-Can Re Whi	opy Species d Oak te Pine	DensityLowMedium	Avg. Height >20 feet < 5 feet	Sapling Sapling			
	Canopy Species Red Maple ck/Red (Hybrid) Oak Paper Birch	% Cover 10 35 10	Size Class Log/Pole Log Pole/Log	DBH 11 16 9	Age 94	Sub-Can Re Whi	opy Species d Oak	Density Low	Avg. Height >20 feet	Sapling			
	Canopy Species Red Maple ck/Red (Hybrid) Oak Paper Birch Bigtooth Aspen	% Cover 10 35 10 35	Size Class Log/Pole Log	DBH 11 16 9 8	Age	Sub-Can Re Whi	opy Species d Oak te Pine	DensityLowMedium	Avg. Height >20 feet < 5 feet	Sapling Sapling			
	Canopy Species Red Maple ck/Red (Hybrid) Oak Paper Birch Bigtooth Aspen White Pine	% Cover 10 35 10 35 36 3	Size Class Log/Pole Log Pole/Log Pole/Log Log	DBH 11 16 9 8 12	Age 94	Sub-Can Re Whi	opy Species d Oak te Pine	DensityLowMedium	Avg. Height >20 feet < 5 feet	Sapling Sapling			
	Canopy Species Red Maple ck/Red (Hybrid) Oak Paper Birch Bigtooth Aspen White Pine Red Pine	% Cover 10 35 10 36 3 3	Size Class Log/Pole Log Pole/Log Pole/Log Log	DBH 11 16 9 8 12 13	Age 94	Sub-Can Re Whi	opy Species d Oak te Pine	DensityLowMedium	Avg. Height >20 feet < 5 feet	Sapling Sapling			
	Canopy Species Red Maple ck/Red (Hybrid) Oak Paper Birch Bigtooth Aspen White Pine Red Pine Balsam Fir	% Cover 10 35 10 36 3 3 2	Size Class Log/Pole Pole/Log Pole/Log Log Log Pole	DBH 11 16 9 8 12 13 6	Age 94 48	Sub-Can Re Whi	opy Species d Oak te Pine	DensityLowMedium	Avg. Height >20 feet < 5 feet	Sapling Sapling			
	Canopy Species Red Maple ck/Red (Hybrid) Oak Paper Birch Bigtooth Aspen White Pine Red Pine	% Cover 10 35 10 36 3 3	Size Class Log/Pole Log Pole/Log Pole/Log Log	DBH 11 16 9 8 12 13	Age 94	Sub-Can Re Whi	opy Species d Oak te Pine	DensityLowMedium	Avg. Height >20 feet < 5 feet	Sapling Sapling			
	Canopy Species Red Maple ck/Red (Hybrid) Oak Paper Birch Bigtooth Aspen White Pine Red Pine Balsam Fir	% Cover 10 35 10 36 3 2 1	Size Class Log/Pole Pole/Log Pole/Log Log Log Pole Pole	DBH 11 16 9 8 12 13 6 8 8	Age 94 48 48	Sub-Can Re Whi	opy Species d Oak te Pine < Cherry	DensityLowMedium	Avg. Height >20 feet < 5 feet	Sapling Sapling			
Bla	Canopy Species Red Maple ck/Red (Hybrid) Oak Paper Birch Bigtooth Aspen White Pine Red Pine Balsam Fir Quaking Aspen	% Cover 10 35 10 36 3 2 1 and Decidud	Size Class Log/Pole Pole/Log Pole/Log Log Log Pole Pole	DBH 11 16 9 8 12 13 6 8 8 Poletimb	Age 94 48 48	Sub-Can Re Whi Black	opy Species d Oak te Pine < Cherry	Density Low Medium Low	Avg. Height >20 feet < 5 feet < 5 feet	Sapling Sapling	and aspen are highly variable in diameter.		
Bla	Canopy Species Red Maple ck/Red (Hybrid) Oak Paper Birch Bigtooth Aspen White Pine Red Pine Balsam Fir Quaking Aspen 6119 - Mixed Lowla	% Cover 10 35 10 36 3 2 1 and Decidud	Size Class Log/Pole Pole/Log Log Log Log Pole Pole Pole	DBH 11 16 9 8 12 13 6 8 8 Poletimb	Age 94 48 48 48	Sub-Can Re Whi Black 23.7 Sub-Can	opy Species d Oak te Pine < Cherry 55	Density Low Medium Low 81-110	Avg. Height >20 feet < 5 feet < 5 feet	Sapling Sapling Sapling	and aspen are highly variable in diameter.		
Bla	Canopy Species Red Maple ck/Red (Hybrid) Oak Paper Birch Bigtooth Aspen White Pine Red Pine Balsam Fir Quaking Aspen 6119 - Mixed Lowla Canopy Species	% Cover 10 35 10 36 3 2 1 and Deciduate % Cover	Size Class Log/Pole Pole/Log Log Log Log Pole Pole/Log Dus Forest Size Class	DBH 11 16 9 8 12 13 6 8 8 Poletimb	Age Image: Constraint of the second sec	Sub-Can Re Whi Black 23.7 Sub-Can	opy Species d Oak te Pine c Cherry 55 opy Species	Density Low Medium Low 81-110 Density	Avg. Height >20 feet < 5 feet < 5 feet N/A Avg. Height	Sapling Sapling Sapling	and aspen are highly variable in diameter.		
Bla	Canopy Species Red Maple ck/Red (Hybrid) Oak Paper Birch Bigtooth Aspen White Pine Red Pine Balsam Fir Quaking Aspen 6119 - Mixed Lowla Canopy Species Red Maple	% Cover 10 35 10 35 10 36 3 2 1 and Decidud % Cover 38	Size Class Log/Pole Pole/Log Log Log Log Pole Pole/Log Size Class Pole/Log	DBH 11 16 9 8 12 13 6 8 Poletimb DBH 9 9 9 9 8 9 9 9 8 9 9 9 9 9	Age Image: Constraint of the second sec	Sub-Can Re Whi Black 23.7 Sub-Can	opy Species d Oak te Pine c Cherry 55 opy Species	Density Low Medium Low 81-110 Density	Avg. Height >20 feet < 5 feet < 5 feet N/A Avg. Height	Sapling Sapling Sapling	and aspen are highly variable in diameter.		
Bla	Canopy Species Red Maple ck/Red (Hybrid) Oak Paper Birch Bigtooth Aspen White Pine Red Pine Balsam Fir Quaking Aspen 6119 - Mixed Lowla Canopy Species Red Maple Paper Birch	% Cover 10 35 10 35 10 36 3 2 1 and Decidud % Cover 38 7	Size Class Log/Pole Log Pole/Log Log Log Log Pole/Log Ous Forest Size Class Pole/Log Pole/Log	DBH 11 16 9 8 12 13 6 8	Age 94 48 48 48 er Well Age 55	Sub-Can Re Whi Black 23.7 Sub-Can	opy Species d Oak te Pine c Cherry 55 opy Species	Density Low Medium Low 81-110 Density	Avg. Height >20 feet < 5 feet < 5 feet N/A Avg. Height	Sapling Sapling Sapling	and aspen are highly variable in diameter.		
Bla	Canopy Species Red Maple ck/Red (Hybrid) Oak Paper Birch Bigtooth Aspen White Pine Red Pine Balsam Fir Quaking Aspen 6119 - Mixed Lowla Canopy Species Red Maple Paper Birch Quaking Aspen	% Cover 10 35 10 35 10 36 3 2 1 and Decidud 38 7 38	Size Class Log/Pole Log Pole/Log Log Log Class Pole/Log Size Class Pole/Log Pole/Log	DBH 11 16 9 8 12 13 6 8 Poletimb DBH 9 7 8 20	Age 94 48 48 48 er Well Age 55	Sub-Can Re Whi Black 23.7 Sub-Can	opy Species d Oak te Pine c Cherry 55 opy Species	Density Low Medium Low 81-110 Density	Avg. Height >20 feet < 5 feet < 5 feet N/A Avg. Height	Sapling Sapling Sapling	and aspen are highly variable in diameter.		
Bla	Canopy Species Red Maple ck/Red (Hybrid) Oak Paper Birch Bigtooth Aspen White Pine Red Pine Balsam Fir Quaking Aspen 6119 - Mixed Lowla 6119 - Mixed Lowla Canopy Species Red Maple Paper Birch Quaking Aspen White Pine	% Cover 10 35 10 35 10 36 3 2 1 and Decidud % Cover 38 7 38 1	Size Class Log/Pole Pole/Log Log Log Pole/Log Pole/Log Size Class Pole/Log Pole/Log Pole/Log Pole/Log	DBH 11 16 9 8 12 13 6 8 Poletimb DBH 9 7 8 20	Age 94 48 48 48 er Well Age 55	Sub-Can Re Whi Black 23.7 Sub-Can	opy Species d Oak te Pine c Cherry 55 opy Species	Density Low Medium Low 81-110 Density	Avg. Height >20 feet < 5 feet < 5 feet N/A Avg. Height	Sapling Sapling Sapling	and aspen are highly variable in diameter.		

Report 7 – Stands

Compartment: 92 Year of Entry: 2023

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Stand	Level 4 Co	over Type		Size De	ensity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
27	6117 - Lowland [Sawtimber Well		14.3	14.3 80		N/A		A majority of the stand was holding water in March of 2021. The soil is very mucky. This stand is too wet to harvest.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	40	Log	13	80		ag Alder	High	5 - 10 feet	Tall Shrub	
	Paper Birch	15	Pole/Log	8		Ba	Isam Fir	High	Variable	Sapling	
	Balsam Poplar	10	Log	12		Gloss	y Buckthorn	Low	5 - 10 feet	Tall Shrub	
	Balsam Fir	25	Pole	6		BI	ack Ash	Low	Variable	Sapling	
	Black Spruce		Sapling/Pole								1
(Quaking Aspen	1	Log	15							
28	4191 - Mixed Upla Co	nd Deciduo nifer	ous with	Sapling	J Poor	27.9	7 I	mmature	N/A		There are scattered residual oak throughout the stand retained during the last harvest. This stand was part of Timber Sale No. 54-024-13-01. The
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	harvest was completed on 8/4/2015.
	Jack Pine	5	Sapling	1		5	Sedges	Full	Unspecified	Non-Wood	
	Red Pine	5	Sapling	4							
	White Pine	30	Sapling	1							
-		50	Carlina	4	7						
Blac	k/Red (Hybrid) Oak	50	Sapling	1	7						
	Bigtooth Aspen	10	Sapling	1	7						
		10	Sapling		7	12.7	97	111-140	N/A		
2 9	Bigtooth Aspen 4125 - Blacl	10 k, N. Pin O	Sapling	1 Sawtimb	7 er Well			-		Size	
29	Bigtooth Aspen	10 k, N. Pin O	Sapling	1 Sawtimb	7	Sub-Ca	97 nopy Species hite Pine	111-140 Density Medium	N/A Avg. Height Variable		
2 9	Bigtooth Aspen 4125 - Black Canopy Species	10 k, N. Pin O % Cover	Sapling ak Size Class	1 Sawtimb DBH	7 er Well	Sub-Ca	nopy Species	Density	Avg. Height	Size Sapling Sapling	
2 9	Bigtooth Aspen 4125 - Black Canopy Species Bigtooth Aspen	10 k, N. Pin O % Cover 5	Sapling ak Size Class Log	1 Sawtimb DBH	7 er Well I Age	Sub-Ca Wi	nopy Species hite Pine	Density Medium	Avg. Height Variable	Sapling	
29	Bigtooth Aspen 4125 - Black Canopy Species Bigtooth Aspen k/Red (Hybrid) Oak	10 k, N. Pin O % Cover 5 70	Sapling ak Size Class Log Log/Pole	1 Sawtimb DBH 12 12	7 er Well I Age	Sub-Ca Wi	nopy Species hite Pine ed Pine	Density Medium Low	Avg. Height Variable Variable	Sapling Sapling	
29 I Blac	Bigtooth Aspen 4125 - Black Canopy Species Bigtooth Aspen kk/Red (Hybrid) Oak White Pine	10 k, N. Pin O Cover 5 70 10 15	Sapling ak Size Class Log Log/Pole Pole Log/Pole	1 Sawtimb DBH 12 12 6	7 er Well Age 97	Sub-Ca Wi	nopy Species hite Pine ed Pine	Density Medium Low	Avg. Height Variable Variable	Sapling Sapling	This is a upland ridge opening, unique to the area, that is slowly filling ir with balsam fir, oak, spruce, and aspen.
29 Blac 30	Bigtooth Aspen 4125 - Black Canopy Species Bigtooth Aspen kk/Red (Hybrid) Oak White Pine Red Pine	10 k, N. Pin O 5 70 10 15	Sapling Sapling ak Size Class Log Log/Pole Log/Pole Log/Pole es	1 Sawtimb 12 12 6 12	7 er Well 1 Age 97 97 ocked	Sub-Ca Wi R Sw	nopy Species hite Pine ed Pine	Density Medium Low	Avg. Height Variable Variable < 5 feet	Sapling Sapling	This is a upland ridge opening, unique to the area, that is slowly filling ir with balsam fir, oak, spruce, and aspen. The red pine mostly runs out at the north end of the stand and is
29 Blac 30	Bigtooth Aspen 4125 - Black Canopy Species Bigtooth Aspen k/Red (Hybrid) Oak White Pine Red Pine 330 - Low-E	10 k, N. Pin O 5 70 10 15	Sapling Sapling ak Size Class Log Log/Pole Log/Pole Log/Pole es	1 Sawtimb DBH 12 6 12 Nonsto Sawtimb	7 er Well 1 Age 97 97 ocked	Sub-Ca Wi R Sw 1.2 6.4	nopy Species hite Pine ed Pine /eet Fern	Density Medium Low High	Avg. Height Variable Variable < 5 feet No	Sapling Sapling	This is a upland ridge opening, unique to the area, that is slowly filling ir with balsam fir, oak, spruce, and aspen.
29 Blac 30	Bigtooth Aspen 4125 - Black Canopy Species Bigtooth Aspen k/Red (Hybrid) Oak White Pine Red Pine 330 - Low-E 42210 - Nate	10 k, N. Pin O 5 70 10 15	Sapling Sapling ak S Log Log/Pole Pole Log/Pole es	1 Sawtimb DBH 12 6 12 Nonsto Sawtimb	7 er Well Age 97 97 ocked er Well I Age	Sub-Ca WI R Sw 1.2 6.4 Sub-Ca	nopy Species hite Pine ed Pine veet Fern 100	Density Medium Low High	Avg. Height Variable < 5 feet No	Sapling Sapling Tall Shrub	This is a upland ridge opening, unique to the area, that is slowly filling in with balsam fir, oak, spruce, and aspen. The red pine mostly runs out at the north end of the stand and is
29 Blac 30 31	Bigtooth Aspen 4125 - Blacl Canopy Species Bigtooth Aspen kk/Red (Hybrid) Oak White Pine Red Pine 330 - Low-E 42210 - Nate Canopy Species	10 k, N. Pin O 5 70 10 15 Density Tree ural Red Pi % Cover	Sapling Sapling ak Size Class Log Log/Pole Cog/Pole es es Size Class	1 Sawtimb DBH 12 6 12 6 12 Sawtimb Sawtimb DBH	7 er Well Age 97 97 ocked er Well I Age	Sub-Ca WI R Sw 1.2 6.4 Sub-Ca	nopy Species hite Pine ed Pine veet Fern 100 nopy Species	Density Medium Low High 81-110 Density	Avg. Height Variable < 5 feet No N/A Avg. Height	Sapling Sapling Tall Shrub	This is a upland ridge opening, unique to the area, that is slowly filling in with balsam fir, oak, spruce, and aspen. The red pine mostly runs out at the north end of the stand and is
29 Blac 30 31	Bigtooth Aspen 4125 - Black Canopy Species Bigtooth Aspen k/Red (Hybrid) Oak White Pine Red Pine 330 - Low-E 42210 - Natu Canopy Species Red Pine	10 k, N. Pin O 5 70 10 15 Density Tree ural Red Pi wral Red Pi 75	Sapling Sapling ak Size Class Log Log/Pole Log/Pole es es Size Class Log	1 Sawtimb DBH 12 6 12 6 12 Sawtimb Sawtimb DBH 13	7 er Well Age 97 97 ocked er Well I Age	Sub-Ca WI R Sw 1.2 6.4 Sub-Ca	nopy Species hite Pine ed Pine veet Fern 100 nopy Species	Density Medium Low High 81-110 Density	Avg. Height Variable < 5 feet No N/A Avg. Height	Sapling Sapling Tall Shrub	This is a upland ridge opening, unique to the area, that is slowly filling ir with balsam fir, oak, spruce, and aspen. The red pine mostly runs out at the north end of the stand and is

Report 7 – Stands

Compartment: 92 Year of Entry: 2023

DNR

Stand	Level 4 Cover Type			Size Density		Acres	es Stand Age BA Range		Managed S	Site	General Comments		
32	6130 - Fir, <i>A</i>	Aspen, Map	le	Sapling Well		19.5	36	1-50	N/A		Pockets of lowland shrub are present throughout the northern half. The		
С	anopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	southern half of the stand is dominated by balsam fir.		
	Red Maple	10	Pole	7		Ta	ig Alder	Medium	5 - 10 feet	Tall Shrub			
	Paper Birch	5	Sapling/Pole	4		Ba	Isam Fir	Full	Variable	Sapling			
Q	uaking Aspen	40	Pole/Sapling	5	36						1		
	Balsam Fir	40	Sapling/Pole	4									
E	Black Spruce	2	Sapling/Pole	4									
Black/	/Red (Hybrid) Oak	1	Pole/Sapling	5									
В	alsam Poplar	2	Pole/Sapling	6									
33	6117 - Lowland I Coni	Deciduous, ferous	Mixed Sa	wtimbe	Mediun	n 4.2	94	1-50	N/A		This stand is too wet to harvest. There is lots of windthrow in this stand.		
C	anopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size			
	Red Maple	40	Log	13	94	Ва	Isam Fir	Low	Variable	Sapling			
	Paper Birch	20	Log/Pole	10		Glossy	y Buckthorn	Low	5 - 10 feet	Tall Shrub			
	Balsam Fir	35	Pole	7									
North	nern White Cedar	5	Log	12									
34	6128 - Lowland C Deci Canopy Species	duous	Mixed S Size Class	awtimb	er Poor I Age	31.5	113 nopy Species	1-50 Density	N/A Avg. Height	Size	This stand is too wet to harvest. A 9" DBH black spruce aged at 103 + 10 = 113 in March 2021. This is a very old age for black spruce in Alpena County. This is a more open canopy stand with scattered		
	Red Maple	15	Log/Pole	11	Age		Isam Fir	Medium	Variable	Sapling	windthrow and a maze of sapling balsam fir mixed in with tag alder.		
	Balsam Fir	20	Pole/Sapling				ig Alder	Medium	5 - 10 feet	Tall Shrub			
	Black Spruce	25	Pole/Log	9	113		.9 /	mound	0 101000				
	hern White Cedar	15	Pole	8									
	Tamarack	19	Log/Pole	10									
	Paper Birch	5	Pole	7									
35	6124 - Lowla	-		Poletimb		16.3	70	51-80	N/A		In March 2021 a 6" DBH black spruce aged at 60 + 10 = 70 years. Most		
	anopy Species		Size Class		Age		nopy Species	Density	Avg. Height	Size			
	Red Maple	15	Pole	7		Ba	lsam Fir	High	Variable	Sapling			
	uaking Aspen	8	Pole	7	70								
	Black Spruce	36	Pole	6	70								
	White Spruce	2	Pole	6									
	Balsam Fir	32	Pole	7									
		5	Pole	6									
	Paper Birch	-											
North	Paper Birch hern White Cedar alsam Poplar	1	Log/Pole Pole	10 7									

Level 4 Cover Type

42221 - Natural Jack Pine, Mixed

Deciducus

6112 - Lowland Aspen

4131 - Aspen, Oak

20

30

40

5

5

55

5

30

10

% Cover Size Class

% Cover Size Class

Pole/Sapling

Log

Pole

XLog/Log

Pole/Log

Pole

Pole

Pole/Sapling

Pole

Canopy Species

Quaking Aspen

Paper Birch

Balsam Fir

Balsam Poplar

Canopy Species

Red Maple

Red Oak

Bigtooth Aspen

Red Pine

Paper Birch

Stand

36

38

40

Report 7 – Stands

1-50

- 4 00

51-80

Densitv

Full

Low

Low

Low

81-110

Density

Medium

Acres Stand Age BA Range

27

400

45

60

Sub-Canopy Species

Balsam Fir

Sub-Canopy Species

Balsam Fir

Glossy Buckthorn

Tag Alder

Willow spp.

16.9

114

Managed Site

N/A

....

N/A

Tall Shrub

Tall Shrub

Sapling

Avg. Height

Variable

5 - 10 feet

5 - 10 feet

5 - 10 feet

Avg. Height

< 5 feet

Compartment: 92

Year of Entry: 2023 **General Comments** The harvest of this stand was completed in June of 1994 as part of Timber Sale Name: Devil's Crane Sale: Timber Sale No.: 54-049-93-01.

The stand is well-stocked full of healthy regeneration.

Deciduous													
Canopy Species % Cover Size Class DBH A													
Bigtooth Aspen	15	Sapling	3	27									
Black/Red (Hybrid) Oak	20	Pole/Sapling	5	27									
Jack Pine	65	Sapling/Pole	4	27									

37 6120 - Low	viand Cec	iar F	oletimb	er well	56.9	190	51-80	N/A	
Canopy Species	% Cove	r Size Class	DBH	Age	Sub-Can	opy Specie	es Density	Avg. Height	Size
Paper Birch	5	Pole/Sapling	5		Bals	sam Fir	High	< 5 feet	Sapling
Black Spruce	Black Spruce 15 Pole				Тар	g Alder	High	5 - 10 feet	Tall Shrub
Northern White Cedar	64	Pole	6	190					
Balsam Poplar	1	Pole	5						
Balsam Fir	15	Pole/Sapling	5						

Size Density

Sapling Well

_

Poletimber Well

7

6

6

8

DBH Age

45

The stand is dominant the pole sized cedar in the central half of the stand. The outer regions of the stand are more diverse with some small log-sized cedar. This stand is too wet too harvest. When aged in March 2021, a 7" DBH Cedar aged in older than 170 and the best estimate based on a center core that could not be counted is an age of around 190 years old. This is uncommonly old, even for cedar. Flowing water was seen in the northwest portion of this stand but not in a stream like fashion.

	The central 2 acres of the stand looks different in the imagery due to it being dominated by balsam fir. The aspen are somewhat bigger in
Size	diameter to the west.
Sapling	

39	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	16.0	102	81-110	N/A
	Connici					

Sawtimber Well

6

15

7

19

8

DBH Age

60

Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	10	Log/Pole	11		Jack Pine	Trace	< 5 feet	Sapling
Black/Red (Hybrid) Oak	55	Log/Pole	11	102	Balsam Fir	Trace	Variable	Sapling
Jack Pine	35	Pole/Log	9					

16.0

The oak are smaller and diameter towards the east end of the stand. There is a half to one acre pole size jackpine pocket at the east edge of he stand.

N/A		This is really a two aged stand. The second age would be on the oak. On timber namits $66.62 (N - Q)$ and $56.62 (S - Q)$ that were alread in
eight	Size	On timber permits 66-62 (N Q-Q) and 56-62 (S Q-Q) that were closed in August and April of 1964 respectively, all aspen, paper birch, and red
et	Sapling	maple (approx. 7 and 13 cords per acre respectively) with a
		merchantable stick were harvested from 65 acres of the 2 quarter- quarters that this stand covers.

Report 7 – Stands

Compartment: 92 Year of Entry: 2023

MICHIGAN

Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
41	6112 - Low	land Aspe	n F	oletimb	er Well	12.2	57	51-80	N/A		Core aging a quaking aspen confirms the harvest date of 1964. Very
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	mucky soils present. This stand can only be harvested in the driest of summer conditions.On timber permits 66-62 (N Q-Q) and 56-62 (S Q-
	Red Maple	20	Log/Pole	10		Re	d Maple	Medium	5 - 10 feet	Sapling	Q) that were closed in August and April of 1964 respectively, all aspen,
	Paper Birch	10	Pole/Log	8		Ba	Isam Fir	Full	Variable	Sapling	paper birch, and red maple (approx. 7 and 13 cords per acre
	Quaking Aspen	40	Pole/Log	9	57						respectively) with a merchantable stick were harvested from 65 acres of the 2 guarter-guarters that this stand covers.
	Balsam Fir	20	Pole	7							
	Green Ash	5	Pole	7							
	Balsam Poplar	5	Pole/Log	9							
42	622 - Low	land Shrub		Nonsto	cked	1.2	lı	mmature	No		
43	4123 - F	Red Oak	S	Sawtimbe	er Poor	3.1	105	1-50	N/A		Much of the stand is an old wildlife opening that is growing over with red
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	pine seedlings.On timber permit 56-62 that was closed in April of 1964 all aspen, paper birch, and red maple (approx. 13 cords per acre)
	Red Maple	5	Pole/Sapling	6		Ba	lsam Fir	Low	Variable	Sapling	with a merchantable stick were harvested from 35 acres of this quarter-
	Red Oak	85	Log/XLog	16	105	Re	ed Pine	Low	Variable	Sapling	quarter.
	Red Pine	10	Log	12							_
44	6129 - Mixed Conife						45	1-50	N/A		Black spruce is concentrated in the southeast, jack pine is concentrated in the northeast, tamarack is concentrated to the west, and red maple to
	Canopy Species	0/ 0	<u> </u>								
		% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	the south. The east forest floor is moss and leather leaf covered to the
	White Pine	3	Log	13		Blac	k Spruce	Low	Variable	Sapling	east. The west half has an under story of lowland shrub. A 6" DBH jack
	White Pine Jack Pine	3 25	Log Pole	13 6	Age 45	Blac Ta	k Spruce marack	Low Low	Variable Variable	Sapling Sapling	east. The west half has an under story of lowland shrub. A 6" DBH jack pine aged at 40 + 5 = 45 in March of 2021.
	White Pine Jack Pine Black Spruce	3 25 22	Log Pole Pole	13 6 6		Blac Ta Ta	ck Spruce marack ng Alder	Low Low Medium	Variable Variable 5 - 10 feet	Sapling Sapling Tall Shrub	east. The west half has an under story of lowland shrub. A 6" DBH jack pine aged at 40 + 5 = 45 in March of 2021.
	White Pine Jack Pine Black Spruce Tamarack	3 25 22 22 22	Log Pole Pole Pole	13 6 6 8		Blac Ta Ta	k Spruce marack	Low Low	Variable Variable	Sapling Sapling	east. The west half has an under story of lowland shrub. A 6" DBH jack pine aged at 40 + 5 = 45 in March of 2021.
	White Pine Jack Pine Black Spruce Tamarack Red Pine	3 25 22 22 3	Log Pole Pole Pole Log	13 6 6 8 12		Blac Ta Ta	ck Spruce marack ng Alder	Low Low Medium	Variable Variable 5 - 10 feet	Sapling Sapling Tall Shrub	east. The west half has an under story of lowland shrub. A 6" DBH jack pine aged at 40 + 5 = 45 in March of 2021.
Nc	White Pine Jack Pine Black Spruce Tamarack Red Pine orthern White Cedar	3 25 22 22 3 10	Log Pole Pole Log Pole/Sapling	13 6 6 8 12 5		Blac Ta Ta	ck Spruce marack ng Alder	Low Low Medium	Variable Variable 5 - 10 feet	Sapling Sapling Tall Shrub	east. The west half has an under story of lowland shrub. A 6" DBH jack pine aged at 40 + 5 = 45 in March of 2021.
Nc	White Pine Jack Pine Black Spruce Tamarack Red Pine orthern White Cedar Paper Birch	3 25 22 22 3 10 2	Log Pole Pole Log Pole/Sapling Sapling	13 6 6 8 12 5 3		Blac Ta Ta	ck Spruce marack ng Alder	Low Low Medium	Variable Variable 5 - 10 feet	Sapling Sapling Tall Shrub	east. The west half has an under story of lowland shrub. A 6" DBH jack pine aged at 40 + 5 = 45 in March of 2021.
No	White Pine Jack Pine Black Spruce Tamarack Red Pine orthern White Cedar	3 25 22 22 3 10	Log Pole Pole Log Pole/Sapling	13 6 6 8 12 5		Blac Ta Ta	ck Spruce marack ng Alder	Low Low Medium	Variable Variable 5 - 10 feet	Sapling Sapling Tall Shrub	east. The west half has an under story of lowland shrub. A 6" DBH jack pine aged at 40 + 5 = 45 in March of 2021.
Nc 45	White Pine Jack Pine Black Spruce Tamarack Red Pine orthern White Cedar Paper Birch	3 25 22 22 3 10 2 13	Log Pole Pole Log Pole/Sapling Sapling Pole	13 6 6 8 12 5 3	45	Blac Ta Ta	ck Spruce marack ng Alder	Low Low Medium	Variable Variable 5 - 10 feet	Sapling Sapling Tall Shrub	east. The west half has an under story of lowland shrub. A 6" DBH jack pine aged at 40 + 5 = 45 in March of 2021.
	White Pine Jack Pine Black Spruce Tamarack Red Pine orthern White Cedar Paper Birch Red Maple	3 25 22 22 3 10 2 13	Log Pole Pole Log Pole/Sapling Sapling Pole	13 6 6 8 12 5 3 6 Poletimb	45	Blac Ta Ta Mich 24.7	k Spruce marack g Alder igan Holly	Low Low Medium Low	Variable Variable 5 - 10 feet 5 - 10 feet	Sapling Sapling Tall Shrub	east. The west half has an under story of lowland shrub. A 6" DBH jack pine aged at 40 + 5 = 45 in March of 2021.
	White Pine Jack Pine Black Spruce Tamarack Red Pine orthern White Cedar Paper Birch Red Maple 6112 - Low	3 25 22 22 3 10 2 13	Log Pole Pole Log Pole/Sapling Sapling Pole Size Class Pole/Sapling	13 6 6 8 12 5 3 6 20letimb BBH 7	45 45 er Well	Blac Ta Ta Mich 24.7 Sub-Ca Ba	k Spruce marack g Alder igan Holly 34 appy Species Isam Fir	Low Low Medium Low 1-50 Density High	Variable Variable 5 - 10 feet 5 - 10 feet N/A Avg. Height Variable	Sapling Sapling Tall Shrub Tall Shrub	east. The west half has an under story of lowland shrub. A 6" DBH jack pine aged at 40 + 5 = 45 in March of 2021. Scattered log sized cedar and spruce retained during the last harvest are present at an insignificant BA. This stand is harvestable but has some very wet areas and pockets. The age of this stand matches the cut record that follows. In April of 1988 a timber sale including the harvest of
	White Pine Jack Pine Black Spruce Tamarack Red Pine orthern White Cedar Paper Birch Red Maple 6112 - Low Canopy Species	3 25 22 22 3 10 2 13 //and Asper	Log Pole Pole Log Pole/Sapling Sapling Pole n F	13 6 8 12 5 3 6 Poletimbo DBH 7 6	45 45 er Well Age 34	Blac Ta Ta Mich 24.7 Sub-Ca Ba	k Spruce marack g Alder igan Holly 34 nopy Species	Low Low Medium Low	Variable Variable 5 - 10 feet 5 - 10 feet N/A Avg. Height	Sapling Sapling Tall Shrub Tall Shrub	east. The west half has an under story of lowland shrub. A 6" DBH jack pine aged at 40 + 5 = 45 in March of 2021. Scattered log sized cedar and spruce retained during the last harvest are present at an insignificant BA. This stand is harvestable but has some very wet areas and pockets. The age of this stand matches the cut record that follows. In April of 1988 a timber sale including the harvest of 78 acres was completed in the vicinity of this stand. This was Timber
	White Pine Jack Pine Black Spruce Tamarack Red Pine orthern White Cedar Paper Birch Red Maple 6112 - Low Canopy Species Red Maple	3 25 22 3 10 2 13	Log Pole Pole Log Pole/Sapling Sapling Pole Size Class Pole/Sapling	13 6 6 8 12 5 3 6 20letimb BH 7	45 45 er Well	Blac Ta Ta Mich 24.7 Sub-Ca Ba	k Spruce marack g Alder igan Holly 34 appy Species Isam Fir	Low Low Medium Low 1-50 Density High	Variable Variable 5 - 10 feet 5 - 10 feet N/A Avg. Height Variable	Sapling Sapling Tall Shrub Tall Shrub	east. The west half has an under story of lowland shrub. A 6" DBH jack pine aged at 40 + 5 = 45 in March of 2021. Scattered log sized cedar and spruce retained during the last harvest are present at an insignificant BA. This stand is harvestable but has some very wet areas and pockets. The age of this stand matches the cut record that follows. In April of 1988 a timber sale including the harvest of
	White Pine Jack Pine Black Spruce Tamarack Red Pine orthern White Cedar Paper Birch Red Maple 6112 - Low Canopy Species Red Maple Quaking Aspen Balsam Poplar Balsam Fir	3 25 22 3 10 2 13	Log Pole Pole Log Pole/Sapling Sapling Pole Saples Pole	13 6 8 12 5 3 6 20letimb 20letimb 7 6 6 6 6	45 45 er Well Age 34	Blac Ta Ta Mich 24.7 Sub-Ca Ba	k Spruce marack g Alder igan Holly 34 appy Species Isam Fir	Low Low Medium Low 1-50 Density High	Variable Variable 5 - 10 feet 5 - 10 feet N/A Avg. Height Variable	Sapling Sapling Tall Shrub Tall Shrub	east. The west half has an under story of lowland shrub. A 6" DBH jack pine aged at 40 + 5 = 45 in March of 2021. Scattered log sized cedar and spruce retained during the last harvest are present at an insignificant BA. This stand is harvestable but has some very wet areas and pockets. The age of this stand matches the cut record that follows. In April of 1988 a timber sale including the harvest of 78 acres was completed in the vicinity of this stand. This was Timber Sale Name: Stray Cat Block; Timber Sale No.: 54-078-83-01. All trees
	White Pine Jack Pine Black Spruce Tamarack Red Pine rthern White Cedar Paper Birch Red Maple 6112 - Low Canopy Species Red Maple Quaking Aspen Balsam Poplar	3 25 22 2 3 10 2 13 vland Aspen % Cover 9 60 5	Log Pole Pole Log Pole/Sapling Sapling Pole Sapling Pole Sapling Pole/Sapling Pole/Sapling Pole	13 6 8 12 5 3 6 20letimb 20letimb 7 6 6	45 45 er Well Age 34	Blac Ta Ta Mich 24.7 Sub-Ca Ba	k Spruce marack g Alder igan Holly 34 appy Species Isam Fir	Low Low Medium Low 1-50 Density High	Variable Variable 5 - 10 feet 5 - 10 feet N/A Avg. Height Variable	Sapling Sapling Tall Shrub Tall Shrub	east. The west half has an under story of lowland shrub. A 6" DBH jack pine aged at 40 + 5 = 45 in March of 2021. Scattered log sized cedar and spruce retained during the last harvest are present at an insignificant BA. This stand is harvestable but has some very wet areas and pockets. The age of this stand matches the cut record that follows. In April of 1988 a timber sale including the harvest of 78 acres was completed in the vicinity of this stand. This was Timber Sale Name: Stray Cat Block; Timber Sale No.: 54-078-83-01. All trees with a merchantable stick were harvested with the exception of red pine.
	White Pine Jack Pine Black Spruce Tamarack Red Pine orthern White Cedar Paper Birch Red Maple 6112 - Low Canopy Species Red Maple Quaking Aspen Balsam Poplar Balsam Fir	3 25 22 2 3 10 2 13 vland Aspen % Cover 9 60 5 15	Log Pole Pole Cog Pole/Sapling Pole Sapling Pole Sapling Pole Pole/Sapling Pole/Sapling	13 6 8 12 5 3 6 Poletimb DBH 7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	45 45 er Well Age 34	Blac Ta Ta Mich 24.7 Sub-Ca Ba	k Spruce marack g Alder igan Holly 34 appy Species Isam Fir	Low Low Medium Low 1-50 Density High	Variable Variable 5 - 10 feet 5 - 10 feet N/A Avg. Height Variable	Sapling Sapling Tall Shrub Tall Shrub	east. The west half has an under story of lowland shrub. A 6" DBH jack pine aged at 40 + 5 = 45 in March of 2021. Scattered log sized cedar and spruce retained during the last harvest ar present at an insignificant BA. This stand is harvestable but has some very wet areas and pockets. The age of this stand matches the cut record that follows. In April of 1988 a timber sale including the harvest of 78 acres was completed in the vicinity of this stand. This was Timber Sale Name: Stray Cat Block; Timber Sale No.: 54-078-83-01. All trees

Report 7 – Stands

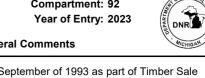
Compartment: 92 Year of Entry: 2023



Stand	Level 4 Co	over Type	S	Size De	ensity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
46		Pine, Oak		Saplinę	-	26.7	15	1-50	N/A		The harvest of this stand was completed in June of 2006 as part of □ Timber Sale Name: PIOB MOR: Timber Sale No.: 54-24-03-01. The
	Canopy Species		Size Class		l Age		nopy Species	Density	Avg. Height	Size	prescription called for soil scarification through full tree skidding and the
	Jack Pine	60	Sapling	3	15	Ba	ılsam Fir	Trace	Variable	Sapling	protection of red pine, white pine, cedar, and oak regeneration/also
Bla	ck/Red (Hybrid) Oak	40	Log/Pole	11	102						protection of dogwood thorn apple, and juneberry. The soil scarification worked to regenerate jack pine at varying densities throughout the stand
											Very little, if any, white pine, red pine, cedar, and oak regeneration was present that would have been protected during the last harvest. Manag the stand into the future for jackpine.
47	4310 - Pir	ie, Oak Mix	k Sa	awtimb	er Well	44.3	84	81-110	N/A		Some small pockets of red pine are of the legacy type. The far $_{\Box}$ northwestern edge of this stand has less red pine and is more dominate
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	to oak.
	Red Oak	22	Log	13		R	ed Oak	Low	Variable	Sapling	
	Quaking Aspen	5	Pole/Log	8		W	hite Pine	Low	Variable	Sapling	
	White Pine	5	Log/Pole	12		Ba	ılsam Fir	Low	Variable	Sapling	
	Red Pine	40	Log	14	84						
	Jack Pine	5	Pole	7							
	Bigtooth Aspen	23	Pole/Log	8							
48	4130 -	Aspen	P		er Well	1.2	37		N/A		This stand is a continuation of the stand to the south that could not be merged.
	Canopy Species	% Cover	Size Class	DBH	I Age						mergeu.
	Bigtooth Aspen	58	Pole/Sapling	6	37						
	Quaking Aspen	24	Pole/Sapling	6	37						
	Balsam Fir	10	Pole/Sapling	6							
	Red Maple	8	Pole/Sapling	5	37						
49	42210 - Nati	ural Red Pi	ine Sa	apling I	Medium	3.1	10 I	mmature	N/A		This stand was harvested in December of 2007; Timber Sale Name: Devils Twisted Pine; Timber Sale Number: 54-004-08-02. This was a
	Canopy Species		Size Class		l Age						tornado salvage of of red pine. During the 2023 YOE Inventory the red
	White Pine	10	Sapling	2							pine had on average world count of 10. The salvage sale of the tornad
	Red Pine	75	Sapling	1	10						windthrown red pine likely scarified the soil and created a soil bed for the red pine that are now growing there. Successful regeneration of natural scales of the source
Bla	ck/Red (Hybrid) Oak	10	Sapling	1							red pine is rare.
	Bigtooth Aspen	5	Sapling	2							•
50	6130 - Fir, <i>A</i>	Aspen, Map	ple Po	oletimb	er Well	12.9	61	51-80	N/A		This stand has low wet ground throughout. An 8" DBH quaking aspen $_{\Box}$ aged at 61 years in March of 2021. The trees very in diameter
	Canopy Species	% Cover	Size Class		I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	throughout based and the amount of soil moisture. Diameters amongs
	Red Maple	5	Log	13		Re	ed Maple	Low	< 5 feet	Sapling	aspen and balsam fir are highly variable.
	Quaking Aspen	45	Pole	8	61		llsam Fir	Medium	< 5 feet	Sapling	
	Paper Birch	5	Log/Pole	10		Gloss	y Buckthorn	High	5 - 10 feet	Tall Shrub	
	Balsam Fir	45	Pole/Sapling	7							

Report 7 – Stands

Compartment: 92



Stand	Level 4 Co	over Type		Size Do	ensity	Acres	Stand Age	e BA Range	Managed Site	General Comments
51	4136 - Aspen	, Mixed Co	nifer F	Poletim	er Well	6.6	28	51-80	N/A	This stand was harvested in September of 1993 as part of Timber Sale
	Canopy Species	% Cover	Size Class	DBI	I Age					Name: Sawdust Seed Tree; Timber Sale Number: 54-048-92-01. All trees were harvested with the exception of 9.4 BA of red pine, jack pine,
	Quaking Aspen	19	Pole/Sapling	j 5	28					and oak. Less than 10 BA of log sized red pine, jack pine, and oak
	Bigtooth Aspen	51	Pole/Sapling	j 5	28					remain in the overstory.
	Balsam Fir	10	Pole/Sapling	j 5						
	Jack Pine	5	Pole/Sapling	j 5						
	Red Pine	5	Pole/Sapling	j 6						
	Red Maple	5	Sapling/Pole	9 4						
Blac	k/Red (Hybrid) Oak	5	Pole/Sapling	j 5						

52	4133 - Asper	n, Mixed P	ine	Poletimb	er Well	48.7	37	81-110	N/A		The harvest of this stand was completed in 1984 as part of Timber Sale Name: Shoreline Strip; Timber Sale No.: 54-064-83-01. All trees with a
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	merchantable stick were harvested with the exception of red pine. Trace
	Red Maple	15	Pole	6		Та	g Alder	Medium	5 - 10 feet	Tall Shrub	northern white cedar, white spruce, and black spruce and hemlock are
	Quaking Aspen	10	Pole	7							present in the canopy. The central region of the stand it is more
	Bigtooth Aspen	34	Pole	7	37						dominant to aspen, red maple, and oak. The north and south ends of the stand have the most canopy species diversity. This stand is part of the
	White Pine	10	Log	12							Squaw Bay Dune Swale Complex ERA. This stand has more dune
	Jack Pine	5	Log/Pole	10							ridges than swale.
	Red Pine	10	Log/Pole	11							
	Paper Birch	2	Pole/Sapling	g 6							
	Balsam Fir	4	Pole/Log	8							
Bla	ck/Red (Hybrid) Oak	10	Pole	8							

53	4122 - 0	Oak, Pine	Sa	wtimb	er Well	12.2	102	51-80	N/A		The jackpine are dying out of the stand due to natural mortality. The oak
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	are of lower end timber quality.
Bla	ack/Red (Hybrid) Oak	60	Log	11	102	Jac	ck Pine	Low	Variable	Sapling	
	Red Pine	5	Log/Pole	11		Re	ed Pine	Low	Variable	Sapling	
	Jack Pine	30	Pole/Log	9		Wh	ite Pine	Low	Variable	Sapling	
	White Pine	5	Log/Pole	10		Bal	sam Fir	Trace	Variable	Sapling	
	WINE I INC	0	209,1 0.0			Dui	Summi	ITabo		e apg	
54	6111 - Lowland	d Balsam P	oplar Po	letimb	er Well	7.7	33	Immature	N/A		From the stumps present from the previous harvest this stand was previously dominant to cedar. This stand has wet mucky soil
54			oplar Po	letimb	er Well	7.7		Immature		Size	previously dominant to cedar. This stand has wet mucky soil
54	6111 - Lowland	d Balsam P	oplar Po	letimb		7.7 Sub-Car	33	Immature	N/A	Size Sapling	previously dominant to cedar. This stand has wet mucky soil throughout. The slightly lower elevation in this stand lends to it having more balsam poplar than quaking aspen. In April of 1988 a timber sale
54	6111 - Lowland	d Balsam P % Cover	oplar Po Size Class	letimb DBH	I Age	7.7 Sub-Can Bal:	33 nopy Species	Immature Density	N/A Avg. Height	Size Sapling	previously dominant to cedar. This stand has wet mucky soil throughout. The slightly lower elevation in this stand lends to it having more balsam poplar than quaking aspen. In April of 1988 a timber sale including the harvest of 78 acres was completed in the vicinity of this
54	6111 - Lowland Canopy Species Quaking Aspen	d Balsam P % Cover 20	oplar Po Size Class Pole/Sapling	letimb DBH	I Age	7.7 Sub-Can Bal:	33 n opy Species sam Fir	Immature Density Medium	N/A Avg. Height < 5 feet	Size Sapling	previously dominant to cedar. This stand has wet mucky soil throughout. The slightly lower elevation in this stand lends to it having more balsam poplar than quaking aspen. In April of 1988 a timber sale

Report 7 – Stands

Year of Entry: 2023	DEPARTM
Comments	· · ·
t log aized trees and pull aiz	

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Stand	Level 4 Co	over Type	5	Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
55	4130 -	- Aspen	Р	oletimb	er Well	67.4	52	81-110	N/A		The oak are a mixture of remnant log sized trees and pull-sized oak that regenerated from the last harvest. The 50 to 100 feet along the shoreline
C	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	of Devils Lake is more dominant to log sized oak having seen less
	Red Oak	15	Log	12		Wł	nite Pine	Medium	5 - 10 feet	Sapling	management in the past.
Q	uaking Aspen	20	Sapling	3		Re	ed Pine	Low	5 - 10 feet	Sapling	
В	igtooth Aspen	60	Pole	8	52	Ва	Isam Fir	Low	Variable	Sapling	
	Red Maple	3	Log	12							-
	White Pine	1	Pole	8							
	Red Pine	1	XLog/Log	19							
56	42221 - Natural Deci	Jack Pine, iduous	Mixed P	oletimb	er Well	75.9	47	1-50	N/A		In October of 1994 in the central region of this stand, five 1 to 1.5 acre squares were cut out of this stand as part of a five spot harvest as part of
C	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Timber Sale Name: Piper Five Spot Sale; Sale No.: 54-068-93-01. Only trees with a merchantable stick were harvested from these squares.
В	igtooth Aspen	12	Log/Pole	11		Re	ed Pine	Low	Variable	Sapling	Since then the rest of the area surrounding the five spot harvest squares.
Black	/Red (Hybrid) Oak	18	Pole	7							has been harvested. This is a very small diameter jackpine for an age of
	Jack Pine	70	Pole/Sapling	6	47						47, but the core rings were clear. Aging a 6" DBH inch quaking aspen gave the same age.
57	022 - LOW	vland Shrut	5		ocked	10.4			No		
57 58	6128 - Lowland (awtimb	er Well	76.5	125	81-110	N/A		This stand is part of the Squaw Bay Dune Swale Complex Ecological Reference Area (ERA). The stand alternates between high and low
58	6128 - Lowland (Coniferous	, Mixed S			76.5	125 nopy Species	81-110 Density		Size	Reference Area (ERA). The stand alternates between high and low ground north-south running dune ridges and swale depressions created
5 8	6128 - Lowland (Deci	Coniferous, iduous	, Mixed S		er Well	76.5 Sub-Ca	-		N/A	Size Tall Shrub	Reference Area (ERA). The stand alternates between high and low ground north-south running dune ridges and swale depressions created over centries by the receding lake Huron shoreline. A majority of the ridges are relatively low ground and most experience seasonal flooding.
5 8	6128 - Lowland (Deci Canopy Species	Coniferous iduous % Cover	, Mixed S Size Class	DBH	er Well	76.5 Sub-Ca Ta	nopy Species	Density	N/A Avg. Height		Reference Area (ERA). The stand alternates between high and low ground north-south running dune ridges and swale depressions created over centries by the receding lake Huron shoreline. A majority of the ridges are relatively low ground and most experience seasonal flooding. This stand is more dominated by swale depressions than the Dune Ridge
58 C	6128 - Lowland (Deci Canopy Species nern White Cedar	Coniferous, iduous % Cover 40	, Mixed S Size Class Log/Pole	DBH 12	er Well	76.5 Sub-Ca Ta Mich	nopy Species ag Alder	Density High	N/A Avg. Height 5 - 10 feet	Tall Shrub	Reference Area (ERA). The stand alternates between high and low ground north-south running dune ridges and swale depressions created over centries by the receding lake Huron shoreline. A majority of the ridges are relatively low ground and most experience seasonal flooding. This stand is more dominated by swale depressions than the Dune Ridge Stand to the South. The ridges that exist are dominated by Northern
58 C North	6128 - Lowland C Deci Canopy Species nern White Cedar Red Maple	Coniferous, iduous % Cover 40 20	, Mixed S Size Class Log/Pole Log/Pole	DBH 12 12	er Well	76.5 Sub-Ca Ta Mich Whit	nopy Species ag Alder igan Holly	Density High High	N/A Avg. Height 5 - 10 feet 5 - 10 feet	Tall Shrub Tall Shrub	Reference Area (ERA). The stand alternates between high and low ground north-south running dune ridges and swale depressions created over centries by the receding lake Huron shoreline. A majority of the ridges are relatively low ground and most experience seasonal flooding. This stand is more dominated by swale depressions than the Dune Ridge Stand to the South. The ridges that exist are dominated by Northern White Cedar. The highest ground ridges is where mature red pine and
58 North	6128 - Lowland C Deci Canopy Species hern White Cedar Red Maple Black Spruce	Coniferous, iduous % Cover 40 20 5	, Mixed S Size Class Log/Pole Log/Pole Pole/Sapling	DBH 12 12 6	er Well	76.5 Sub-Car Ta Mich White Blac	nopy Species ag Alder igan Holly te Spruce	Density High High Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet Variable	Tall Shrub Tall Shrub Sapling	Reference Area (ERA). The stand alternates between high and low ground north-south running dune ridges and swale depressions created over centries by the receding lake Huron shoreline. A majority of the ridges are relatively low ground and most experience seasonal flooding. This stand is more dominated by swale depressions than the Dune Ridge Stand to the South. The ridges that exist are dominated by Northern White Cedar. The highest ground ridges is where mature red pine and white pine within the canopy are located. This stand does not have the invasive glossy buckthorn problem that dune-swale stands to the north
58 C North	6128 - Lowland C Deci Canopy Species hern White Cedar Red Maple Black Spruce White Pine	Coniferous, iduous % Cover 40 20 5 5 5	, Mixed S Size Class Log/Pole Log/Pole Pole/Sapling Log/Pole	DBH 12 12 6 12 7 16	er Well	76.5 Sub-Car Ta Mich White Blac	nopy Species ag Alder igan Holly te Spruce ck Spruce	Density High High Low Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet Variable Variable	Tall Shrub Tall Shrub Sapling Sapling	Reference Area (ERA). The stand alternates between high and low ground north-south running dune ridges and swale depressions created over centries by the receding lake Huron shoreline. A majority of the ridges are relatively low ground and most experience seasonal flooding. This stand is more dominated by swale depressions than the Dune Ridge Stand to the South. The ridges that exist are dominated by Northern White Cedar. The highest ground ridges is where mature red pine and white pine within the canopy are located. This stand does not have the
58 C North	6128 - Lowland C Deci Canopy Species hern White Cedar Red Maple Black Spruce White Pine Paper Birch	Coniferous, iduous % Cover 40 20 5 5 5 10	, Mixed S Size Class Log/Pole Log/Pole Pole/Sapling Log/Pole Pole	DBH 12 12 6 12 7	er Well	76.5 Sub-Car Ta Mich White Blac	nopy Species ag Alder igan Holly te Spruce ck Spruce	Density High High Low Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet Variable Variable	Tall Shrub Tall Shrub Sapling Sapling	Reference Area (ERA). The stand alternates between high and low ground north-south running dune ridges and swale depressions created over centries by the receding lake Huron shoreline. A majority of the ridges are relatively low ground and most experience seasonal flooding. This stand is more dominated by swale depressions than the Dune Ridge Stand to the South. The ridges that exist are dominated by Northern White Cedar. The highest ground ridges is where mature red pine and white pine within the canopy are located. This stand does not have the invasive glossy buckthorn problem that dune-swale stands to the north
58 C North	6128 - Lowland O Deci Canopy Species hern White Cedar Red Maple Black Spruce White Pine Paper Birch White Spruce	Coniferous, iduous % Cover 40 20 5 5 10 5	Mixed S Size Class Log/Pole Log/Pole Pole/Sapling Log/Pole Pole Pole	DBH 12 12 6 12 7 16	er Well	76.5 Sub-Car Ta Mich White Blac	nopy Species ag Alder igan Holly te Spruce ck Spruce	Density High High Low Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet Variable Variable	Tall Shrub Tall Shrub Sapling Sapling	Reference Area (ERA). The stand alternates between high and low ground north-south running dune ridges and swale depressions created over centries by the receding lake Huron shoreline. A majority of the ridges are relatively low ground and most experience seasonal flooding. This stand is more dominated by swale depressions than the Dune Ridge Stand to the South. The ridges that exist are dominated by Northern White Cedar. The highest ground ridges is where mature red pine and white pine within the canopy are located. This stand does not have the invasive glossy buckthorn problem that dune-swale stands to the north
58 C North	6128 - Lowland C Deci Canopy Species hern White Cedar Red Maple Black Spruce White Pine Paper Birch White Spruce Red Pine Tamarack	Coniferous, iduous % Cover 40 20 5 5 10 5 8	Mixed S Size Class Log/Pole Log/Pole Pole/Sapling Log/XLog Log/XLog Pole/Sapling	DBH 12 12 6 12 7 16 15 5	er Well	76.5 Sub-Car Ta Mich White Blac	nopy Species ag Alder igan Holly te Spruce ck Spruce hite Pine	Density High High Low Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet Variable Variable	Tall Shrub Tall Shrub Sapling Sapling	Reference Area (ERA). The stand alternates between high and low ground north-south running dune ridges and swale depressions created over centries by the receding lake Huron shoreline. A majority of the ridges are relatively low ground and most experience seasonal flooding. This stand is more dominated by swale depressions than the Dune Ridge Stand to the South. The ridges that exist are dominated by Northern White Cedar. The highest ground ridges is where mature red pine and white pine within the canopy are located. This stand does not have the invasive glossy buckthorn problem that dune-swale stands to the north have.
58 North E	6128 - Lowland C Deci Canopy Species hern White Cedar Red Maple Black Spruce White Pine Paper Birch White Spruce Red Pine Tamarack	Coniferous, iduous % Cover 40 20 5 10 5 8 2 wland Ceda	Mixed S Size Class Log/Pole Log/Pole Pole/Sapling Log/XLog Log/XLog Pole/Sapling	DBH 12 12 6 12 7 16 15 5 8	er Well	76.5 Sub-Ca Ta Mich Whit Blac Wh	nopy Species ag Alder igan Holly te Spruce ck Spruce hite Pine	Density High High Low Low Trace	N/A Avg. Height 5 - 10 feet 5 - 10 feet Variable Variable Variable	Tall Shrub Tall Shrub Sapling Sapling	Reference Area (ERA). The stand alternates between high and low ground north-south running dune ridges and swale depressions created over centries by the receding lake Huron shoreline. A majority of the ridges are relatively low ground and most experience seasonal flooding. This stand is more dominated by swale depressions than the Dune Ridge Stand to the South. The ridges that exist are dominated by Northern White Cedar. The highest ground ridges is where mature red pine and white pine within the canopy are located. This stand does not have the invasive glossy buckthorn problem that dune-swale stands to the north have.
58 North E	6128 - Lowland O Deci Canopy Species hern White Cedar Red Maple Black Spruce White Pine Paper Birch White Spruce Red Pine Tamarack 6120 - Low	Coniferous, iduous % Cover 40 20 5 10 5 8 2 wland Ceda	, Mixed S Size Class Log/Pole Log/Pole Pole/Sapling Log/XLog Log/XLog Pole/Sapling	DBH 12 12 6 12 7 16 15 5 8	er Well	76.5 Sub-Car Ta Mich Whit Blac Wh 96.4 96.4 Sub-Car	ag Alder igan Holly te Spruce ck Spruce nite Pine	Density High Low Low Trace	N/A Avg. Height 5 - 10 feet Variable Variable Variable	Tall Shrub Tall Shrub Sapling Sapling Sapling	Reference Area (ERA). The stand alternates between high and low ground north-south running dune ridges and swale depressions created over centries by the receding lake Huron shoreline. A majority of the ridges are relatively low ground and most experience seasonal flooding. This stand is more dominated by swale depressions than the Dune Ridge Stand to the South. The ridges that exist are dominated by Northern White Cedar. The highest ground ridges is where mature red pine and white pine within the canopy are located. This stand does not have the invasive glossy buckthorn problem that dune-swale stands to the north have.
58 North E	6128 - Lowland O Deci Canopy Species hern White Cedar Red Maple Black Spruce White Pine Paper Birch White Spruce Red Pine Tamarack 6120 - Low Canopy Species	Coniferous, iduous % Cover 40 20 5 10 5 8 2	Mixed S Size Class Log/Pole Pole/Sapling Log/Pole Pole Log/XLog Log/XLog Pole/Sapling ar S Size Class	DBH 12 6 12 7 16 15 5 awtimb DBH	er Well	76.5 Sub-Cai Mich Whit Blac Wh 96.4 Sub-Cai	ag Alder igan Holly te Spruce tk Spruce hite Pine 125 nopy Species	Density High Low Low Trace	N/A Avg. Height 5 - 10 feet Variable Variable Variable N/A Avg. Height	Tall Shrub Tall Shrub Sapling Sapling Sapling	Reference Area (ERA). The stand alternates between high and low ground north-south running dune ridges and swale depressions created over centries by the receding lake Huron shoreline. A majority of the ridges are relatively low ground and most experience seasonal flooding. This stand is more dominated by swale depressions than the Dune Ridge Stand to the South. The ridges that exist are dominated by Northern White Cedar. The highest ground ridges is where mature red pine and white pine within the canopy are located. This stand does not have the invasive glossy buckthorn problem that dune-swale stands to the north have.
58 North E	6128 - Lowland O Deci Canopy Species hern White Cedar Red Maple Black Spruce White Pine Paper Birch White Spruce Red Pine Tamarack 6120 - Low Canopy Species hern White Cedar	Coniferous, iduous	Mixed S Size Class Log/Pole Log/Pole Pole/Sapling Log/XLog Log/XLog Pole/Sapling ar S Size Class Log/Pole	DBH 12 12 6 12 7 16 15 5 awtimb DBH 11	er Well	76.5 Sub-Car Ta Mich White Blac White Blac White Blac White Blac Sub-Car Ta Mich	ag Alder igan Holly te Spruce ok Spruce hite Pine 125 nopy Species ag Alder	Density High Low Low Trace	N/A Avg. Height 5 - 10 feet Variable Variable Variable N/A Avg. Height 5 - 10 feet	Tall Shrub Tall Shrub Sapling Sapling Sapling	Reference Area (ERA). The stand alternates between high and low ground north-south running dune ridges and swale depressions created over centries by the receding lake Huron shoreline. A majority of the ridges are relatively low ground and most experience seasonal flooding. This stand is more dominated by swale depressions than the Dune Ridge Stand to the South. The ridges that exist are dominated by Northern White Cedar. The highest ground ridges is where mature red pine and white pine within the canopy are located. This stand does not have the invasive glossy buckthorn problem that dune-swale stands to the north have.
58 North E	6128 - Lowland C Deci Canopy Species hern White Cedar Red Maple Black Spruce White Pine Paper Birch White Spruce Red Pine Tamarack 6120 - Low Canopy Species hern White Cedar Paper Birch	Coniferous, iduous % Cover 40 20 5 10 5 8 2 wland Ceda % Cover 60 10 10 5 8 2 10 10 10 10 10 10 10	, Mixed S Size Class Log/Pole Log/Pole Pole/Sapling Log/XLog Log/XLog Pole/Sapling ar S Size Class Log/Pole Pole/Log	DBH 12 12 6 12 7 16 15 5 awtimb DBH 11 9	er Well	76.5 Sub-Ca Ta Mich Whit Blac Wh 96.4 96.4 Sub-Ca Ta Mich Ba	nopy Species ag Alder igan Holly te Spruce ok Spruce hite Pine 125 nopy Species ag Alder igan Holly	Density High Low Low Trace	N/A Avg. Height 5 - 10 feet Variable Variable Variable N/A S - 10 feet 5 - 10 feet 5 - 10 feet	Tall Shrub Tall Shrub Sapling Sapling Sapling Sapling Tall Shrub Tall Shrub	Reference Area (ERA). The stand alternates between high and low ground north-south running dune ridges and swale depressions created over centries by the receding lake Huron shoreline. A majority of the ridges are relatively low ground and most experience seasonal flooding. This stand is more dominated by swale depressions than the Dune Ridge Stand to the South. The ridges that exist are dominated by Northern White Cedar. The highest ground ridges is where mature red pine and white pine within the canopy are located. This stand does not have the invasive glossy buckthorn problem that dune-swale stands to the north have.
58 North E	6128 - Lowland C Deci Deci Canopy Species hern White Cedar Red Maple Black Spruce White Pine Paper Birch White Spruce Red Pine Tamarack 6120 - Low Canopy Species hern White Cedar Paper Birch Red Maple	Coniferous, iduous % Cover 40 20 5 10 5 8 2 wland Ceda % Cover 60 10 10 10 10 10 10 10	, Mixed S Size Class Log/Pole Log/Pole Pole/Sapling Log/XLog Log/XLog Pole/Sapling Size Class Log/Pole Pole/Log Log/Pole	DBH 12 12 6 12 7 16 15 5	er Well	76.5 Sub-Ca Ta Mich Whit Blac Wh 96.4 96.4 Sub-Ca Ta Mich Ba	ag Alder igan Holly te Spruce ck Spruce hite Pine 125 nopy Species ag Alder igan Holly Isam Fir	Density High Low Low Trace	N/A Avg. Height 5 - 10 feet Variable Variable Variable Variable N/A Avg. Height 5 - 10 feet 5 - 10 feet Variable	Tall Shrub Tall Shrub Sapling Sapling Sapling Sapling Size Tall Shrub Tall Shrub Sapling	Reference Area (ERA). The stand alternates between high and low ground north-south running dune ridges and swale depressions created over centries by the receding lake Huron shoreline. A majority of the ridges are relatively low ground and most experience seasonal flooding. This stand is more dominated by swale depressions than the Dune Ridge Stand to the South. The ridges that exist are dominated by Northern White Cedar. The highest ground ridges is where mature red pine and white pine within the canopy are located. This stand does not have the invasive glossy buckthorn problem that dune-swale stands to the north have.

Report 7 – Stands

Compartment: 92 Year of Entry: 2023



Stand	Level 4 Co	over Type	S	ize De	nsity	Acres Stand Age BA Range			Managed S	Site	General Comments
60 4125 - Black,		, N. Pin Oak		Sawtimber Well		21.5	103	1-50	N/A		Recent shelterwood. Good advanced jack pine regen. The harvest of t
Canopy Species		% Cover	Size Class	DBH Age		Sub-Ca	nopy Species	Density	Avg. Height	Size	stand was completed in June of 1994 as part of Timber Sale Name: Devil's Crane Sale; Timber Sale No.: 54-049-93-01. All red pine, white
Blac	ck/Red (Hybrid) Oak	95	Log	11	-		Jack Pine Vhite Pine	High Low	Variable	1 0	pine, and oak were protected during the harvest. The jack pine have stunted growth beneath the oak canopy.
	Jack Pine	5	Pole/Log	9		Wł			Variable		
61	6139 - Mixed Lowland Forest				er Poor	15.5 75		1-50 N/A		This stand is too wet to the harvest. This is also unproductive forest lan where timber is concerned.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	where umber is concerned.
	Paper Birch	35	Pole/Log	8	75	Та	ig Alder	High	5 - 10 feet	Tall Shrub	
	Balsam Fir	25	Pole	6		Ba	lsam Fir	Low	Variable	Sapling	
	Red Maple	13	Log/Pole	12							
	White Spruce	12	Log	14							
No	rthern White Cedar	5	Log	13							
	Balsam Poplar	5	Log/Pole	11							
	Black Spruce	5	Pole	7							
62	4310 - Pir	ie, Oak Mix	C Po	Poletimber Well		39.4	39.4 47 8		10 N/A		The stand is less dense to the south. Scattered remnant log size red
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	pine and oak are present throughout the stand.
Blac	ck/Red (Hybrid) Oak	30	Pole/Log	9		Wł	nite Pine	Low	Variable	Sapling	-
	Jack Pine	50	Dolo/Conling	6	47	la	als Din a			<u> </u>	
		50	Pole/Sapling	0	47	Ja	ck Pine	Low	Variable	Sapling	
	Bigtooth Aspen	15	Pole/Sapiling Pole/Log	8	47		ed Pine	Low	Variable Variable	Sapling Sapling	
	-										
	Bigtooth Aspen	15 5	Pole/Log Log	8	47						This is railroad tracks and a gas pipeline easement.
63	Bigtooth Aspen Red Pine	15 5 h Intensity	Pole/Log Log Urban	8 12 Nonsto	47 ocked er Well	Re 47.5			Variable		This is railroad tracks and a gas pipeline easement. This stand is too wet to harvest.
63	Bigtooth Aspen Red Pine 123 - Other Hig	15 5 h Intensity vland Maple % Cover	Pole/Log Log Urban e Po Size Class	8 12 Nonsto	47 ocked er Well	47.5 8.7 Sub-Ca	ed Pine 70 nopy Species	Low	Variable No N/A Avg. Height	Sapling	This stand is too wet to harvest.
63	Bigtooth Aspen Red Pine 123 - Other Hig 6113 - Lov Canopy Species Red Maple	15 5 h Intensity vland Maple % Cover 65	Pole/Log Log Urban e Po Size Class Pole	8 12 Nonsto Detimb DBH 7	47 ocked er Well	47.5 8.7 Sub-Ca l Glossy	70 70 Mopy Species / Buckthorn	51-80 Density Medium	Variable No N/A Avg. Height 5 - 10 feet	Sapling	This stand is too wet to harvest.
63	Bigtooth Aspen Red Pine 123 - Other Hig 6113 - Lov Canopy Species Red Maple Tamarack	15 5 h Intensity vland Maple % Cover 65 3	Pole/Log Log Urban e Pole Size Class Pole Pole/Log	8 12 Nonsto Detimb DBH 7 8	47 ocked er Well	47.5 8.7 Sub-Ca Glossy Ba	70 70 Nopy Species / Buckthorn Isam Fir	51-80 Density Medium Medium	Variable No N/A Avg. Height 5 - 10 feet Variable	Sapling Size Tall Shrub Sapling	This stand is too wet to harvest.
63 64	Bigtooth Aspen Red Pine 123 - Other Hig 6113 - Low Canopy Species Red Maple Tamarack Paper Birch	15 5 h Intensity vland Maple % Cover 65 3 20	Pole/Log Log Urban e Po Size Class Pole	8 12 Nonstr bletimb DBH 7 8 6	47 ocked er Well	47.5 8.7 Sub-Ca Glossy Ba	70 70 Mopy Species / Buckthorn	51-80 Density Medium	Variable No N/A Avg. Height 5 - 10 feet	Sapling Size Tall Shrub	This stand is too wet to harvest.
63 64	Bigtooth Aspen Red Pine 123 - Other Hig 6113 - Lov Canopy Species Red Maple Tamarack	15 5 h Intensity Vand Maple 65 3 20 7	Pole/Log Log Urban e Pole Size Class Pole Pole/Log	8 12 Nonstand Detimber 7 8 6 12	47 ocked er Well	47.5 8.7 Sub-Ca Glossy Ba	70 70 Nopy Species / Buckthorn Isam Fir	51-80 Density Medium Medium	Variable No N/A Avg. Height 5 - 10 feet Variable	Sapling Size Tall Shrub Sapling	This stand is too wet to harvest.
63 64	Bigtooth Aspen Red Pine 123 - Other Hig 6113 - Low Canopy Species Red Maple Tamarack Paper Birch	15 5 h Intensity vland Maple % Cover 65 3 20	Pole/Log Log Urban e Pole Size Class Pole Pole/Log Pole	8 12 Nonstr bletimb DBH 7 8 6	47 ocked er Well	47.5 8.7 Sub-Ca Glossy Ba	70 70 Nopy Species / Buckthorn Isam Fir	51-80 Density Medium Medium	Variable No N/A Avg. Height 5 - 10 feet Variable	Sapling Size Tall Shrub Sapling	This stand is too wet to harvest.
63 64	Bigtooth Aspen Red Pine 123 - Other Hig 6113 - Low Canopy Species Red Maple Tamarack Paper Birch rthern White Cedar Balsam Fir 4131 - As	15 5 h Intensity Vand Maple 65 3 20 7	Pole/Log Urban Size Class Pole Pole/Log Pole/Log Pole Log Pole/Sapling	8 12 Nonsta oletimb DBH 7 8 6 12 5 oletimb	47 ocked er Well 1 Age 70 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Re 47.5 8.7 Sub-Cal Glossy Ba Mich 21.7	70 70 Nopy Species / Buckthorn Isam Fir igan Holly 42	51-80 Density Medium Medium	Variable No N/A Avg. Height 5 - 10 feet Variable	Sapling Size Tall Shrub Sapling	This stand is too wet to harvest.
63 64	Bigtooth Aspen Red Pine 123 - Other Hig 6113 - Low Canopy Species Red Maple Tamarack Paper Birch rthern White Cedar Balsam Fir	15 5 h Intensity Vand Maple % Cover 65 3 20 7 5	Pole/Log Urban e Pole Size Class Pole Pole/Log Pole/Log Pole/Sapling	8 12 Nonsta oletimb DBH 7 8 6 12 5 oletimb	47 ocked er Well 70	Re 47.5 8.7 Sub-Car Glossy Ba Mich 21.7 Sub-Car	70 70 nopy Species / Buckthorn Isam Fir igan Holly 42 nopy Species	Low 51-80 Density Medium Medium Medium	Variable No N/A Avg. Height 5 - 10 feet Variable 5 - 10 feet	Sapling Size Tall Shrub Sapling	This stand is too wet to harvest.
63 64 Nor	Bigtooth Aspen Red Pine 123 - Other Hig 6113 - Low Canopy Species Red Maple Tamarack Paper Birch rthern White Cedar Balsam Fir 4131 - As	15 5 h Intensity vland Maple % Cover 65 3 20 7 5 spen, Oak	Pole/Log Urban e Pole Size Class Pole Pole/Log Pole/Log Pole/Sapling	8 12 Nonsta oletimb DBH 7 8 6 12 5 oletimb	47 bocked er Well 1 Age 70 er Well 1 Age 105	Re 47.5 8.7 Sub-Car Glossy Ba Mich 21.7 Sub-Car	70 70 Nopy Species / Buckthorn Isam Fir igan Holly 42	Low	Variable No N/A Avg. Height 5 - 10 feet Variable 5 - 10 feet N/A	Size Tall Shrub Sapling Tall Shrub Sapling Tall Shrub	This stand is too wet to harvest. 28 acres of this stand at the north end was harvested and is now a new stand. The 2013 inventory data determined this stand to be 4310-Pine,
63 64 Nor 65	Bigtooth Aspen Red Pine 123 - Other Hig 6113 - Low Canopy Species Red Maple Tamarack Paper Birch rthern White Cedar Balsam Fir 4131 - As Canopy Species	15 5 h Intensity Vand Maple % Cover 65 3 20 7 5 spen, Oak % Cover	Pole/Log Log Urban e Pole Size Class Pole Pole/Log Pole/Log Pole/Sapling Pole/Sapling	8 12 Nonstand Deletimba 7 8 6 12 5 Deletimba DBH 0 12 5 Deletimba	47 ocked er Well 1 Age 70 er Well er Well	47.5 8.7 Sub-Ca Glossy Ba Mich 21.7 Sub-Ca Wh	70 70 nopy Species / Buckthorn Isam Fir igan Holly 42 nopy Species	Low 51-80 Density Medium Medium 81-110 Density	Variable No N/A Avg. Height 5 - 10 feet Variable 5 - 10 feet N/A Avg. Height	Size Tall Shrub Sapling Tall Shrub	This stand is too wet to harvest. 28 acres of this stand at the north end was harvested and is now a new stand. The 2013 inventory data determined this stand to be 4310-Pine, Oak Mix. The overstory and understory data was not retained for this
63 64 Nor 65	Bigtooth Aspen Red Pine 123 - Other Hig 6113 - Low Canopy Species Red Maple Tamarack Paper Birch rthern White Cedar Balsam Fir 4131 - As Canopy Species ck/Red (Hybrid) Oak	15 5 h Intensity √land Maple % Cover 65 3 20 7 5 spen, Oak % Cover 50	Pole/Log Log Urban Size Class Pole Pole/Log Pole/Log Pole/Sapling Size Class Log/Pole	8 12 Nonsta Detimb 7 8 6 12 5 Detetimb DBH 12	47 bocked er Well 1 Age 70 er Well 1 Age 105	47.5 8.7 Sub-Cai Glossy Ba Mich 21.7 Sub-Cai Wh Re	70 70 nopy Species / Buckthorn Isam Fir igan Holly 42 nopy Species nite Pine	Low Low Low Low Low Low Low	Variable No N/A Avg. Height 5 - 10 feet Variable 5 - 10 feet N/A Avg. Height Variable	Size Tall Shrub Sapling Tall Shrub Sapling Tall Shrub	This stand is too wet to harvest. 28 acres of this stand at the north end was harvested and is now a new stand. The 2013 inventory data determined this stand to be 4310-Pine, Oak Mix. The overstory and understory data was not retained for this

Report 7 – Stands



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Stand	Level 4 Co	over Type		Size D	ensity	Acres	Stand Age B	A Range	Managed S	ite	General Comments	
66	4130 - Aspen			Poletimber Well				51-80	N/A			
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size]	
	Red Maple	5	Pole/Log	8			alsam Fir	Low	Variable	Sapling		
Blac	k/Red (Hybrid) Oak	15	Log	14								
	Paper Birch	5	Pole	6								
E	Bigtooth Aspen	70	Pole	7	52							
	Balsam Fir	5	Pole	6								
67 4311 - Pine		e, Aspen Mix		Sawtimber Well		12.4	70	51-80	N/A			
	Canopy Species	% Cover	Size Class	DBI	H Age							
Blac	k/Red (Hybrid) Oak	20	Log/Pole	12								
	Jack Pine	35	Log/Pole	10								
	Red Pine	10	Log/Pole	12								
E	Bigtooth Aspen	35	Log	11	70							
68	4125 - Blacl	k, N. Pin O	ak s	Sawtim	oer Well	21.1	105	81-110	N/A			
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
Blac	k/Red (Hybrid) Oak	90	Log/Pole	12	105	W	hite Pine	High	10 - 20 feet	Sapling		
	White Pine	5	Pole/Log	8		R	ed Pine	Low	Variable	Sapling		
	Red Pine	5	Log/XLog	17						1	-	
69	6117 - Lowland Deciduous, Mixed Coniferous		Sawtimber Well		10.0 76		51-80 N/A			The east end of the stand is more dominant to balsam fir and the west end of the stand is more dominant to red maple. The oak is in the		
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	northeast point of the stand.	
	Red Maple	45	Log/Pole	11	76	Ba	alsam Fir	High	Variable	Sapling		
	Balsam Fir	34	Pole	7							_	
Blac	k/Red (Hybrid) Oak	1	Log/Pole	10								
	Paper Birch	10	Pole/Log	8								
(Quaking Aspen	10	Pole/Log	8								
70	4130 -	- Aspen F		Poletim	oer Well	11.1 27		51-80	N/A		The harvest of this stand was completed in 1984 as part of Timber Sale	
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Name: Shoreline Strip; Timber Sale No.: 54-064-83-01. All trees wit merchantable stick were harvested with the exception of red pine.	
Bigtooth Aspen		80	Pole/Sapling	g 5	27	White Pine		Trace	Variable	Sapling		
Black/Red (Hybrid) Oak		10	Pole	6		Red Pine		Trace	Variable	Sapling		
	Jack Pine	5	Pole	6	27	Ba	alsam Fir	Low	Variable	Sapling		
	Red Maple	5	Pole/Sapling	g 5		Ja	ack Pine	Trace	Variable	Sapling		
		eous Openland				3.0 I		mmature	No		This is an upland herbaceous opening with red maple, balsam fir, red	

Report 7 – Stands

Compartment: 92 Year of Entry: 2023

Stand	Level 4 Cover Type			Size De	ensity	Acres	Stand Age B	A Range	Managed S	Site	General Comments		
72	6120 - Low	vland Ceda	ır P	oletimb	er Well	15.4	114 111-140		N/A		This stand is too wet to harvest. The stand becomes more wet and the		
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	cedar becomes smaller in diameter as you move from west to east in th stand. There is a long narrow lowland coniferous, mixed deciduous 1.8		
	Paper Birch	5	Pole	7		Ba	lsam Fir	High	10 - 20 feet	Sapling	acre pocket running along the north edge of the stand dominated by poly		
	Balsam Fir	15	Pole/Sapling	5							size balsam fir and log size red maple.		
No	rthern White Cedar	80	Pole/Log	9	114								
73	6121 - T	amarack			er Well	5.8	54	1-50	N/A		A 6 inch DBH tamarack aged at 49 plus 5 equals 54 years of age. This stand is too wet to harvest.		
	Canopy Species		Size Class	DBH	I Age		nopy Species	Density	Avg. Height	Size			
	Tamarack	83	Pole	6	54	Та	ag Alder	High	5 - 10 feet	Tall Shrub			
No	orthern White Cedar	10	Pole/Sapling	5		Gloss	y Buckthorn	Low	5 - 10 feet	Tall Shrub			
	Paper Birch	5	Pole/Sapling	5									
	Black Spruce	1	Pole/Sapling	5									
	Red Maple	1	Pole/Sapling	5									
74	6128 - Lowland C Decie	Coniferous, duous	Mixed S	awtimb	er Well	1.4	114	81-110	N/A		This is a nice little ridge that adds diversity to the area. The cedar are more to the west and the oak are more to the east.		
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size			
	Red Maple	30	Log	11		Ba	lsam Fir	Medium	< 5 feet	Sapling	-		
	Paper Birch	5	Pole	8		Та	ag Alder	Medium	< 5 feet	Tall Shrub			
	Balsam Fir	25	Pole/Log	9	59								
No	orthern White Cedar	30	Log	11	114								
Bla	ck/Red (Hybrid) Oak	5	Log/Pole	12									
	Tamarack	5	Pole	8									
75	622 - Low	land Shrub)	Nonsto	ocked	1.1			No				
76	4191 - Mixed Upla Coi	nd Deciduo nifer	ous with S	awtimb	er Well	7.5	58	81-110	N/A		This is a mixed bag small-ridge stand. The stand adds some nice species and larger tree diversity to an area that has seen a lot of		
	Conony Encoire	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	management.		
	Canopy Species								Maniahla	o "	1		
	Red Maple	15	Log	12		Ba	lsam Fir	Low	Variable	Sapling			
		15 22	Log Log	12 12	58	Ba	lsam Fir	Low	variable	Sapling			
	Red Maple		0		58	Ba	lsam Fir	Low	Variable	Sapling			
	Red Maple Bigtooth Aspen	22	Log	12	58 35	Ba	lsam Fir	Low	Variable	Sapling			
Blae	Red Maple Bigtooth Aspen Paper Birch	22 20	Log Pole	12 8		Ba	Isam Fir	Low	Variable	Sapling			
Blac	Red Maple Bigtooth Aspen Paper Birch Balsam Fir	22 20 10	Log Pole Pole/Log	12 8 8		Ba	Isam Fir	Low	Variable	Sapling			

Report 7 – Stands

Compartment: 92 Year of Entry: 2023	AND NATURE AND UNROL
General Comments	B. MICHIGAN . S
ement purposes this is lowland shrut	o with

Stand	Level 4 Cover Type			Size Density		Acres Stand Age	BA Range	Managed Site		General Comments	
77	6119 - Mixed Lowla	nd Deciduo	ous Forest Po		er Poor	4.2 70	51-80	N/A		For all intensive management purposes this is lowland shrub with scattered pull to log-sized red maple and pole sized paper birch.	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Species	Density	Avg. Height	Size		
	Red Maple	45	Pole/Log	8	70	Tag Alder	High	5 - 10 feet	Tall Shrub		
	Balsam Fir	10	Pole	6		Michigan Holly	High	5 - 10 feet	Tall Shrub		
	Paper Birch	45	Pole	7	70						
78	4125 - Blac	k, N. Pin O	ak S		er Well	14.4 105	51-80	N/A		This stand has seen various disturbances/management creating an uneven aged stand between the aspen, jack pine, and oak.	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Species	Density	Avg. Height	Size		
Blac	ck/Red (Hybrid) Oak	88	Log/Pole	12	105	Red Pine	Low	Variable	Sapling		
	Bigtooth Aspen	5	Log/Pole	10		White Pine	Low	Variable	Sapling		
	Red Pine	2	Log	12		Balsam Fir	Low	Variable	Sapling		
	Jack Pine	5	Pole/Sapling	6						-	
79	4125 - Blac	k, N. Pin O	ak S	awtimb	er Well	5.8 105	81-110	N/A			
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Species	Density	Avg. Height	Size		
Blac	ck/Red (Hybrid) Oak	80	Log	12	105	Balsam Fir	Low	Variable	Sapling		
	Bigtooth Aspen	10	Log	12		White Pine	Low	Variable	Sapling		
	Digtootii Asperi		209					, and bro	1 0		
	Jack Pine	10	Pole/Sapling	5					1 0	1	
80	Jack Pine	-	Pole/Sapling		ocked	4.2		No			
	Jack Pine 622 - Low 6117 - Lowland I	10 /land Shrub	Pole/Sapling	5 Nonsto	ocked ber Well	4.2 10.5 44	1-50			While similar to stands to the west, this stand is too at the harvest.	
	Jack Pine 622 - Low 6117 - Lowland I	10 /land Shrub Deciduous, ferous	Pole/Sapling	5 Nonsto			1-50	No	Size	While similar to stands to the west, this stand is too at the harvest.	
	Jack Pine 622 - Low 6117 - Lowland I Coni	10 /land Shrub Deciduous, ferous	Pole/Sapling Mixed Po	5 Nonsto	er Well	10.5 44	1-50	No N/A]	
	Jack Pine 622 - Low 6117 - Lowland I Coni Canopy Species	10 /land Shrub Deciduous, ferous % Cover	Pole/Sapling Mixed Pole Size Class	5 Nonsto oletimb	er Well	10.5 44 Sub-Canopy Species	1-50 Density	No N/A Avg. Height	Size]	
	Jack Pine 622 - Low 6117 - Lowland I Coni Canopy Species Red Maple	10 Iland Shrub Deciduous, ferous % Cover 20	Pole/Sapling Mixed Pole	5 Nonsto oletimb DBH	er Well	10.5 44 Sub-Canopy Species Tag Alder	1-50 Density High	No N/A Avg. Height 5 - 10 feet	Size Tall Shrub]	
	Jack Pine 622 - Low 6117 - Lowland I Coni Canopy Species Red Maple Quaking Aspen	10 land Shrub Deciduous, ferous % Cover 20 5	Pole/Sapling Mixed Pole Size Class Pole Pole/Sapling	5 Nonsto oletimb DBH 8 7	er Well	10.5 44 Sub-Canopy Species Tag Alder	1-50 Density High	No N/A Avg. Height 5 - 10 feet	Size Tall Shrub]	
	Jack Pine 622 - Low 6117 - Lowland I Coni Canopy Species Red Maple Quaking Aspen Balsam Poplar	10 /land Shrub Deciduous, ferous % Cover 20 5 20	Pole/Sapling Mixed Pole Size Class Pole Pole/Sapling Pole	5 Nonsta oletimb 8 7 7	er Well	10.5 44 Sub-Canopy Species Tag Alder	1-50 Density High	No N/A Avg. Height 5 - 10 feet	Size Tall Shrub]	
	Jack Pine 622 - Low 6117 - Lowland I Coni Canopy Species Red Maple Quaking Aspen Balsam Poplar Balsam Fir	10 /land Shrub Deciduous, ferous % Cover 20 5 20 20 20 20 25	Pole/Sapling Mixed Pole Size Class Pole Pole/Sapling Pole/Sapling	5 Nonsto oletimb BBH 8 7 7 6	er Well	10.5 44 Sub-Canopy Species Tag Alder	1-50 Density High	No N/A Avg. Height 5 - 10 feet	Size Tall Shrub		
80 81 81 82	Jack Pine 622 - Low 6117 - Lowland I Coni Canopy Species Red Maple Quaking Aspen Balsam Poplar Balsam Fir Paper Birch Black Spruce	10 /land Shrub Deciduous, ferous % Cover 20 5 20 25 20 20	Pole/Sapling Mixed Pole Size Class Pole Pole/Sapling Pole/Sapling Pole/Sapling Pole Pole Pole Pole Pole Pole Pole Pole	5 Nonsta oletimb BH 8 7 6 7	er Well	10.5 44 Sub-Canopy Species Tag Alder	1-50 Density High	No N/A Avg. Height 5 - 10 feet	Size Tall Shrub]	
81	Jack Pine 622 - Low 6117 - Lowland I Coni Canopy Species Red Maple Quaking Aspen Balsam Poplar Balsam Fir Paper Birch Black Spruce 622 - Low	10 /land Shrub Deciduous, ferous 20 20 20 20 20 20 10	Pole/Sapling Mixed Pole Size Class Pole Pole/Sapling Pole Pole Pole Pole	S Nonsto oletimb 8 7 7 6 7 6 7 7 8 7 8 7 7 8 7 8 7 7 8 8 7 7 8 7 8	er Well Age 44 bocked ber Well	10.5 44 Sub-Canopy Species Tag Alder Balsam Fir	1-50 Density High High	No N/A Avg. Height 5 - 10 feet Variable	Size Tall Shrub	This stand is too wet to harvest. The stand age matches the following	
81	Jack Pine 622 - Low 6117 - Lowland I Coni Canopy Species Red Maple Quaking Aspen Balsam Poplar Balsam Fir Paper Birch Black Spruce 622 - Low	I 10 I and Shrub Deciduous, ferous Cover 20 20 25 20 25 20 10 Vland Shrub Vland Aspe	Pole/Sapling Mixed Pole Size Class Pole Pole/Sapling Pole Pole Pole Pole	S Nonsto oletimb 8 7 7 6 7 6 7 7 8 7 8 7 7 8 7 8 7 7 8 8 7 7 8 7 8	ber Well I Age 44 44 bocked	10.5 44 Sub-Canopy Species Tag Alder Balsam Fir 2.5	1-50 Density High High High	No N/A Avg. Height 5 - 10 feet Variable No	Size Tall Shrub		
81	Jack Pine 622 - Low 6117 - Lowland I Coni Canopy Species Red Maple Quaking Aspen Balsam Poplar Balsam Fir Paper Birch Black Spruce 622 - Low 6112 - Low Canopy Species Quaking Aspen	I 10 I and Shrub Deciduous, ferous Cover 20 20 25 20 25 20 10 Vland Shrub Vland Aspe	Pole/Sapling Mixed Pole Size Class Pole Pole/Sapling Pole/Sapling Pole Pole Pole	S Nonsto oletimb 8 7 7 6 7 6 7 7 8 7 8 7 7 8 7 8 7 7 8 8 7 7 8 7 8	er Well Age 44 bocked ber Well	10.544Sub-Canopy SpeciesTag AlderBalsam Fir2.55.235	1-50 Density High High High	No N/A Avg. Height 5 - 10 feet Variable No	Size Tall Shrub Sapling	This stand is too wet to harvest. The stand age matches the following harvest record. In April of 1988 a timber sale including the harvest of 7 acres was completed in the vicinity of this stand. This was Timber Sale Name: Stray Cat Block; Timber Sale No.: 54-078-83-01. All trees with	
81	Jack Pine 622 - Low 6117 - Lowland I Coni Canopy Species Red Maple Quaking Aspen Balsam Poplar Balsam Fir Paper Birch Black Spruce 622 - Low 6112 - Low	10 /land Shrub Deciduous, ferous % Cover 20 20 20 20 20 10	Pole/Sapling Mixed Pole Size Class Pole Pole/Sapling Pole Pole/Sapling Pole Pole Pole Sapling Pole Size Class	S Nonsto DBH 8 7 7 6 7 7 8 7 7 8 7 7 8 0 8 7 7 7 8 0 8 8 7 7 7 8 7 7 8 7 7 8 8 7 7 7 8 8 7 7 7 8 8 7 7 8 8 7 7 8 8 7 7 7 8 8 8 7 7 7 8 8 8 7 7 7 8 8 8 7 7 7 8 8 8 7 7 7 8 8 8 7 7 7 8 8 8 7 7 7 8 8 8 7 7 7 8 8 8 7 7 7 8 8 8 7 7 7 8 8 8 7 7 7 8 8 8 7 7 7 8 8 8 8 7 7 7 8 8 8 8 7 7 7 8 8 8 8 7 7 7 8 8 8 8 8 7 7 8 8 8 8 8 7 7 7 8	ber Well I Age 44 44 bocked	10.5 44 Sub-Canopy Species Tag Alder Balsam Fir 2.5 5.2 35 Sub-Canopy Species	1-50 Density High High High High 1-50 Density	No N/A Avg. Height 5 - 10 feet Variable No No N/A Avg. Height	Size Tall Shrub Sapling	This stand is too wet to harvest. The stand age matches the following harvest record. In April of 1988 a timber sale including the harvest of 7 acres was completed in the vicinity of this stand. This was Timber Sale	

Paper Birch

45

Pole

6

35

Report 7 – Stands

Compartment: 92 Year of Entry: 2023 DNR DNR

Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
84	42210 - Nat	ural Red Pi	ine S	Sawtimbe	er Poor	2.5	86	51-80	N/A		This small red pine stand makes for a nice diversity pocket to the area.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	The southern portion of this red pine stand was struck by a tornado, and after a salvage harvest is now a separate stand.
	Red Pine	92	Log	12	86	R	ed Oak	Low	Variable	Seeding	
Blac	k/Red (Hybrid) Oak	5	Pole/Sapling	J 5		Ba	lsam Fir	Low	Variable	Sapling	
	Paper Birch	1	Pole/Sapling	5		R	ed Pine	Low	Variable	Sapling	
	Jack Pine	1	Pole	6							
	White Pine	1	Log	16							
85	6117 - Lowland I Coni	Deciduous, ferous	Mixed F	Poletimbo	er Well	4.7	49	51-80	N/A		Although it has its mud pockets, this stand should be harvestable in dry summer.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	40	Pole/Log	8	49	Ва	Isam Fir	Full	Variable	Sapling	
	Paper Birch	20	Pole/Log	8							-
	Balsam Fir	30	Pole/Sapling	J 5							
	Black Spruce	10	Pole	7							
86	42210 - Nat	ural Red Pi	ine S	Sawtimbe	er Well	9.5	83	81-110	N/A		A 11.5" DBH red pine aged at 77 + 6 = 83.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Pine	65	Log	12	83	WI	nite Pine	Low	Variable	Sapling	
Blac	k/Red (Hybrid) Oak	25	Log	11		R	ed Pine	Low	Variable	Sapling	
	Bigtooth Aspen	10	Log	12							
87	622 - Low	land Shrub)	Nonsto	cked	3.4	I	Immature	No		Stand under water.
88	6120 - Lov	vland Ceda	ar S	Sawtimbe	er Well	4.5	114	111-140	N/A		The cedar is found in pockets. This stand is too wet to harvest.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	15	Log/Pole	11		Ва	Isam Fir	Low	Variable	Sapling	
	Paper Birch	15	Pole	8		Та	ig Alder	Medium	5 - 10 feet	Tall Shrub	
	Balsam Fir	15	Pole	7	-						-
Nor	thern White Cedar	55	Log	11	114						
89	6123 - Lo	owland Fir	Po	oletimber	Mediun	n 2.7	59	1-50	N/A		This stand is too wet too harvest. A 7" DBH balsam fir aged at 49 + 10
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	59 years of age. There is lots of windthrow.
	Red Maple	5	Log	12		Ba	lsam Fir	High	< 5 feet	Sapling	
	Balsam Fir	80	Pole	7	59	Та	ig Alder	Medium	< 5 feet	Tall Shrub	
	Balsam Poplar	5	Pole/Log	9							-
	Paper Birch	5	Log	11							
	Quaking Aspen	5	Log/Pole	11							
90	622 - Low	land Shrub)	Nonsto	cked	1.5	I	Immature	No		This is dense lowland shrub with some stunned cedar mixed in.

Report 7 – Stands



DNR

Stand	d Level 4 C	over Type	:	Size De	ensitv	Acres	Stand Age B	A Range	Managed S	Site	General Comments
91	6117 - Lowland Con	Deciduous, iferous	Mixed F	Poletimber Well		Well 4.6	70	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBł	- Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	50	Pole/Log	9	70		alsam Fir	High	Variable	Sapling	
	Balsam Fir	30	Pole/Sapling	5		Ta	ag Alder	Medium	5 - 10 feet	Tall Shrub	
	Paper Birch	20	Pole	6		Gloss	y Buckthorn	Low	< 5 feet	Tall Shrub	
92	6115 - Lo	owland Ash		Saplin	g Well	0.8	5 I	mmature	N/A		This is a drainage area through what is already low ground. It is
	Canopy Species	% Cover	Size Class	DBł	- Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	dominated by young ash trees that will likely be hit by emerald ash bore when they reach a couple inches in diameter.
	Green Ash	60	Sapling	1	5	Ta	ag Alder	High	< 5 feet	Tall Shrub	
	Black Ash	40	Sapling	1	5		_			1	_
93	6112 - Lowland Aspen Po			Poletim	oer Well	7.1	39		N/A		This stand has wet mucky soil throughout. The slightly higher elevation
	Canopy Species	Canopy Species % Cover Size Class DBH Age		Sub-Ca	nopy Species	Density	Avg. Height	Size	in this stand lends to it having more quaking aspen than balsam poplar.		
	Quaking Aspen	50	Pole	7	39	Ta	ag Alder	Low	< 5 feet	Tall Shrub	
	Balsam Poplar	30	Pole	7	39	BI	lack Ash	Medium	Variable	Sapling	
	Balsam Fir	10	Pole/Sapling	5		Ba	alsam Fir	Medium	Variable	Sapling	
	Black Ash	10	Pole/Sapling	5							
94	6112 - Lov	wland Aspe	n S	Sawtimt	oer Well	10.2	57	51-80	N/A		This stand is more wet than the wet stand 41 to the SW in most areas
	Canopy Species	% Cover	Size Class	DBł	- Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	and this stand is especially wet to the SE. This stand may have been harvest able when the winters were colder. This stand is too wet to
	Red Maple	10	Log/Pole	11		Ta	ag Alder	Low	5 - 10 feet	Tall Shrub	harvest now.
	Quaking Aspen	58	Log/Pole	10	57	Ba	alsam Fir	Full	Variable	Sapling	
	Balsam Fir	20	Pole/Log	8	35						
	Paper Birch	5	Pole	7							
	Balsam Poplar	5	Log/Pole	10	57						
No	orthern White Cedar	2	Log/Pole	11							
95	6120 - Lo	wland Ceda	ır F		ber Well	14.3	70	141-170	N/A		In the east end of this stand there are some higher ground more vigorously growing cedar. The age for this stand was taken in the higher
	Canopy Species	% Cover	Size Class	DBł	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	ground area. Northeastern portions of this stand may be too wet to
No	orthern White Cedar	65	Pole/Log	8	70	Ba	alsam Fir	Medium	Variable	Sapling	harvest.
	Black Spruce	20	Pole/Log	8							
	Balsam Fir	10	Pole	6							
	Paper Birch	2	Pole	8							
	White Spruce	3	XLog/Log	19							

Report 7 – Stands



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											fear of Entry: 2023
Stand	Level 4 Co	over Type	ŝ	Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
96	4310 - Pir	ne, Oak Mix	k S	awtimb	er Well	1.8	80	81-110	N/A		
Car	nopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
R	ed Maple	5	Pole	6		Black/Re	d (Hybrid) Oak	Low	Variable	Sapling	
Qua	aking Aspen	20	Log/Pole	10		Ва	lsam Fir	Low	Variable	Sapling	
F	Red Pine	50	Log	13	80	R	ed Pine	Low	Variable	Sapling	
Bigt	tooth Aspen	5	Log	12				·			
J	lack Pine	5	Pole/Log	8							
Black/Re	ed (Hybrid) Oak	15	Pole	6							
97	622 - Low	land Shrub)	Nonsto	ocked	1.7			No		
98	42330 -	Upland Fir	Р	oletimb	er Well	2.3	62	51-80	N/A		The stand is open in the center.
Car	nopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
R	ed Maple	6	Log/Pole	10		Ba	Isam Fir	Low	Variable	Sapling	
Pa	aper Birch	10	Pole/Log	9							
Ba	alsam Fir	70	Pole/Log	8	62						
Bigt	tooth Aspen	2	Log	12							
Black/Re	ed (Hybrid) Oak	5	Pole/Log	8							
Qua	aking Aspen	7	Log/Pole	10							
99	622 - Low	land Shrub)	Nonsto	ocked	1.7	I	mmature	No		
	19 - Mixed Lowla				er Well	2.0	49	1-50	N/A		This stand is borderline too wet to harvest but can be harvested during drv summer.
Car	nopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	dry summer.
Ca r	nopy Species ted Maple	% Cover 50	Size Class Pole	DB F 8		Sub-Ca Ta	nopy Species ag Alder	Density Low	Avg. Height 5 - 10 feet	Tall Shrub	dry summer.
Car Ri Pa	nopy Species led Maple aper Birch	% Cover 50 40	Size Class Pole Pole/Log	DBH 8 9	Age	Sub-Ca Ta	nopy Species	Density	Avg. Height		dry summer.
Car Re Pa Ba	nopy Species led Maple aper Birch alsam Fir 6117 - Lowland I	% Cover 50 40 10	Size Class Pole Pole/Log Pole/Sapling	DBH 8 9 6	Age	Sub-Ca Ta	nopy Species ag Alder	Density Low	Avg. Height 5 - 10 feet	Tall Shrub	dry summer.
Car Ri Pa Bi	nopy Species Led Maple aper Birch alsam Fir 6117 - Lowland I Coni	% Cover504010Deciduous, ferous	Size Class Pole Pole/Log Pole/Sapling Mixed P	DBH 8 9 6 oletimb	er Well	Sub-Ca Ta Ba 9.4	nopy Species ag Alder Isam Fir 70	DensityLowFull1-50	Avg. Height 5 - 10 feet Variable N/A	Tall Shrub Sapling	dry summer.
Car Ri Pa Bi 101	nopy Species ed Maple aper Birch alsam Fir 6117 - Lowland I Coni nopy Species	% Cover504010Deciduous, ferous% Cover	Size Class Pole/Log Pole/Sapling Mixed P Size Class	DBH 8 9 6 oletimb	49	Sub-Ca Ta Ba 9.4 Sub-Ca	nopy Species ag Alder Isam Fir 70 nopy Species	Density Low Full 1-50 Density	Avg. Height 5 - 10 feet Variable N/A Avg. Height	Tall Shrub Sapling Size	dry summer.
Car R Pa Ba 101 Car R	nopy Species add Maple aper Birch alsam Fir 6117 - Lowland I Coni nopy Species add Maple	% Cover 50 40 10 Deciduous, ferous % Cover 20	Size Class Pole Pole/Log Pole/Sapling Mixed P Size Class Log/Pole	DBH 8 9 6	er Well	Sub-Ca Ta Ba 9.4 Sub-Ca Ba	nopy Species ag Alder Isam Fir 70 nopy Species Isam Fir	Density Low Full 1-50 Density High	Avg. Height 5 - 10 feet Variable N/A Avg. Height Variable	Tall Shrub Sapling Size Sapling	dry summer. This stand is highly wet at the west end. The ground becomes higher a you move east.
Car Ra Pa Ba 101 Car Ra Qua	nopy Species add Maple aper Birch alsam Fir 6117 - Lowland I Coni nopy Species add Maple aking Aspen	% Cover 50 40 10 Deciduous, ferous % Cover 20 25	Size Class Pole Pole/Log Pole/Sapling Mixed P Size Class Log/Pole Log/Pole	DBH 8 9 6 ooletimb DBH 10 12	er Well	Sub-Ca Ta Ba 9.4 Sub-Ca Ba	nopy Species ag Alder Isam Fir 70 nopy Species	Density Low Full 1-50 Density	Avg. Height 5 - 10 feet Variable N/A Avg. Height	Tall Shrub Sapling Size	dry summer. This stand is highly wet at the west end. The ground becomes higher a you move east.
Car Ra Pa Ba 101 Car Ra Qua Ba	nopy Species add Maple aper Birch alsam Fir 6117 - Lowland I Coni nopy Species ted Maple aking Aspen alsam Fir	% Cover 50 40 10 Deciduous, ferous % Cover 20 25 20	Size Class Pole/Log Pole/Sapling Mixed P Size Class Log/Pole Log/Pole Pole/Sapling	DBH 8 9 6 oletimb DBH 10 12 5	er Well	Sub-Ca Ta Ba 9.4 Sub-Ca Ba	nopy Species ag Alder Isam Fir 70 nopy Species Isam Fir	Density Low Full 1-50 Density High	Avg. Height 5 - 10 feet Variable N/A Avg. Height Variable	Tall Shrub Sapling Size Sapling	dry summer. This stand is highly wet at the west end. The ground becomes higher a you move east.
Car Ri Pa Bi 101 Car Ri Qua Bi Bla	nopy Species aper Birch alsam Fir 6117 - Lowland I Coni nopy Species ted Maple aking Aspen alsam Fir ack Spruce	% Cover 50 40 10 Deciduous, ferous % Cover 20 25 20 55	Size Class Pole Pole/Log Pole/Sapling Mixed P Size Class Log/Pole Log/Pole Pole/Sapling Pole/Sapling Pole/Sapling	DBH 8 9 6 0 0 0 0 0 0 0 0 0 0 0 0 0	er Well	Sub-Ca Ta Ba 9.4 Sub-Ca Ba	nopy Species ag Alder Isam Fir 70 nopy Species Isam Fir	Density Low Full 1-50 Density High	Avg. Height 5 - 10 feet Variable N/A Avg. Height Variable	Tall Shrub Sapling Size Sapling	dry summer. This stand is highly wet at the west end. The ground becomes higher a you move east.
Car Ra Ba 101 Car Ra Qua Ba Bla Norther	hopy Species aper Birch alsam Fir 6117 - Lowland I Coni nopy Species ted Maple aking Aspen alsam Fir ack Spruce rn White Cedar	% Cover 50 40 10 Deciduous, ferous 20 25 20 5 5	Size Class Pole/Log Pole/Sapling Mixed P Size Class Log/Pole Log/Pole Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling	DBH 8 9 6 0 0 0 0 0 0 0 0 0 0 0 0 0	er Well	Sub-Ca Ta Ba 9.4 Sub-Ca Ba	nopy Species ag Alder Isam Fir 70 nopy Species Isam Fir	Density Low Full 1-50 Density High	Avg. Height 5 - 10 feet Variable N/A Avg. Height Variable	Tall Shrub Sapling Size Sapling	dry summer. This stand is highly wet at the west end. The ground becomes higher a you move east.
Car Ra Pa Ba 101 Car Ra Qua Bia Norther Pa	nopy Species add Maple aper Birch alsam Fir 6117 - Lowland I Coni nopy Species add Maple aking Aspen alsam Fir ack Spruce rn White Cedar aper Birch	Cover 50 40 10 Deciduous, ferous 20 25 20 55 5 5 15	Size Class Pole/Log Pole/Sapling Mixed P Size Class Log/Pole Log/Pole Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole Pole Pole Pole Pole Pole	DBH 8 9 6 oletimb DBH 10 12 5 6 10 7	er Well	Sub-Ca Ta Ba 9.4 Sub-Ca Ba	nopy Species ag Alder Isam Fir 70 nopy Species Isam Fir	Density Low Full 1-50 Density High	Avg. Height 5 - 10 feet Variable N/A Avg. Height Variable	Tall Shrub Sapling Size Sapling	dry summer. This stand is highly wet at the west end. The ground becomes higher a you move east.
Car Ra Pa Ba 101 Car Ra Qua Ba Bla Norther Pa Bals	hopy Species aper Birch alsam Fir 6117 - Lowland I Coni nopy Species ted Maple aking Aspen alsam Fir ack Spruce rn White Cedar	% Cover 50 40 10 Deciduous, ferous 20 25 20 5 5	Size Class Pole/Log Pole/Sapling Mixed P Size Class Log/Pole Log/Pole Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling	DBH 8 9 6 0 0 0 0 0 0 0 0 0 0 0 0 0	er Well	Sub-Ca Ta Ba 9.4 Sub-Ca Ba	nopy Species ag Alder Isam Fir 70 nopy Species Isam Fir	Density Low Full 1-50 Density High	Avg. Height 5 - 10 feet Variable N/A Avg. Height Variable	Tall Shrub Sapling Size Sapling	dry summer. This stand is highly wet at the west end. The ground becomes high you move east.

Report 7 – Stands



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Stand	Level 4 Co	over Type		Size De	ensity	Acres	Stand Age E	3A Range	Managed S	Site	General Comments
102	6120 - Lov	vland Ceda	r F	Poletimber Well		2.5	89	111-140	N/A		
	Canopy Species	% Cover	Size Class	DBł	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Paper Birch	5	Pole	6		Bal	lsam Fir	Low	Variable	Sapling	
	Black Spruce	5	Pole/Log	9		Та	g Alder	Medium	5 - 10 feet	Tall Shrub	
Nor	thern White Cedar	75	Pole	6	89						
	Tamarack	15	Pole	7							
103	6239 - Mixed E	mergent W	etland	Nonst	ocked	2.1		Immature	No		This is marsh.
104	6120 - Lov	vland Ceda	r F	Poletim	ber Well	1.4	114	1-50	N/A		This is a narrow strip of lowland but slightly higher ground trees pinched between lowland shrub and lower ground tamarack. This stand is too wet
	Canopy Species	% Cover	Size Class	DBł	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	and isolated to be harvested.
	Tamarack	45	Log/Pole	10		Та	g Alder	High	5 - 10 feet	Tall Shrub	
Nor	thern White Cedar	55	Log/Pole	11	114	Glossy	/ Buckthorn	Low	5 - 10 feet	Tall Shrub	
105	622 - Low	land Shrub		Nonst	ocked	4.0		Immature	No		For all intensive management purposes, this is lower and shrub. There are scattered pole sized spruce, red maple, and paper birch mixed in.
106	4319 - Mixed	Upland Fo	rest s	Sawtimb	er Well	2.6	70	81-110	N/A		Due to the small size of the stand and the high level of diversity, an estimate was done on the age.
	Canopy Species	% Cover	Size Class		I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	esumate was done on the age.
	Red Pine	13	Log	15		Bal	lsam Fir	Medium	Variable	Sapling	
I	Bigtooth Aspen	15	Log	15							
	Black Spruce	10	Pole	8							
	Red Maple	15	Log/Pole	11							
	White Spruce	10	Log/Pole	11							
	Paper Birch	10	Pole	8							
	Balsam Fir	20	Pole	8	70						
	White Pine	2	XLog	22							
(Quaking Aspen	5	Log	14							
	42330 -	Upland Fir	Po	oletimbe	r Mediur	m 5.1	45	1-50	N/A		
107											
	Canopy Species	% Cover	Size Class	DB	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
107	Canopy Species Balsam Fir	% Cover 94	Size Class Pole/Sapling		Age 45		n opy Species Isam Fir	Density Low	Avg. Height Variable	Size Sapling	
					_						

Size Density

Level 4 Cover Type

Stand

Report 7 – Stands

Managed Site

Acres Stand Age BA Range

Compartment: 92 Year of Entry: 2023	DNR DNR
General Comments	Alichigan .
n is towards 85 percent in the SE cor	ner where

								-	U	ile	General Comments
108	6120 - Low	land Ceda	r S			6.6			N/A		The cedar concentration is towards 85 percent in the SE corner where $_{\Box}$ the cedar average 12" DBH.
C	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Red Maple	9	Log/Pole	11		Bals	am Fir	Low	Variable	Sapling	
Q	Quaking Aspen	10	Log	11							
١	White Spruce	4	Log/Pole	10							
North	hern White Cedar	70	Log/Pole	10	114						
	Paper Birch	5	Pole/Log	9							
I	Black Spruce	1	Log	11							
	White Pine	1	XLog/Log	19							
109	6124 - Lowla	nd Spruce	-Fir P	oletimb	er Well	6.7	73	51-80	N/A		This stand is not too wet to harvest as the similar stand to the east is.
C	Canopy Species % Cover Size CI		Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	This has a more dense canopy and some slightly higher ground. A stream winding through the stand makes access to the full stand difficult
	Red Maple	15	Log	13		Bals	am Fir	Full	Variable	Sapling	There are some extremely large quaking aspen in this stand that give th
Q	Quaking Aspen	10	XLog/Log	20	L				I	1	impression that this stand has not seen a harvest in a very long time.
	Balsam Fir	40	Pole/Sapling	6	73						
North	hern White Cedar	10	Log/Pole	10							
١	White Spruce	10	Log/XLog	16							
I	Black Spruce	5	Log/Pole	10							
	Paper Birch	10	Pole	7							
110	622 - Low	land Shrub		Nonsto	cked	5.5		Immature	No		This is a drainage that looks to be flowing from west to east.
	6124 - Lowland Spruce-Fir			Poletimber Well							
111	6124 - LOWIA	nd Spruce	-Fir P	oletimb	er Well	1.1	47	1-50	N/A		The age of the trees are variable: 3" balsam poplar 22 years; 3" and 4"
	Canopy Species		Fir P Size Class		er Well Age		47 opy Species		N/A Avg. Height	Size	DBH balsam fir 43 to 51 years; paper birch 24 years. In the portions of
						Sub-Can				Size Sapling	
C	Canopy Species	% Cover	Size Class	DBH		Sub-Can	opy Species	Density	Avg. Height		DBH balsam fir 43 to 51 years; paper birch 24 years. In the portions of
C	Canopy Species Red Maple	% Cover	Size Class Pole/Sapling	DBH 5 4 5		Sub-Can	opy Species	Density	Avg. Height		DBH balsam fir 43 to 51 years; paper birch 24 years. In the portions of
Q	Canopy Species Red Maple Quaking Aspen	% Cover 10 10	Size Class Pole/Sapling Sapling/Pole	DBH 5 4	Age	Sub-Can	opy Species	Density	Avg. Height		DBH balsam fir 43 to 51 years; paper birch 24 years. In the portions of
Q	Canopy Species Red Maple Quaking Aspen Balsam Fir	% Cover 10 10 35	Size Class Pole/Sapling Sapling/Pole Pole/Sapling	DBH 5 4 5	Age	Sub-Can	opy Species	Density	Avg. Height		DBH balsam fir 43 to 51 years; paper birch 24 years. In the portions of
C Q	Canopy Species Red Maple Quaking Aspen Balsam Fir Black Spruce	% Cover 10 35 34	Size Class Pole/Sapling Sapling/Pole Pole/Sapling Pole/Sapling	DBH 5 4 5 5 5	Age	Sub-Can	opy Species	Density	Avg. Height		DBH balsam fir 43 to 51 years; paper birch 24 years. In the portions of
	Canopy Species Red Maple Quaking Aspen Balsam Fir Black Spruce Paper Birch	% Cover 10 35 34 9	Size Class Pole/Sapling Sapling/Pole Pole/Sapling Sapling	DBH 5 4 5 5 5 4	Age	Sub-Can	opy Species	Density	Avg. Height		DBH balsam fir 43 to 51 years; paper birch 24 years. In the portions of
	Canopy Species Red Maple Quaking Aspen Balsam Fir Black Spruce Paper Birch White Spruce hern White Cedar	% Cover 10 35 34 9 1	Size Class Pole/Sapling Sapling/Pole Pole/Sapling Sapling Sapling Pole/Sapling	DBH 5 4 5 5 4 4 4 4 4 4	Age 47	Sub-Can	opy Species	Density	Avg. Height		DBH balsam fir 43 to 51 years; paper birch 24 years. In the portions of

Report 7 – Stands

Compartment: 92 Year of Entry: 2023

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Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age E	BA Range	Managed S	Site	General Comments			
114	6112 - Lov	wland Aspe	n F	oletimb	er Well	14.3	50	51-80	N/A		All aspen, paper birch, and red maple with a merchantable stick were			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Density Avg. Height	Size	harvested from 100 acres of Section 20 S2SW and Section 29 NW4 harvest that was completed in 1965; Permit No. 48-62A. Spruce and			
	Red Maple	10	Log/Pole	10		Ba	lsam Fir	Low	Variable	Sapling	balsam fir were retained as a seed source in hopes that wet areas that			
	Paper Birch	5	Pole/Sapling	5		Та	g Alder	Medium	5 - 10 feet	Tall Shrub	could convert to lowland shrub would over time become lowland			
	Quaking Aspen	45	Pole	7	50	Glossy	/ Buckthorn	Low	5 - 10 feet	Tall Shrub	coniferous forest.			
	Balsam Poplar	15	Pole	8				·						
	Balsam Fir	25	Pole/Sapling	6										
115	42390 - Mixed Non-					3.1	65	81-110	N/A		This stand is mostly a line of small diameter cedar that sits between lowland shrub and upland forest.			
	Canopy Species		Size Class		Age		nopy Species	-	Avg. Height	Size				
	Red Maple	1	Log	13		Ba	lsam Fir	Low	Variable	Sapling				
	Red Oak	5	Pole/Sapling	6										
	Paper Birch	5	Pole	7										
	White Pine	5	Log/Pole	12	0.5									
No	rthern White Cedar	49	Pole	6	65									
	White Spruce	5	Pole	6										
	Balsam Fir	25	Pole/Sapling											
	Black Spruce	5	Pole	8										
116	42340 - Upland Spruce/Fir Poletimber Well				3.5	49	81-110	N/A		This stand is more diverse and more dense than the similar stand to the west.				
	Canopy Species		Size Class		Age		nopy Species	-	Avg. Height	Size				
	Red Maple	15	Log	12		Ba	lsam Fir	Medium	Variable	Sapling				
	Paper Birch	5	Pole/Log	9										
	Quaking Aspen	20	Pole/Sapling											
	Black Spruce	10	Log/Pole	10										
	Balsam Fir	50	Pole	6	49									
117	6113 - Lov	wland Mapl	e S	Sawtimb	er Well	17.2	82	51-80	N/A		There is a four foot wide stream running west to east in the north half of the stand that empties into Devils Lake. This stand is harvestable and			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	dry summer period.			
	Red Maple	70	Log/Pole	11	82	Re	d Maple	Low	10 - 20 feet	Sapling				
	Balsam Fir	10	Pole	6		Ba	lsam Fir	Full	Variable	Sapling	-			
	Paper Birch	18	Pole/Log	8		Japane	ese Barberry	Trace	< 5 feet	Tall Shrub				
	Quaking Aspen	2	XLog/Log	19										
118	622 - Lov	vland Shrut)	Nonstocked		1.3		Immature	No		New stand added. Stand is between Devil's lake and a steep ridge. No			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Access.			
	Red Maple	70	Pole	6	94	Ba	lsam Fir	Full	Variable	Sapling				
									-	-				
	Paper Birch	20	Pole	6										

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Stand	d Level 4 Cover Type			Size Density			Stand Age B	Managed S	Site	General Comments	a DNR F	
119	622 - Lowland Shrub No		Nonstocked		1.2	I	Immature	No				
120	6119 - Mixed Lowla	and Deciduo	ous Forest Po	oletimt	er Well	7.8	67	51-80	N/A			
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Black Spruce	5	Pole/Log	8		Ba	alsam Fir	High	Variable	Sapling		
	Paper Birch	35	Pole	7		Gloss	y Buckthorn	High	5 - 10 feet	Tall Shrub		
	Red Maple	50	Pole/Log	8	67							
No	rthern White Cedar	5	Log	14								
	Balsam Fir	5	Pole/Sapling	5								
121	6112 - Lov	wland Aspe	en Po	oletim	oer Well	3.4	36	51-80	N/A			
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Paper Birch	5	Pole	6		Ta	ag Alder	Medium	5 - 10 feet	Tall Shrub		
	Balsam Fir	35	Pole	6		Ba	alsam Fir	Medium	Variable	Sapling		
	Quaking Aspen	60	Pole	7	36			·				
122	500 -	Water		Nonst	ocked	2.4			No		New stand added.	
					[Sub-Ca	nopy Species	Density	Avg. Height	Size		
					ľ		ag Alder	Medium		Tall Shrub		
						Ta	amarack	Low		Pole		
123	4130	- Aspen	Po	oletim	oer Well	0.8	45	1-50	N/A			
	Canopy Species	% Cover	Size Class	DBH	I Age							
	Bigtooth Aspen	95	Pole/Sapling	6	45							
	Balsam Fir	5	Pole	6								
124	4191 - Mixed Upla Co	and Decidu onifer	ous with Po	oletimb	oer Well	7.5	79	81-110	N/A			
	Canopy Species		Size Class		I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Paper Birch	35	Pole/Log	9	79	Ba	alsam Fir	Low	Variable	Sapling		
	Red Maple	20	Log/Pole	11								
	rthern White Cedar	5	Log	12								
Blac	ck/Red (Hybrid) Oak	5	XLog/Log	19								
	Black Spruce	5	Pole	8								
	Red Pine	20	Log	15								
	Balsam Fir	5	Pole	6								
	Jack Pine	5	Log	11								

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Compartment: 92 Year of Entry: 2023

Stand	Level 4 Co	Level 4 Cover Type		Size Density		Acres	Stand Age E	BA Range	nge Managed Site		General Comments
125	6120 - Lowland Cedar			Sawtimber Well		1.9	125	81-110	N/A		This is a nice pocket of healthy cedar. A 4 foot wide stream winds $_{\Box}$ through the stand as it makes its way to Devils Lake.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	through the stand as it makes its way to Devils Lake.
	Paper Birch	5	Pole	6		Bal	sam Fir	Low	Variable	Sapling	-
	Black Spruce	5	Pole/Sapling	6							
No	rthern White Cedar	90	Log	12	125						
26	622 - Low	vland Shrub)	Nonst	ocked	0.8		Immature	No		
127	622 - Low	vland Shrub)	Nonst	ocked	1.5		Immature	No		
128	6121 - Tamarack			Poletimber Well		8.2	51		N/A		Trees are dying off due to the oversaturated soil.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Red Maple	5	Pole/Log	8		Та	g Alder	High	5 - 10 feet	Tall Shrub	
	Paper Birch	5	Pole/Sapling	5		Glossy	Buckthorn	Low	5 - 10 feet	Tall Shrub	
	Black Spruce	10	Pole	7		Bal	sam Fir	Low	Variable	Sapling	
No	rthern White Cedar	30	Log	12	95	Cat	tail spp.	Low	Unspecified	Non-Wood	
	Tamarack	50	Pole/Log	9	51						1
129	622 - Low	vland Shrub)	Nonst	ocked	2.7	0		No		
130	622 - Low	vland Shrub)	Nonst	ocked	0.7		Immature	No		
131	622 - Low	vland Shrub)	Nonst	ocked	1.0			No		
132	42330 -	Upland Fir	Р	oletimb	er Poor	0.9	45	1-50	N/A		This is an upland ridge opening that is filling in with balsam fir.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
			Pole/Sapling		1	D				0	
	Quaking Aspen	5	F lie/Sapility	6		Bai	sam Fir	Low	Variable	Sapling	
	Quaking Aspen Balsam Fir	95	Pole/Sapling	6	45	Bai	sam Fir	Low	Variable	Sapling	
	Balsam Fir	95	Pole/Sapling	6		7.4	sam Fir 125	Low 81-110	Variable N/A	Sapling	This stand has pockets of log sized cedar. The southern edge is a
	Balsam Fir	95 and Forest v	Pole/Sapling with Cedar S	6 awtimb		7.4		81-110		Sapling	This stand has pockets of log sized cedar. The southern edge is a lowland deciduous transition zone.
	Balsam Fir 6132 - Mixed Lowla	95 and Forest v	Pole/Sapling with Cedar S	6 awtimb	oer Well	7.4 Sub-Car	125	81-110	N/A		This stand has pockets of log sized cedar. The southern edge is a lowland deciduous transition zone.
	Balsam Fir 6132 - Mixed Lowla Canopy Species	95 and Forest v % Cover	Pole/Sapling with Cedar S Size Class	6 awtimb DBH	oer Well	7.4 Sub-Car Bal	125 nopy Species	81-110 Density	N/A Avg. Height	Size	This stand has pockets of log sized cedar. The southern edge is a lowland deciduous transition zone.
133	Balsam Fir 6132 - Mixed Lowla Canopy Species Red Maple	95 and Forest v % Cover 33	Pole/Sapling with Cedar S Size Class Log	6 Sawtimk DBH	oer Well	7.4 Sub-Car Bal	125 10py Species sam Fir	81-110 Density Low	N/A Avg. Height Variable	Size Sapling	This stand has pockets of log sized cedar. The southern edge is a lowland deciduous transition zone.
133	Balsam Fir 6132 - Mixed Lowla Canopy Species Red Maple Paper Birch	95 and Forest v % Cover 33 15	Pole/Sapling with Cedar S Size Class Log Pole/Log	6 awtimb DBH 13 8	oer Well	7.4 Sub-Car Bal	125 10py Species sam Fir	81-110 Density Low	N/A Avg. Height Variable	Size Sapling	This stand has pockets of log sized cedar. The southern edge is a lowland deciduous transition zone.
133	Balsam Fir 6132 - Mixed Lowla Canopy Species Red Maple Paper Birch Quaking Aspen	95 and Forest v % Cover 33 15 5	Pole/Sapling with Cedar S Size Class Log Pole/Log XLog/Log	6 sawtimb DBH 13 8 20	er Well I Age	7.4 Sub-Car Bal	125 10py Species sam Fir	81-110 Density Low	N/A Avg. Height Variable	Size Sapling	This stand has pockets of log sized cedar. The southern edge is a lowland deciduous transition zone.

Report 7 – Stands



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Stand	Level 4 C	Size De	nsity	Acres	Stand Age B	Managed Site		General Comments			
34	6117 - Lowland Deciduous, Mixed Coniferous			Poletimber Well		2.2	80	81-110	N/A		Very wet. Stand has a lot of standing water. Pockets of tag alder in extreme wet areas. Red and jack pine growing on high ridges.
	Canopy Species % Co		Size Class	DBH	Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	
	Red Pine	5	Pole	7		Ba	lsam Fir	Low	Variable	Sapling	
	Red Maple	35	Pole/Log	9	80	W	nite Pine	Low	Variable	Sapling	
	Paper Birch	35	Pole/Log	8	80	Bla	ck Spruce	Low	Variable	Sapling	
	Balsam Fir	10	Pole	6							-
	Black Spruce	5	Pole	6							
	White Pine	5	Pole	7							
	Quaking Aspen	5	Log	12							
135	622 - Lov	wland Shrub)	Nonsto	ocked	1.1		Immature	No		
136	6130 - Fir, Aspen, Maple			Sapling	l Well	9.5	45	1-50	N/A		This stand is too wet to harvest. There is standing water throughout.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	20	Pole/Saplin	g 6		Dogv	vood (spp.)	Medium	5 - 10 feet	Tall Shrub	2
	Paper Birch	25	Pole/Saplin	g 6		Mich	igan Holly	High	5 - 10 feet	Tall Shrub	2
	Balsam Poplar	10	Pole/Saplin	g 5		Gloss	y Buckthorn	Medium	5 - 10 feet	Tall Shrub	- 2
	Balsam Fir	30	Sapling/Pol	e 4	45	Ta	ag Alder	High	5 - 10 feet	Tall Shrub	2
	Black Spruce	15	Sapling	4							
137	622 - Lov	wland Shrub)	Nonsto	ocked	3.9	0		No		
138	622 - Lowland Shrub		Nonsto	ocked	5.0		mmature	No			
	Canopy Species	% Cover	Size Class	DBH	Age						
	Red Maple	20	Sapling	2							
	Paper Birch	20	Sapling	2							
	Balsam Poplar	5	Sapling	3							
	Balsam Fir	30	Sapling	3	85						
	Black Spruce	10	Sapling	4							
	Black Ash	15	Sapling	2							
139	42210 - Na			Sawtimb		1.6	100	81-110	N/A		This is an isolated pocket of natural regenerated red pine.
	Canopy Species		Size Class	DBH Age			nopy Species	Density	Avg. Height	Size	-
	Red Pine	95	Log	13	100	Ba	lsam Fir	Low	Variable	Sapling	
	Red Maple	5	Log/Pole	10							

Report 7 – Stands



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Stand Level 4 Cov		ver Type		Size Density		Stand Age E	BA Range	Managed Site		General Comments
6120 - Lowland Cedar			Sawtimber Well		1.8			This is a transition area of cedar that is protected from a west wind by the		
nopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	uphill slope to the west.
rn White Cedar	80	Log	12	125	Ba	alsam Fir	Low	Variable	Sapling	
Red Maple	5	Log	12		R	ed Pine	Low	Variable	Sapling	
Balsam Fir	5	Pole	7		W	hite Pine	Low	Variable	Sapling	
aking Aspen	5	XLog/Log	18							-
aper Birch	5	Pole/Log	8							
	6120 - Lov nopy Species rn White Cedar Red Maple Balsam Fir aking Aspen	6120 - Lowland Ceda nopy Species % Cover rn White Cedar 80 Red Maple 5 Balsam Fir 5 aking Aspen 5	nopy Species% CoverSize Classrn White Cedar80LogRed Maple5LogBalsam Fir5Poleaking Aspen5XLog/Log	6120 - Lowland Cedar Sawtimb nopy Species % Cover Size Class DBH rn White Cedar 80 Log 12 Red Maple 5 Log 12 Isalsam Fir 5 Pole 7 aking Aspen 5 XLog/Log 18	6120 - Lowland CedarSawtimber Wellnopy Species% CoverSize ClassDBHAgern White Cedar80Log12125Red Maple5Log12125Balsam Fir5Pole712aking Aspen5XLog/Log1812	6120 - Lowland Cedar Sawtimber Well 1.8 nopy Species % Cover Size Class DBH Age rn White Cedar 80 Log 12 125 Red Maple 5 Log 12 12 Balsam Fir 5 Pole 7 Waking Aspen	6120 - Lowland Cedar Sawtimber Well 1.8 125 nopy Species % Cover Size Class DBH Age rn White Cedar 80 Log 12 125 Red Maple 5 Log 12 125 Balsam Fir 5 Pole 7 White Pine aking Aspen 5 XLog/Log 18	6666120 - Lowland CedarSawtimber Well1.812581-110nopy Species% CoverSize ClassDBHAgeSub-Canopy SpeciesDensityrn White Cedar80Log12125Balsam FirLowRed Maple5Log127Red PineLowalsam Fir5YLog/Log18Ket PineLow	6 6 6 6 6120 - Lowland Cedar Sawtimber Well 1.8 125 6120 - Lowland Cedar Sawtimber Well 1.8 125 N/A nopy Species Mensity Avg. Height nopy Species Density Avg. Height Red Maple 5 Log 12 Red Maple 5 Log 12 2 Red Pine Low Variable Balsam Fir 5 Pole 7 4 White Pine Low Variable aking Aspen 5 XLog/Log 18 4 4 4	6120 - Lowland Cedar Sawtimber Well 1.8 125 81-110 N/A nopy Species % Cover Size Class DBH Age Sub-Canopy Species Density Avg. Height Size rn White Cedar 80 Log 12 125 Balsam Fir Low Variable Sapling Red Maple 5 Log 12 7 White Pine Low Variable Sapling aking Aspen 5 XLog/Log 18