

### **Compartment Review Presentation**

**Cadillac Forest Management Unit** 

Compartment 63025 Entry Year 2021 Acreage: 1,952 County Lake

Management Area: Lake County Outwash

**Revision Date: 2019-06-20** 

Stand Examiner: Ryan Adamczyk

**Legal Description:** 

T18N R12W Sec.20, 21, 22, 27, 28, 29.

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

Vegetation management in the Lake County Outwash management area (MA) will provide forest products; maintain or enhance wildlife habitat; protect areas of unique threatened, endangered and special concern species; and provide for forest-based recreational uses. Timber management for this 10-year planning period will focus on harvesting older jack pine and balancing the age-class distribution of aspen. Wildlife habitat management objectives include perpetuating early-successional communities for species adapted to young forests for hunting and other wildlife-related recreation; maintaining soft and hard mast sources including oak; and preserving related recreational opportunity. Expected trends within this 10-year planning period are the need to minimize jack pine budworm damage by reducing the amount of more susceptible older jack pine; the need to regenerate oak and red pine; the need to target some accessible aspen in older age-classes for harvest; and increased recreational pressure.

### Soil and topography:

Grayling-Graycalm,; Tawas-Croswell-Tawas, flat and very wet with scattered ridges and rolling hills surrounding swampy areas

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

This compartment is mostly state owned and generally in large blocks. There are a few isolated tax reverted parcels. The private lands are mostly seasonal recreation properties.

### **Unique Natural Features:**

Dusted skipper recorded on state land within section 13. Great Plains spittlebug\* recorded in se 1/4 of section 13 within compartment, in the ne 1/4 of section 11 just outside of compartment, and to the sw. Bald eagle to s. Common loon to s. Redshouldered hawk to ne. Northern goshawk to e and n. Grasshopper sparrow to n. Massasauga to s. Wood turtle to n, ne, s, and sw. Eastern box turtle to n. Ottoe skipper to sw. Several Hill's thistle records to the n, nw, and sw. Two Missouri rock-cress records to the w. Historical Virginia bluebells record to ne along Honey Creek. High quality poor conifer swamp to s. Potential or dry prairie plants in grassy openings: Hill's thistle, rough fescue, Alleghany plum, and pale agoseris. Potential for dusted skipper, Ottoe skipper, and Great Plains spittlebug.

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

Parts of this area are old hay fields from the early 1900's. During this same period there were also numerous shingle and sawmills surrounding the swamp. There is no evidence of these mills currently.

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

This area is isolated and mostly inaccessible so visual management concerns will be limited to roads, private lands, and maintained grass openings. The streams and headwaters will be protected and their integrity maintained.

#### Watershed and Fisheries Considerations:

#### Wildlife Habitat Considerations:

Featured wildlife species in this Management Area are diverse reflecting the wide range of habitat types present. Featured Species for the MA include two which are not much of a focus in this compartment, Mallard and Woodduck. More applicable are American Martin, American Woodcock, Beaver, Black Bear, Eastern Massauga rattlesnake, Golden-winged warbler, Pileated woodpecker, Red-headed woodpecker, Ruffed Grouse, Snowshoe Hare, Wild Turkey, and White Tailed deer. Most of these species benefit from young forest and open types while some require some old trees for foraging and nest/den sites. Maintaining the opening types and balancing harvests with a diverse assortment of age classes in the timber types will meet the goals for these species.

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

The nearest active sand/gravel pit is located two miles to the west, and there appears to be some sand & gravel potential on the uplands within the compartment. The nearest oil and gas production, past or present, is greater than four miles away. A number of test holes have been drilled in the area targeting Devonian carbonates but all were reported as dry holes. However, mineral rights in the western portion of the compartment have been leased within the past year. There has been additional leasing activity to the northeast, and a well permit was issued three weeks ago in Section 23 for a new oil well with a proposed target of the Traverse Formation. Potential for oil & gas exploration and development within the compartment appears to be relatively high at this time. There is no known metallic mineral potential in this part of the state. The state does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, reasonable access to the surface must be provided to private owners if they choose to explore or develop their mineral rights.

#### **Vehicle Access:**

A forest road access plan is detailed on the compartment map. Identified are state and county roads as well as forest roads and trails under the jurisdiction of the DNR.

#### **Survey Needs:**

None needed.

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

Due to the limited access of the area the use is primarily for hunting and trapping.

#### **Fire Protection:**

Access is extremely limited to vehicles such as engines. The stand is very wet which will reduce the concern for fires, during most times. Any fire that does occur within this compartment will be very labor intensive to control.

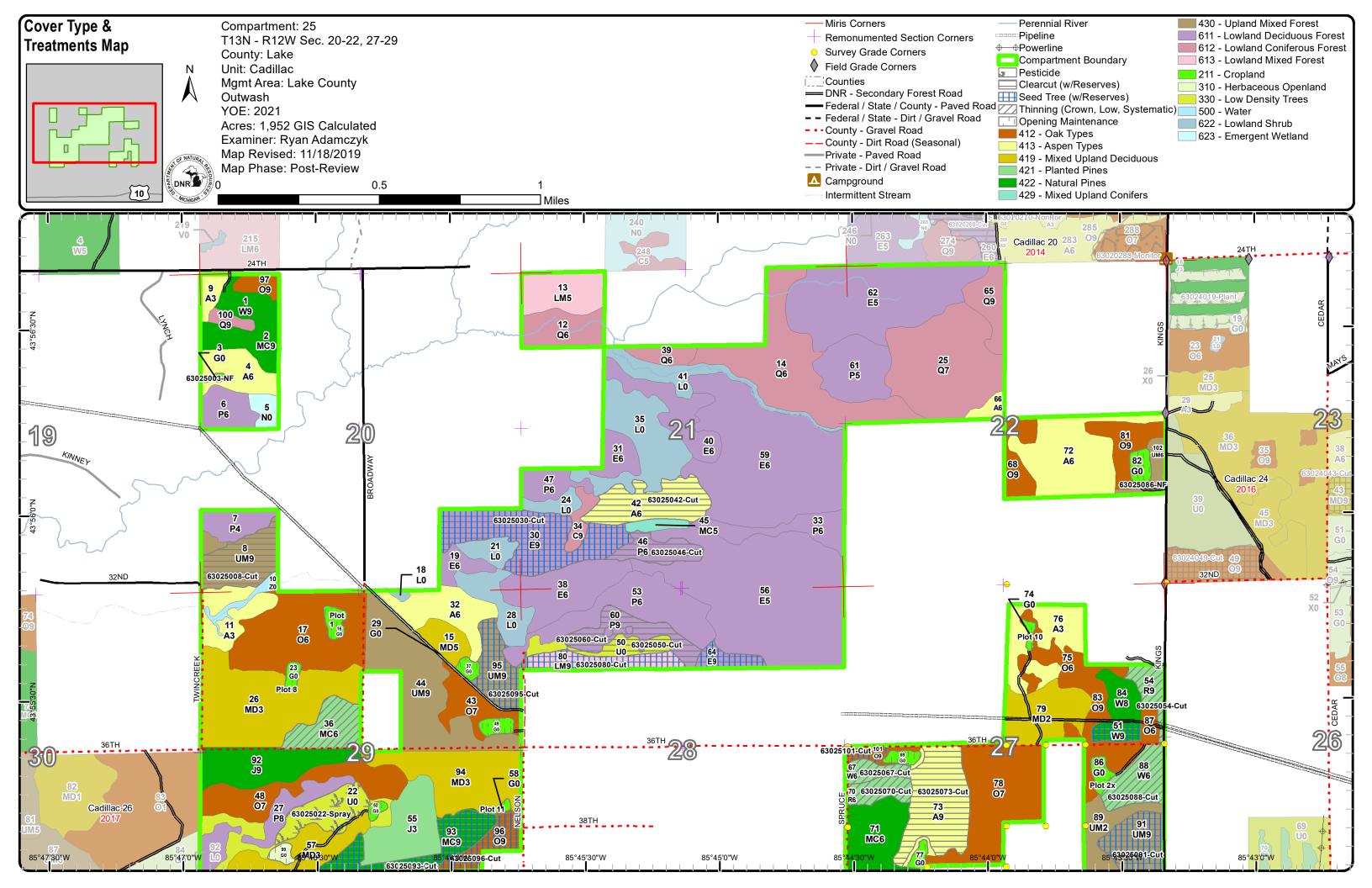
#### **Additional Compartment Information:**

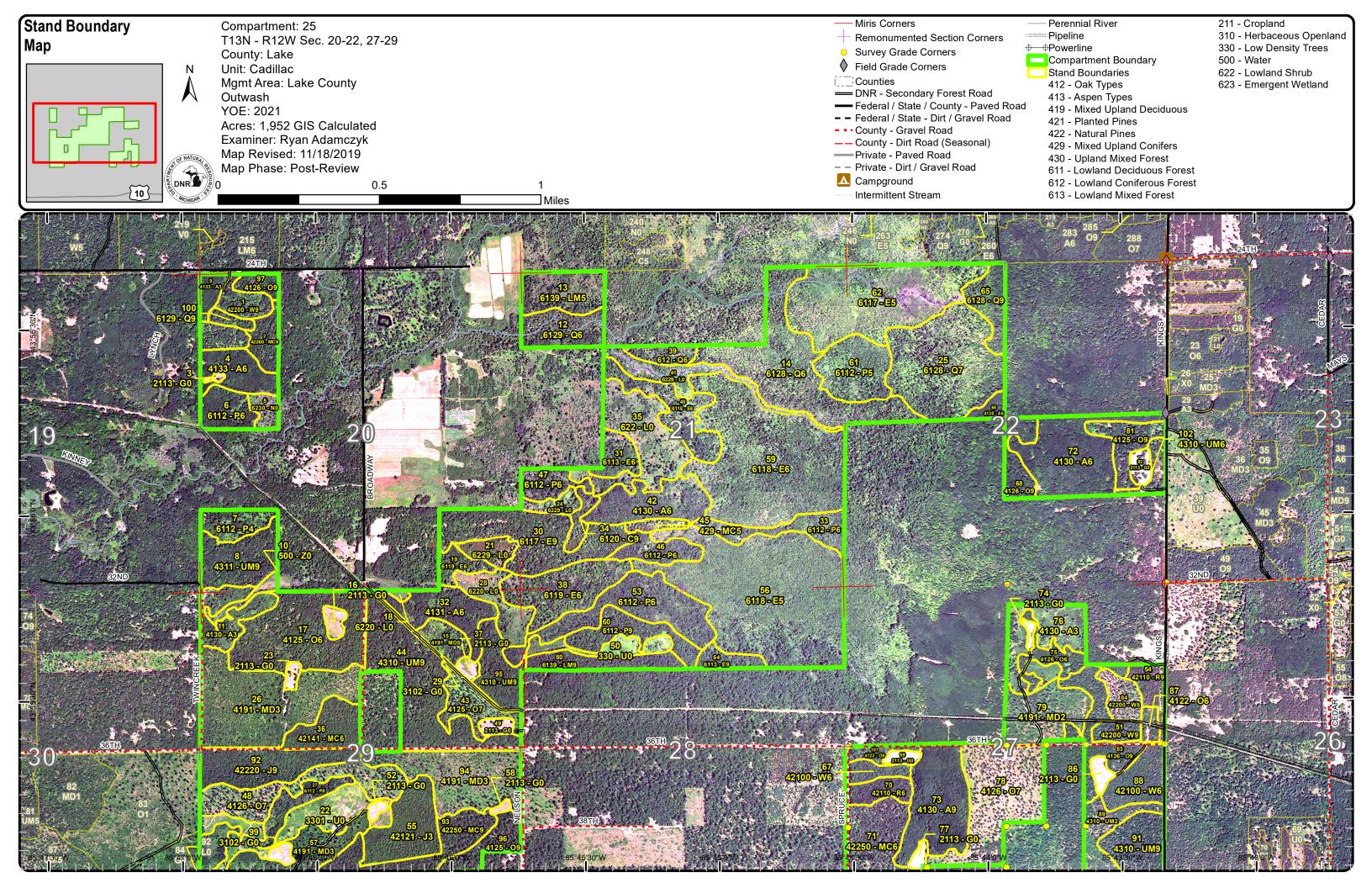
The following reports from the Inventory are attached:

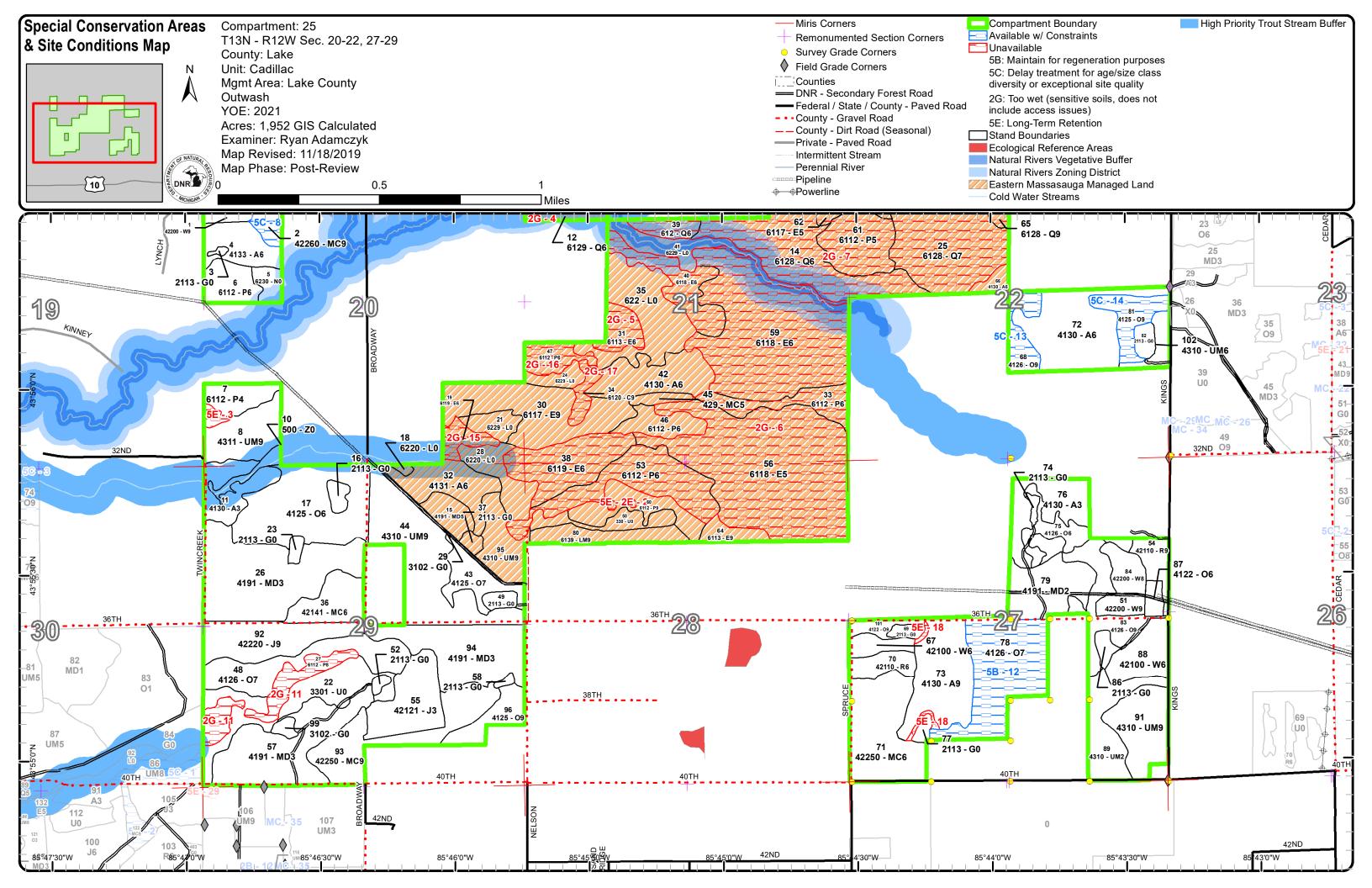
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

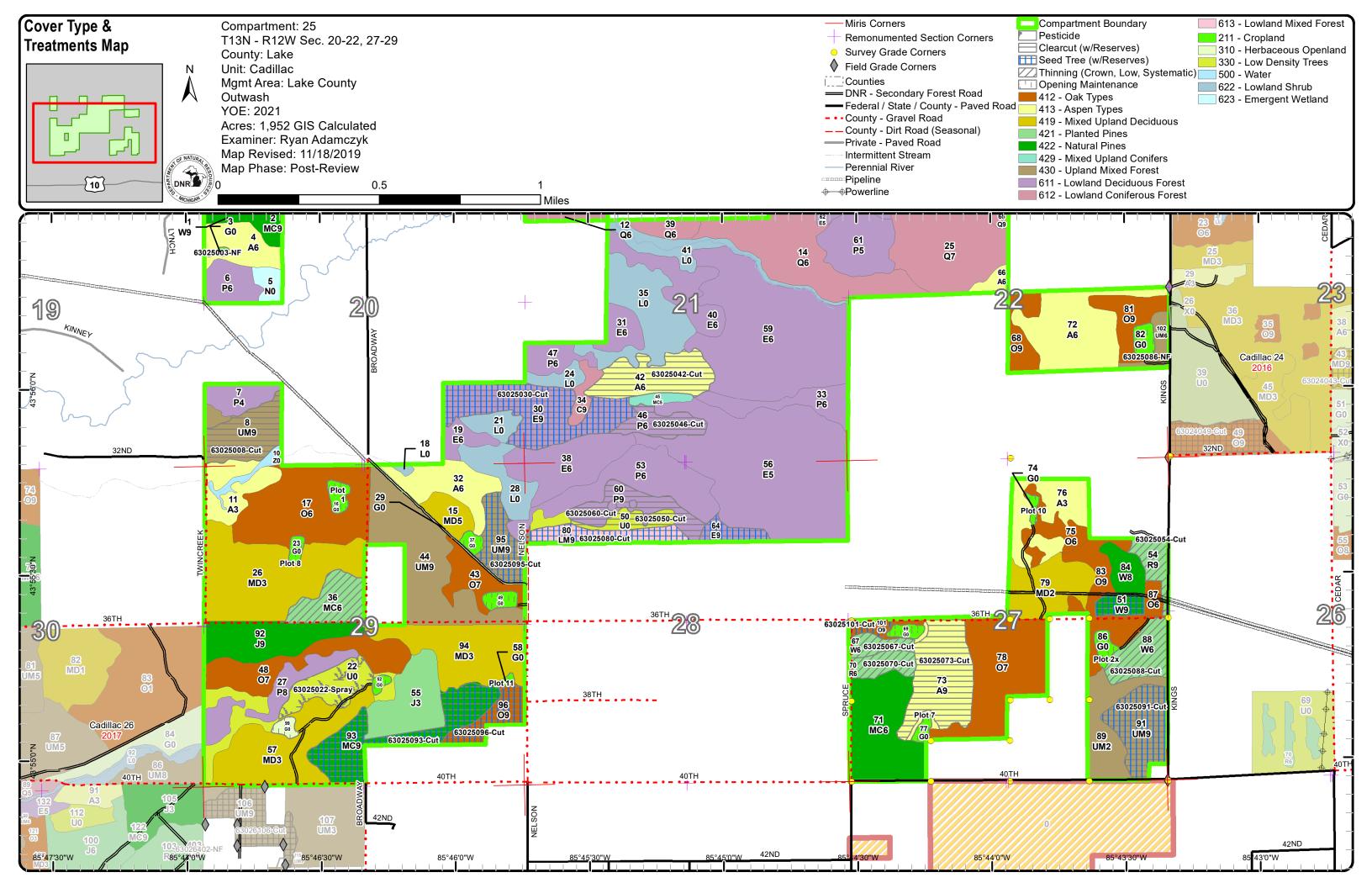
The following information is displayed, where pertinent, on the attached compartment maps:

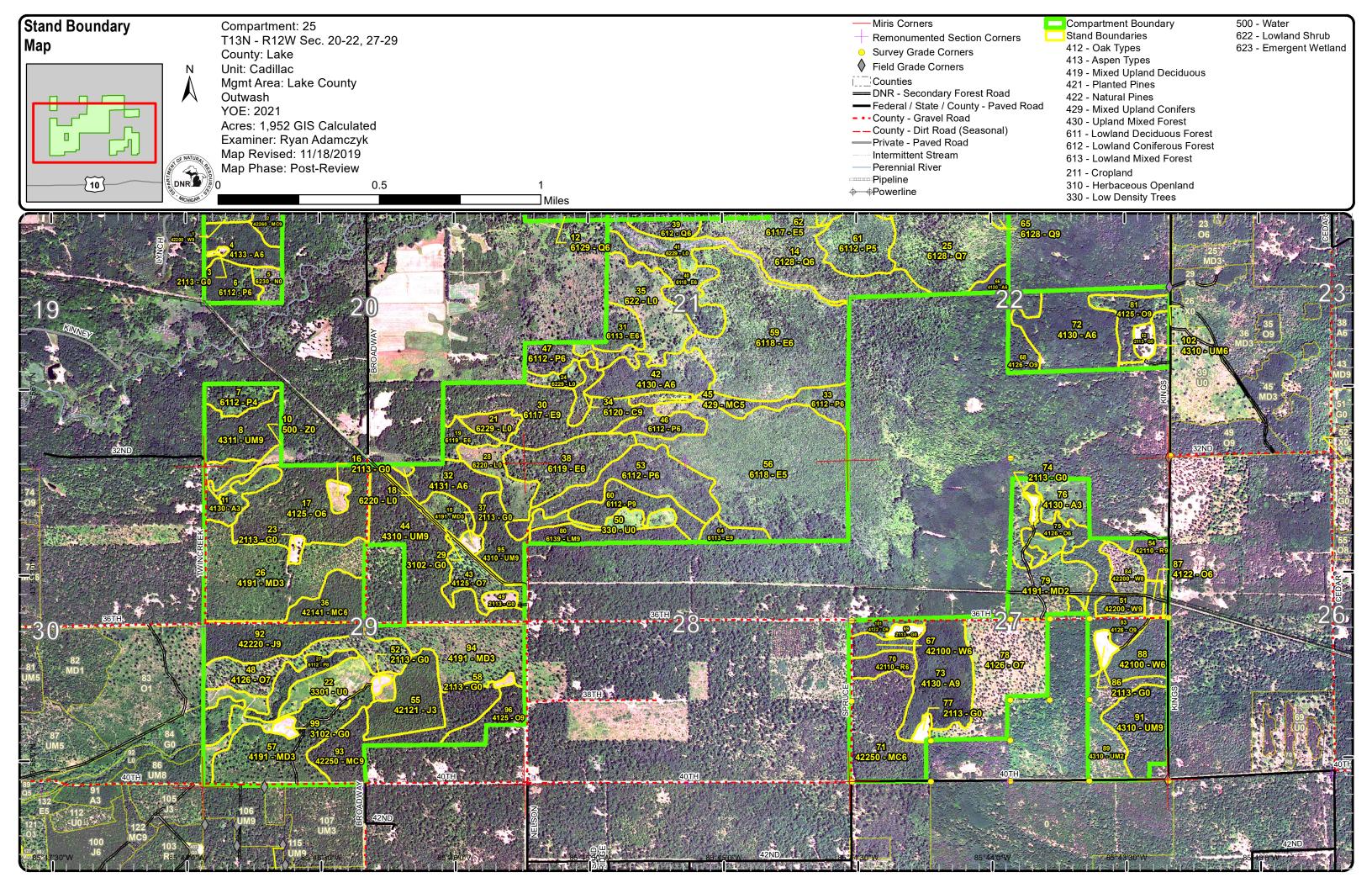
Base feature information, stand boundaries, cover types, and numbers Proposed treatments
Site condition boundaries
Details on the road access system

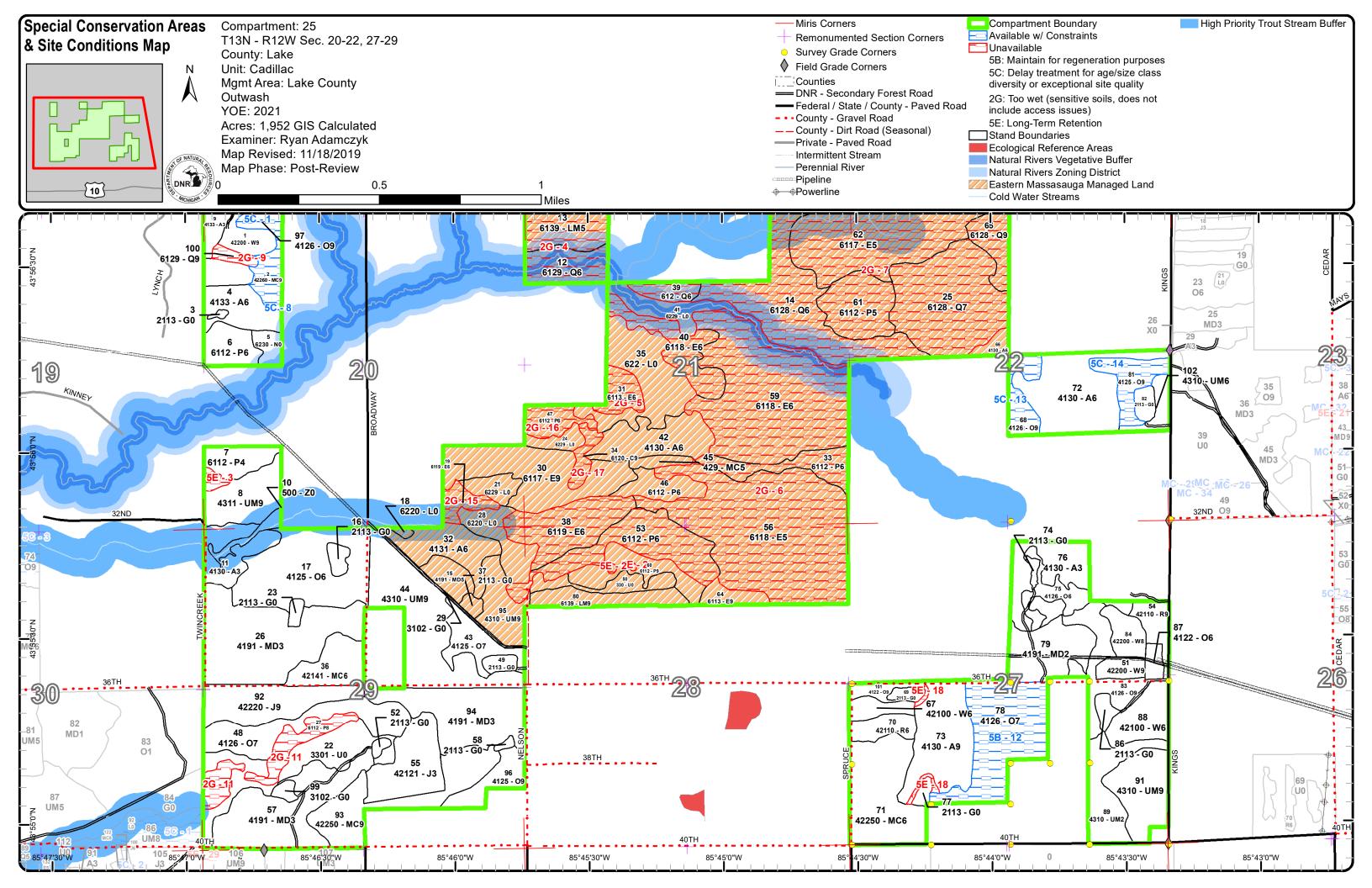












Compartment 25 Year of Entry 2021

Cadillac Mgt. Unit Ryan Adamczyk: Examiner



#### Age Class

	Age.		3 / 2		\$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	3 /		3/8			\$ \ &		"a",					No.	NO NO
Aspen	0	43	5	0	0	86	64	0	0	0	0	0	0	0	0	0	0	0	197
Cedar	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	6
Cropland	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27
Herbaceous Openland	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Jack Pine	0	0	0	27	0	0	29	0	0	0	0	0	0	0	0	0	0	0	56
Low-Density Trees	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42
Lowland Aspen/Balsam Poplar	0	0	0	0	0	35	108	18	0	0	0	0	0	0	0	0	0	0	161
Lowland Conifers	0	0	0	0	0	0	0	0	0	7	18	143	0	0	0	0	0	0	168
Lowland Deciduous	0	0	0	0	0	108	127	60	0	117	0	0	0	0	0	0	0	0	412
Lowland Mixed Forest	0	0	0	0	0	0	0	15	0	0	20	0	0	0	0	0	0	0	35
Lowland Shrub	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82
Marsh	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Mixed Upland Deciduous	0	40	134	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	183
Natural Mixed Pines	0	0	0	0	42	0	35	0	0	0	0	10	0	0	0	0	0	0	87
Oak	0	0	0	0	53	16	0	0	84	12	20	50	0	0	0	0	0	0	235
Planted Mixed Pines	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Red Pine	0	0	0	0	0	9	9	0	0	0	0	0	0	0	0	0	0	0	18
Upland Conifers	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Upland Mixed Forest	0	0	23	0	0	7	0	54	43	0	0	24	0	0	0	0	0	0	151
Water	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
White Pine	0	0	0	0	0	23	0	0	15	16	0	0	0	0	0	0	0	0	54
Total	166	83	162	27	125	284	372	147	142	152	64	227	0	0	0	0	0	0	1950



# **Report 2 – Treatment Summary**

# Cadillac Mgt. Unit Year of Entry: 2021

Acres of Harvest

Compartment 25
Total Compartment Acres: 1,952

Commercial Harvest - 346
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 0

### **Cover Type by Harvest Method**

				\$ 100 miles		8 / 8	Sound L	itin Son	Rough J	**************************************		<del>/                                    </del>
Aspen		62	0	0	0	0	0	0	0	0	62	
Low-Density Trees		8	0	0	0	0	0	0	0	0	8	İ
Lowland Aspen/Balsam Poplar		29	0	0	0	0	0	0	0	0	29	İ
Lowland Deciduous		0	0	0	53	0	0	0	0	0	53	İ
Lowland Mixed Forest		0	0	0	15	0	0	0	0	0	15	İ
Natural Mixed Pines		0	0	0	35	0	0	0	0	0	35	
Oak		0	0	0	16	0	0	0	0	0	16	
Planted Mixed Pines		0	0	0	0	0	17	0	0	0	17	İ
Red Pine		0	0	0	0	0	18	0	0	0	18	İ
Upland Mixed Forest		22	0	0	43	0	0	0	0	0	64	İ
White Pine		0	0	0	6	0	23	0	0	0	29	İ
	Total	121	0	0	167	0	59	0	0	0	346	

### **Proposed and Next Step Treatments by Method**

		/.				\$ / C	in l			10 / 26 / 26 / 26 / 26 / 26 / 26 / 26 / 2	<sup>ረ</sup> ଦ / ኤ	<u> </u>
Current		346	0	0	0	0	17	0	0	27	390	
Next Step		0	17	17	0	8	0	314	0	0	355	
	Total	346	17	17	0	8	17	314	0	27	745	]

Report 3 -- Treatments

Compartment: 25 Year of Entry: 2021

**Treatment** Name

Acres

Stand CoverType

Size Density Stand Age

BA Range **Treatment** Type

**Treatment** Method

**Cover Type** Objective

Age Structure Habitat Cut

No

### **Approved Treatments:**

63025003-NF

0.7 2113 - Forage Crops Nonstocked

NonForestMqt Herbaceous/Crop /Grass Planting

310 -Herbaceous

Openland

Prescription Keep open. Cut brush and trees as needed. May plant shrubs, mast producing trees as well as grasses and forbs.

Specs:

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n

d

Next Step

Treatments:

Acceptable

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2020

63025008-Cut

21.8 4311 - Pine, Aspen Sawtimber

141-170 Clearcut with Retention

4319 - Mixed Even-Aged **Upland Forest** 

Nο

Prescription Cut all species except white pine larger than 18" DBH. Use the area of lowland white pine in the NW corner as long term retention. Possibly

mark to leave any higher quality oaks when cruising. Specs: Monitoring, Natural Regen (Re-Inventory)

Next Step Treatments:

Acceptable aspen, white pine, oak sp, red maple, jack pine

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2021

22 63025022-Spray

16.7 3301 - Low Density Nonstocked Deciduous Trees

Pesticide

Harvest

Hand Application 42110 - Planted Even-Aged

Red Pine

No

Prescription Herbicide application to kill maple stump sprouts.for red pine planting

Specs:

Next Step SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)

**Treatments:** 

Acceptable red pine

Regen:

Other Comment:

Site Condition

Proposed Start Date: 9 /1 /2020

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Compartment: 25

Year of Entry: 2021

t									rear of Entry	/: 2021	DNR
a n Treatn d Nam			Stand overType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habit Cut
30 630250	<b>30-Cut</b> 4	Deci	7 - Lowland duous, Mixed Coniferous	Sawtimbe Well	r 84	111- 140	Harvest	Seed Tree	613 - Lowland Mixed Forest	Even-Aged	N
Prescription Specs:			Cut all aspen, j bly need mats t					nite pine larger thar	n 18" DBH. Cut in	frozen or very	dry
Next Step Treatments:	Monitoring, N	Natural Re	egen (Re-Inven	tory)							
Acceptable Regen:	aspen, oak s	p, red ma	aple, white pine	, jack pine							
Other Comment:											
Site Conditio	<u>n</u>										
Proposed Sta	art Date: 10/	1 /2021									
36 630250	<b>36-Cut</b> 1	Mixe	41 - Planted d Pine, Mixed Deciduous	Poletimbe Well	r 36	141- 170	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	No
Prescription Specs:	Third row thi	n removir	ng all jack pine	and oak th	at is ac	cessible.					
Next Step Treatments:											
Acceptable Regen:	red pine										
Other Comment:											
Site Conditio	<u>n</u>										
Proposed Sta	art Date: 10/	1 /2021									
42 630250	<b>42-Cut</b> 25	5.7 41	130 - Aspen	Poletimbe Well	r 52	141- 170	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
Prescription Specs:	Cut all trees	besides (	cedar. Mark a o	ne acre po	cket for	retention	. Cut in winter o	nly. Add grouse sp	ec.		
Next Step Treatments:	Monitoring, N	Natural Re	egen (Re-Inven	tory)							
Acceptable Regen:	aspen sp., re	ed maple									
Other Comment:											
Site Conditio	<u>n</u>										
Proposed Sta	art Date: 10/	1 /2021									
46 630250	<b>46-Cut</b> 1	1.6 611	I2 - Lowland Aspen	Poletimbe Well	r 47	141- 170	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	No
Prescription Specs:	Cut all trees	besides o	cedar and heml	ock. Mark	an appr	opriate siz	zed retention zo	ne within the unit.			
Next Step Treatments:	Monitoring, N	Natural Re	egen (Re-Inven	tory)							
Acceptable Regen:	aspen, red m	naple, ced	dar								
Other Comment:											
Site Conditio	<del>_</del>										
Proposed Sta	art Date: 10/	1 /2021									

Compartment: 25

Year of Entry: 2021

t									rear of Entry	/: 2021	DNR DNR
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habit Cut
50	63025050-Cut	7.5	330 - Low-Density Trees	Nonstock	ed		Harvest	Clearcut	4212 - Planted Jack Pine	Even-Aged	No
Pres Spec		ees. Bur	n post harvest and	maintain as	s a wildl	ife openin	g.				
	Step Burn, Op ments:	ening									
Acce Rege	<u>ptable</u> jack pine n:	:									
Othe Com	<u>r</u> ment:										
Site (	Condition Condition										
Prop	osed Start Date:	10/1 /20	021								
51	63025051-Cut	6.1	42200 - Natural White Pine	Sawtimbe Well	er 78	111- 140	Harvest	Seed Tree with Retention	4319 - Mixed Upland Forest	Even-Aged	No
Pres Spec		nix of sp	ecies 30 - 40 BA.								
	<u>Step</u> Monitorir ments:	ng, Natu	ral Regen (Re-Inver	ntory)							
Acce Rege	ptable white pin	e, oak s	p, red pine								
<u>Othe</u>											
Site	<u>Condition</u>										
Prop	osed Start Date:	10/1 /20	021								
	63025054-Cut	9.1	42110 - Planted Red Pine	Sawtimbe Well	er 58	141- 170	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	No
Pres		v thin. R	emove any overstor	ry oak that	is acces			3			
Next Treat	Step ments:										
Acce Rege	<u>ptable</u> :n:										
Othe Com	<u>r</u> ment:										
Site	Condition										
Prop	osed Start Date:	10/1 /20	021								
60	63025060-Cut	17.6	6112 - Lowland Aspen	Sawtimbe Well	er 62	141- 170	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	No
Pres		ees. Lea	ave two islands for r	etention are	ound the	e vernal p	onds. Cut in fro	zen or dry conditior	ns only.		
<u>Next</u>		ng, Natu	ral Regen (Re-Inver	ntory)							
Acce	<u>ptable</u> aspen, o	ak sp, re	ed maple								
D~~~											
Othe Com	-										
Othe Com	ment:										
Othe Com	-										

<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u>

Acceptable aspen, oak sp, red maple

Regen:
Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2021

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Compartment: 25

d Name   CoverType   Density   Age   Range   Type   Method   Objective   Structure   Out   Structure   Out   Structure   Out   Structure   Out   Structure   Out   Structure   Out	S t		Guuma	o mgt. omt		Kepo		rreatments		Year of Entry		DNR
Lowland Forest Well 170 Mixed Forest Subscissor Cut all jack pine, aspen, and red maple. Mark ask 10 - 20 BA where applicable. Do not cut any white pine. Cut in frozen or dry conditions Spaces.  Next Step.  Monitoring, Natural Regen (Re-Inventory) Treatments.  Monitoring, Natural Regen (Re-Inventory) Treatments.  Monitoring Natural Regen (Re-Invent	n Trea		Acres								_	Habit Cut
Space: only.  Monitoring, Natural Regen (Re-Inventory) Treatments:  Acceptable: jack pine, aspen, red maple, oak, white pine Regen: Other Comment: Site Condition Proposed Start Date: 101/2021  Proposed Start Date: 101/2020  88 63025088-Vt 18.6 42100 - Planted Poletimber 46 1411 Harvest Systematic White Pine Regen: Other Comment: Site Condition Proposed Start Date: 101/2020  88 63025088-Vt 18.6 42100 - Planted Poletimber 46 1411 Harvest Systematic White Pine Well 170 Thinning White Pine Proposed Start Date: 101/2020  88 63025088-Cut 18.6 42100 - Planted Poletimber 46 1411 Harvest Systematic White Pine Regen: Other Comment: Site Condition Proposed Start Date: 101/2020  89 63025088-Cut 18.6 42100 - Planted Poletimber 46 1411 Harvest Systematic White Pine Well 170 Thinning White Pine Well 170 Thinning White Pine Regen: Other Comment: Site Condition Proposed Start Date: 101/1/2021  91 63025091-Cut 25.8 4310 - Pine, Clask Sawtimber 78 1111 Retrieved Regen: Other Comment: Site Condition Mix Well 140 Retention Decided with Proposed Start Date: 101/1/2021  91 63025091-Cut 25.8 4310 - Pine, Clask Sawtimber 78 1111 Retrieved Regen: Other Comment: Site Condition Mix Well 140 Retention Decided with Proposed Start Date: 101/1/2021  91 63025091-Cut 25.8 4310 - Pine, Clask Sawtimber 78 1111 Retrieved Regen: Other Comment: Site Condition Mix Well 140 Retention Decided with Confer  Prescription Mark a mix of species 30 - 40 BA. Cut all jack pine Regen: Other Comment: Site Condition  Other Comment: Site Condition  Notice Regen: Other Comment: Site Condition  Site Condition  Notice Regen: Other Comment: Site Condition  Notice Regen: Other Comment: Site Condition  Site Condition  Notice Regen: Other Comment: Site Condition  Retention Date: Site Condition  Retention Date: Site Condition  Retention Date: Site Condition  Notice Regen: Site Condition  Notice Regen: Site Condition  Notice Regen: Site Condition  Notice Regen: Site Condition  Notice Regen: Site Condition  Notice Regen: Site Condition  Notice Regen: Site Condition  Notice	80 6302	5080-Cut	14.8			r 62		Harvest	Seed Tree		Even-Aged	No
Site Condition Proposed Start Date: 10/1 /2021  82 63025086-NF	Specs: Next Step Treatments	only.  Monitor	ing, Natur	ral Regen (Re-Inver	ntory)	ak 10 -	20 BA wh	nere applicable. I	Do not cut any whit	e pine. Cut in froz	zen or dry con	ditions
Proposed Start Date: 10/1 /2021  2 63025086-NF	Comment:											
82 63025086-NF 4.0 2113 - Forage Crops Nonstocked NonForestMgt Herbaceous/Crop 211 - Cropland Grass Planting  Prescription Mow or plant forage and brood rearing herbaceous species. Till, fertilize, and plant annually or on rotation. Option to convert to perennial Species.  Next Step. Treatments:  Acceptable, Regen: Other Comment:  Site Condition  Proposed Start Date: 10/1 /2020  888 63025088-Cut 16.6 42100 - Planted Poletimber 46 141 Harvest Systematic 4210 - Planted Even-Aged North White Pine Well 170 Thinning White Pine White Pine Prescription Cut two leave two rows.  Species.  Next Step. Treatments:  Acceptable, Regen: Other Comment: Site Condition  Proposed Start Date: 10/1 /2021  91 63025091-Cut 25.8 4310 - Pine, Oak Sawtimber 78 111 Marvest Seed Tree with Retention Upland Deciduous with Confer Species.  Next Step. Prescription Mark a mix of species 30 - 40 BA. Cut all jack pine. Species:  Next Step. Monitoring, Natural Regen (Re-Inventory) Treatments:  Acceptable oak sp, white pine, red pine, jack pine Regen: Other Comment:  Site Condition			10/1 /20	101								
Prescription Spaces.  When or plant forage and broad rearing herbaceous species. Till, fertilize, and plant annually or on rotation. Option to convert to perennial grass/forb mix with mast producing species.  Next Step. Insaments:  Acceptable Regon:  Other Comment  Site Condition  Prescription Cut two leave two rows.  Species.  Next Step. Insaments:  Acceptable Regon:  Other Comment  Site Condition  Proposed Start Date: 10/1 /2020  91 63025091-Cut 25.8 4310 - Pine, Oak Sawtimber 78 111- Harvest Seed Tree with All Mix Well 140 Retention Deciduous with Conifer  Prescription Mark a mix of species 30 - 40 BA. Cut all jack pine.  Species:  Next Step. Monitoring, Natural Regen (Re-Inventory) Treatments:  Acceptable Regen:  Other Comment:  Site Condition  Prescription Mark a mix of species 30 - 40 BA. Cut all jack pine.  Species:  Acceptable Regen:  Other Comment:  Species:  Monitoring, Natural Regen (Re-Inventory)  Treatments:  Acceptable Regen:  Other Comment:  Site Condition	•				s Nonstocke	ed		NonForestMgt		211 - Cropland		No
Site Condition  Proposed Start Date: 10/1 /2020  88 63025088-Cut 16.6 42100 - Planted White Pine Well 170 Harvest Systematic Thinning White Pine Well 170 Thinning White Pine White Pine Well 170 Thinning White Pine White Pine Note Prescription Cut two leave two rows.  Specs:  Next Step Treatments:  Acceptable Regen: Other Comment:  Site Condition  Proposed Start Date: 10/1 /2021  91 63025091-Cut 25.8 4310 - Pine, Oak Sawtimber 78 111- Harvest Seed Tree with Quiland Decideous with Conifer Prescription Mark a mix of species 30 - 40 BA. Cut all jack pine.  Specs:  Next Step Monitoring, Natural Regen (Re-Inventory) Treatments:  Acceptable Oak sp, white pine, red pine, jack pine Regen: Other Comment: Site Condition	Specs: Next Step Treatments	grass/fo				·	,	·	·	·	·	
88 63025088-Cut 16.6 42100 - Planted Poletimber 46 141- Harvest Systematic 4210 - Planted White Pine New 170 Thinning White Pine New 170 Thinning White Pine New 170 Thinning White Pine New 170 Thinning White Pine New 170 Thinning White Pine New 170 Thinning White Pine New 170 Thinning White Pine New 170 Thinning New 170 Thinnin	Site Condi		40/4/00	200								
Prescription Cut two leave two rows.  Specs:  Next Step Treatments:  Acceptable Regen: Other Comment:  Site Condition Proposed Start Date: 10/1 /2021  91 63025091-Cut 25.8 4310 - Pine, Oak Sawtimber 78 111- Harvest Seed Tree with Mix Well 140 Retention Deciduous with Conifer  Prescription Mark a mix of species 30 - 40 BA. Cut all jack pine.  Specs:  Next Step Treatments:  Monitoring, Natural Regen (Re-Inventory) Treatments:  Acceptable Regen: Other Comment: Site Condition	•				Poletimbe	r 46	141-	Harvest		4210 - Planted	Even-Aged	No
Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021  91 63025091-Cut 25.8 4310 - Pine, Oak Sawtimber 78 111- Harvest Seed Tree with Al91 - Mixed Upland Deciduous with Conifer  Prescription Mark a mix of species 30 - 40 BA. Cut all jack pine. Specs: Next Step Treatments:  Monitoring, Natural Regen (Re-Inventory) Treatments:  Acceptable Regen: Other Comment: Site Condition	Specs: Next Step		leave two		Well		170		Thinning	White Pine		
Proposed Start Date: 10/1 /2021  91 63025091-Cut 25.8 4310 - Pine, Oak Sawtimber 78 111- Harvest Seed Tree with Upland Deciduous with Conifer  Prescription Mark a mix of species 30 - 40 BA. Cut all jack pine. Specs:  Next Step Treatments:  Acceptable Oak sp, white pine, red pine, jack pine Regen:  Other Comment:  Site Condition	Regen: Other											
91 63025091-Cut 25.8 4310 - Pine, Oak Sawtimber 78 111- Harvest Seed Tree with Upland Deciduous with Conifer  Prescription Specs:  Next Step Treatments:  Acceptable Regen: Other Comment: Site Condition	Site Condi	tion .										
Mix Well 140 Retention Upland Deciduous with Conifer  Prescription Species 30 - 40 BA. Cut all jack pine.  Next Step Monitoring, Natural Regen (Re-Inventory)  Treatments:  Acceptable Regen:  Other Comment:  Site Condition	Proposed :	Start Date:	10/1 /20	)21								
Next Step Monitoring, Natural Regen (Re-Inventory) Treatments:  Acceptable Regen: Other Comment: Site Condition	91 6302	5091-Cut	25.8			r 78		Harvest		Upland Deciduous with	Even-Aged	No
Treatments:  Acceptable oak sp, white pine, red pine, jack pine Regen: Other Comment: Site Condition	Prescriptio Specs:	n Mark a	mix of spe	ecies 30 - 40 BA. C	ut all jack p	ine.						
Regen: Other Comment: Site Condition	Next Step Treatments		ing, Natur	al Regen (Re-Inver	ntory)							
Site Condition	Acceptable Regen: Other	e oak sp,	white pind	e, red pine, jack pir	ne							
	Comment:											
			40/4 /00	004								

Report 3 -- Treatments

Compartment: 25 Year of Entry: 2021

DNF	ATURAL AUSOURCES
MICH	HIGAN .

S t а **Treatment** Stand Size Stand BA **Treatment Treatment Cover Type** Acres Age Habitat n Method **Density** Objective Structure Name CoverType Age Range Type Cut d 93 63025093-Cut 34.7 42250 - Pine, Oak Sawtimber 111-Harvest Seed Tree 42250 - Pine, Even-Aged No Well 140 Oak Prescription Mark to leave a mix of species 10 - 20 BA. Retention will be in the residual trees left. A survey will be needed for this stand. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable jack pine, pin oak, white pine Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021 63025095-Cut 16.8 4310 - Pine, Oak Sawtimber 74 111-Harvest Seed Tree 4191 - Mixed Even-Aged No Mix Well 140 Upland Deciduous with Conifer Prescription Cut all red maple, aspen, and jack pine. Mark oak and white pine 20 - 30 BA for retention. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable white pine, jack pine, red maple, aspen, oak Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021 63025096-Cut 12.5 4125 - Black, N. Pin Sawtimber 70 81-110 Harvest Seed Tree 42250 - Pine. Even-Aged No Oak Prescription Mark to leave a mix of species 10 - 20 BA. Retention will be in the residual trees left. A survey will be needed for this stand. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) **Treatments:** Acceptable jack pine, pin oak, white pine Regen: Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2021

Cadillac Mgt. Unit Report 3 -- Treatments Compartment: 25 S Year of Entry: 2021 t а **Treatment** Stand Size Stand BA **Treatment Treatment Cover Type** Age Habitat n CoverType Method Density Range Objective Structure Name Age Type Cut d 101 63025101-Cut 3.8 4122 - Oak, Pine Sawtimber 51-80 Harvest Seed Tree 42260 - Natural Even-Aged Pine, Mixed Well Deciduous Prescription Mark oak 10-20 BA. This area will be used as a landing for the adjacent third row thinnings. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable pin oak, jack pine, white pine, aspen Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021 16 Plot 1 3.4 2113 - Forage Crops Nonstocked NonForestMgt Herbaceous/Crop 211 - Cropland No /Grass Planting Prescription Mow or plant forage and brood rearing herbaceous species. Till, fertilize, and plant annually or on rotation. Option to convert to perennial grass/forb mix with mast producing species. Specs: Next Step Treatments: Acceptable Regen: Other Comment: Site Condition Proposed Start Date: 5 /24/2019 74 Plot 10 1.4 2113 - Forage Crops Nonstocked Unspec NonForestMgt Herbaceous/Crop 211 - Cropland No /Grass Planting ified Prescription Mow or plant forage and brood rearing herbaceous species. Till, fertilize, and plant annually or on rotation. Option to convert to perennial grass/forb mix with mast producing species. Specs: Next Step Treatments: <u>Acceptable</u> Regen: Other Comment:

Site Condition

Proposed Start Date: 5 /24/2019

58 Plot 11 1.0 2113 - Forage Crops Nonstocked

NonForestMgt Herbaceous/Crop 211 - Cropland /Grass Planting

No

<u>Prescription</u> Specs: Mow or plant forage and brood rearing herbaceous species. Till, fertilize, and plant annually or on rotation. Option to convert to perennial grass/forb mix with mast producing species.

Next Step Treatments:

Acceptable Regen:

<u>Other</u>

Comment:

Site Condition

Proposed Start Date: 5 /24/2019

Report 3 -- Treatments

Compartment: 25 Year of Entry: 2021

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

86 Plot 2x 3.3 2113 - Forage Crops Nonstocked NonForestMqt Herbaceous/Crop /Grass Planting

211 - Cropland

Specs:

Prescription Mow or plant forage and brood rearing herbaceous species. Till, fertilize, and plant annually or on rotation. Option to convert to perennial grass/forb mix with mast producing species.

Next Step Treatments:

<u>Acceptable</u> Regen:

Other Comment:

Site Condition

Proposed Start Date: 5 /24/2019

3.3 2113 - Forage Crops Nonstocked 49 Plot 3x

NonForestMgt Herbaceous/Crop 211 - Cropland /Grass Planting

No

Nο

Prescription Mow or plant forage and brood rearing herbaceous species. Till, fertilize, and plant annually or on rotation. Option to convert to perennial Specs: grass/forb mix with mast producing species.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition

69

Proposed Start Date: 5 /24/2019

Plot 4 2.6 2113 - Forage Crops Nonstocked NonForestMgt Herbaceous/Crop 211 - Cropland /Grass Planting

No

Prescription Mow or plant forage and brood rearing herbaceous species. Till, fertilize, and plant annually or on rotation. Option to convert to perennial Specs: grass/forb mix with mast producing species.

Next Step **Treatments:** 

**Acceptable** Regen:

Other

Comment:

Site Condition

Proposed Start Date: 5 /24/2019

99 Plot 5 2.3 3102 - Grass Nonstocked NonForestMgt Herbaceous/Crop 211 - Cropland /Grass Planting

No

Prescription Mow or plant forage and brood rearing herbaceous species. Till, fertilize, and plant annually or on rotation. Option to convert to perennial grass/forb mix with mast producing species. Specs:

Next Step Treatments:

<u>Acceptable</u> Regen:

Other Comment:

Site Condition

Proposed Start Date: 5 /24/2019

Report 3 -- Treatments

Compartment: 25

Year of Entry: 2021 **Treatment** Stand BA **Treatment Treatment Cover Type** Acres Stand Size Age Habitat Method Name CoverType Density Age Range Type Objective Structure Cut

37 Plot 6 2.3 2113 - Forage Crops Nonstocked NonForestMqt Herbaceous/Crop /Grass Planting

211 - Cropland

Prescription Mow or plant forage and brood rearing herbaceous species. Till, fertilize, and plant annually or on rotation. Option to convert to perennial Specs: grass/forb mix with mast producing species.

Next Step Treatments:

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<u>Acceptable</u> Regen:

Other Comment:

Site Condition

Proposed Start Date: 5 /24/2019

2.2 2113 - Forage Crops Nonstocked 77 Plot 7

NonForestMgt Herbaceous/Crop 211 - Cropland /Grass Planting

No

Nο

Prescription Mow or plant forage and brood rearing herbaceous species. Till, fertilize, and plant annually or on rotation. Option to convert to perennial Specs: grass/forb mix with mast producing species.

Next Step Treatments:

Acceptable Regen:

Other Comment:

23

Site Condition

Proposed Start Date: 5 /24/2019

Plot 8

2.1 2113 - Forage Crops Nonstocked

NonForestMgt Herbaceous/Crop 211 - Cropland /Grass Planting

No

Prescription Mow or plant forage and brood rearing herbaceous species. Till, fertilize, and plant annually or on rotation. Option to convert to perennial Specs: grass/forb mix with mast producing species.

Next Step **Treatments:** 

**Acceptable** Regen:

Other

Comment:

Site Condition

Proposed Start Date: 5 /24/2019

52 Plot 9 1.5 2113 - Forage Crops Nonstocked NonForestMgt Herbaceous/Crop 211 - Cropland /Grass Planting

No

Prescription Mow or plant forage and brood rearing herbaceous species. Till, fertilize, and plant annually or on rotation. Option to convert to perennial grass/forb mix with mast producing species. Specs:

Next Step Treatments:

<u>Acceptable</u> Regen:

Other Comment:

Site Condition

Proposed Start Date: 5 /24/2019

Cadillac Mgt. Unit Report 3 -- Treatments Compartment: 25 S t Year of Entry: 2021 а Cover Type Objective Age Structure **Treatment** Acres Stand Size Stand ВА Treatment **Treatment** Habitat n Name CoverType Density Age Range Type Method d Cut

Total Treatment 393.2 Acreage Proposed:

Ryan Adamczyk: Examiner

Compartment: 25
Year of Entry: 2021

Availa	ability for	Managemer	nt					
Total	Acres	Acres Avail	Acres	De	omina	nt Site	e Con	ditions
Acres	Available	With Condition	Not Available		5B	5C	2G	5E
198	196	0	2	Aspen				2
6	0	0	6	Cedar			6	
28	28	0	0	Cropland				
5	5	0	0	Herbaceous Openland				
56	56	0	0	Jack Pine				
42	42	0	0	Low-Density Trees				
162	53	0	109	Lowland Aspen/Balsam Poplar			108	1
168	0	0	168	Lowland Conifers			168	
412	52	0	359	Lowland Deciduous			359	
35	15	0	20	Lowland Mixed Forest			20	
82	82	0	0	Lowland Shrub				
5	5	0	0	Marsh				
183	183	0	0	Mixed Upland Deciduous				
87	77	10	0	Natural Mixed Pines		10		
222	141	81	0	Oak	50	32		
17	17	0	0	Planted Mixed Pines				
18	18	0	0	Red Pine				
4	4	0	0	Upland Conifers				
151	148	0	2	Upland Mixed Forest				2
4	4	0	0	Water				
55	55	0	0	White Pine				
1,940	1,183	91	666	Total Forested Acres	50	41	661	5
	61%	5%	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.

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

Cadillac Mgt. Unit
Ryan Adamczyk: Examiner

2	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
3	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	38	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	326	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	242	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

# Report 4 – Site Conditions

Cadillac Mgt. Unit
Ryan Adamczyk: Examiner

8	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	19	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
12	Available	5B: Maintain for regeneration purposes	50	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
13	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	12	Unspecified	Unspecified	Unspecified	Unspecified
•	Comments:						
14	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	14	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

# **Report 4 – Site Conditions**

Cadillac Mgt. Unit Ryan Adamczyk: Examiner Compartment: 25
Year of Entry: 2021

15	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
16	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
18	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						

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Mgt. Unit

Compartment: #Type! Year of Entry:



### Report 5 - PROPOSED SPECIAL CONSERVATION AREA\* (SCA) DETAILS

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Comments				

Cadillac Mgt. Unit Compartment: 25





# 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.

Conservation	on Type	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen cond stocked trout populations and those of other coldwater fish speci year to year. Coldwater streams in Michigan typically provide the contributions of groundwater to their stream flows. Such streams designated as trout resources by Fisheries Order 210.	es (e.g., slimy sculpin) to persist from se conditions due to substantial
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in influences the aquatic ecosystem and vice-versa. Because of the streams and open water wetlands, riparian areas harbor a high communities are ecologically and socially significant in their effects as aesthetics, habitat, bank stability, timber production, and their	e unique conditions adjacent to lakes, liversity of plants and wildlife. Riparian cts on water quality and quantity, as well
HCVA	Natural Rivers	There are two Natural Rivers datasets which are derived from sp approved distance from the river centerlines. The Natural Rivers most Natural Rivers. The Vegetative Buffer ranges from 25 to 10 and Vegetative Buffers for each Natural River see the table locat folder.	S Zoning District is a 400 foot buffer for 00 feet. To view specific Zoning Districts
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of identified as Element Occurrences (EOs) by the Michigan Natura context of their natural community classification system. Element (Excellent) or B (Good) and a Global (G) or State (S) element (rathreatened (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 public recommendations for lands as ERAs using the DNR Constitutions.	al Features Inventory (MNFI) within the toccurrences with viability ranks of A urity) ranking of endangered (1), may be located upon any ownership in of natural community types that are processes and values. The public may



Stan	d Level 4 C	vel 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		Site	General Comments	- MICHIGAN						
1	42200 - Nat	ural White	Pine Sa	awtimb	er Well	15.8	84	81-110	N/A		Stand was treated in 2002 as part of sale # "63-087-01", "Ost	rich Fern
	Canopy Species	pecies % Cover Size Class DBH Age Sub-Canopy Species Density Avg. Height Size		Size	Mix".							
	Quaking Aspen	10	Pole/Log/Sap	8		Quak	ing Aspen	Low	5 - 10 feet	Sapling		
	White Pine	75	Log/Pole/XLog	12	84	Wh	nite Pine	High	10 - 20 feet	Sapling		
	Jack Pine	10	Pole/Sap/Log	8		Ja	ck Pine	Low	5 - 10 feet	Sapling		
						Blac	ck Cherry	Low	10 - 20 feet	Sapling		
2	42260 - Natural Pi	ine, Mixed	Deciduous Sa	awtimb	er Well	9.6	104	141-170	N/A			
	Canopy Species	% Cove	Size Class	DBI	l Age	Sub-Car	nopy Species	s Density	Avg. Height	Size		
	Red Maple	10	Pole/Log	8		Northe	ern Pin Oak	Low	< 5 feet	Sapling		
	Quaking Aspen	15	Pole/Log	8		Wh	nite Pine	Low	10 - 20 feet	Sapling		
	White Pine	40	Log/XLog/Pole	16	104	Blac	ck Cherry	Low	10 - 20 feet	Sapling		
	Jack Pine	20	Log/Pole	10		Wit	ch Hazel	Low	5 - 10 feet	Tall Shrub		
3	2113 - Fo	orage Crop	s	Nonst	ocked	0.7			No		Wildlife opening	
4	4133 - Aspe	en, Mixed F	Pine Po	oletimb	er Well	16.5	42	141-170	N/A			
	Canopy Species	% Cove	r Size Class	DBI	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Quaking Aspen	60	Pole/Log	8	42	Wit	ch Hazel	Low	5 - 10 feet	Tall Shrub		
	White Pine	18	Log/XLog/Pole	16	104	Wh	nite Pine	Low	10 - 20 feet	Sapling		
	Red Pine	8	Log/XLog	14		Quak	ing Aspen	Low	10 - 20 feet	Sapling		
						Blac	ck Cherry	Low	10 - 20 feet	Sapling		
						Re	d Maple	Low	10 - 20 feet	Sapling		
5	6230	- Cattail		Nonst	ocked	5.5	0		No		Stand is full of dead ash and elm.	
						Sub-Car	nopy Species	s Density	Avg. Height	Size		
						Та	ıg Alder	Low	5 - 10 feet	Tall Shrub		
						Quak	ing Aspen	Low	>20 feet	Pole		
6	6112 - Lo	wland Aspe	en Po	oletim	er Well	12.6	42	141-170	N/A			
	Canopy Species	% Cove	Size Class	DBI	l Age		nopy Species	S Density	Avg. Height	Size		
	Quaking Aspen	78	Pole/Log	8	42	Wh	nite Pine	Trace	10 - 20 feet	Sapling		
	White Pine	7	XLog/Log	18		Wit	ch Hazel	Low	5 - 10 feet	Tall Shrub		
	Red Maple	10	Pole/Log	8		Blac	ck Cherry	Low	10 - 20 feet	Sapling		
7	6112 - Lo	wland Aspe	en Po		er Poor	11.4	40	51-80	N/A			
	Canopy Species	% Cove	r Size Class	DBI	l Age		nopy Species		Avg. Height	Size		
	Quaking Aspen	55	Pole/Sapling	6	40		g Alder	High	5 - 10 feet	Tall Shrub		
	White Pine	10	Log/Pole	10		Red Os	ier Dogwood	Low	5 - 10 feet	Tall Shruk		
	Northern Pin Oak	15	Log/Pole	12								
	Red Maple	20	Pole/Log	8								



Stand	Level 4 Co	over Type	s S	ize De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
8	4311 - Pind	e, Aspen N	Mix Sa	awtimb	er Well	24.1	107	141-170	N/A		
	Canopy Species	% Cove	r Size Class	DBH	Age	Sub-Car	opy Species	Density	Avg. Height	Size	
	White Pine	55	Log/XLog/Pole	16	107	Wh	ite Pine	Low	10 - 20 feet	Sapling	
	Bigtooth Aspen	30	Log/Pole	10	55	Bigtoo	oth Aspen	Low	10 - 20 feet	Sapling	
1	Northern Pin Oak	8	Log/Pole/XLog	14		Witc	h Hazel	Low	5 - 10 feet	Tall Shrub	
						Red	d Maple	Low	10 - 20 feet	Sapling	
9	4133 - Aspe	en, Mixed F	Pine S	Sapling	ı Well	5.4	17 I	mmature	N/A		Stand was treated in 2002 as part of sale # "63-087-01", "Ostrich Fern Mix".
	Canopy Species	% Cove	r Size Class	DBH	Age	Sub-Car	opy Species	Density	Avg. Height	Size	IVIIX .
	Quaking Aspen	75	Sapling	2	17	Quaki	ng Aspen	Full	5 - 10 feet	Sapling	
	White Pine	20	Pole/Log	8		Wh	ite Pine	Low	5 - 10 feet	Sapling	
						Jac	k Pine	Trace	< 5 feet	Sapling	
						Blac	k Cherry	Low	5 - 10 feet	Sapling	
10	500 -	- Water	ļ	Nonsto	cked	4.3			No		
						Sub-Car	opy Species	Density	Avg. Height	Size	
						Red Osi	er Dogwood	Medium	5 - 10 feet	Tall Shrub	
						Tag	g Alder	Low	5 - 10 feet	Tall Shrub	
						Quaki	ng Aspen	Low	>20 feet	Pole	
11	4130	- Aspen		Sapling	ı Well	17.4	7	1-50	N/A		Stand treated in 2012 with timber sale # "63-034-11-01", "C25 Aspen".
• •	Canopy Species		r Size Class		Age						,
	Quaking Aspen	65	Sapling	2	7						
	Northern Pin Oak		Sapling/Pole/Log		•						
	White Pine		Sapling/Pole/Log	-							
			3	,							
12	6129 - Mixed Co Fo	oniferous L orest	owland Po	oletimb	er Well	17.8	93		N/A		
12			owland Po	oletimb	er Well	17.8	93		N/A		
13		orest			er Well · Medium		93		N/A		
	6139 - Mixed 6128 - Lowland	Lowland F Coniferous iduous	Forest Pole	etimbei			93	111-140			
13 14	6139 - Mixed 6128 - Lowland O Deci	Lowland F Coniferous iduous	Forest Pole s, Mixed Po	etimbei	· Medium	20.3	93	111-140	N/A		
13 14	6139 - Mixed 6128 - Lowland O Deci	Lowland F Coniferous iduous	Forest Pole s, Mixed Po r Size Class Log/Pole	etimbei	Medium	20.3	93	111-140	N/A		
13 14	6139 - Mixed 6128 - Lowland O Deci	Lowland F Coniferous iduous % Cove	Forest Pole s, Mixed Po	etimber	Medium	20.3	93	111-140	N/A		
13 14	6139 - Mixed 6128 - Lowland of Deci	Lowland F Coniferous iduous  Cover	Forest Pole s, Mixed Po r Size Class Log/Pole	etimber oletimb DBH	Medium	20.3	93	111-140	N/A		

Cadillac Mgt. Unit Report 7 – Stands



Stand	Level 4 Co	Cover Type Size Density Acres Stand Age BA Range Managed Site		Site	General Comments						
15	4191 - Mixed Upla Co	and Decidu	ous with Po	oletimbe	r Mediu	ım 8.9	32	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	35	Pole/Sapling	g 6	32	Wit	tch Hazel	Low	5 - 10 feet	Tall Shrub	
١	lorthern Pin Oak	30	Pole/Sapling	g 5						,	-
	Jack Pine	25	Pole/Sapling	g 6							
	Black Cherry	10	Pole/Sapling	g 6							
16	2113 - Fo	orage Crops	3	Nonst	ocked	3.4			No		Wildlife opening
17	4125 - Blac	k, N. Pin O	ak [	Poletim	oer Wel	l 53.1	37	111-140	N/A		The eastern half of this stand was trenched and hand planted to jack pine
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	using inmate labor in Fall 1982 per FTP # "C-63-74".
	Quaking Aspen	8	Pole	6		Bla	ck Cherry	Medium	10 - 20 feet	Sapling	
١	lorthern Pin Oak	65	Pole/Log	8	37	W	hite Pine	Trace	10 - 20 feet	Sapling	
	Jack Pine	25	Pole	7		Black/Re	d (Hybrid) Oak	Medium	10 - 20 feet	Sapling	
18	6220 - A	lder/willow		Nonst	ocked	1.0			No		٦
							nopy Species	Density	Avg. Height	Size	
						Та	ag Alder	Full	5 - 10 feet	Tall Shrub	
19	6119 - Mixed Lo Fo	wland Deci prest	iduous [	Poletimi	oer Wel	1 7.3	47	111-140	N/A		
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Bigtooth Aspen	37	Pole/Log	8	47	Re	ed Maple	Medium	10 - 20 feet	Sapling	
	Red Maple	30	Log/Pole	10		Wit	tch Hazel	Medium	5 - 10 feet	Tall Shrub	
Blac	k/Red (Hybrid) Oak	30	Log/Pole	10							
21	6229 - Mixed	l lowland sh	nrub	Nonst	ocked	7.4			No		
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						Ta	ag Alder	Low	5 - 10 feet	Tall Shrub	
						Bigto	ooth Aspen	Low	>20 feet	Pole	
						W	hite Pine	Trace	>20 feet	Log	
22	3301 - Low Densi	ity Deciduo	us Trees	Nonst	ocked	31.6	0		4191 - Mixed Deciduous wit		This stand should be burned to help control maple stump sprouting and encourage oak regeneration.
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						Bigto	ooth Aspen	Medium	5 - 10 feet	Sapling	
						Re	ed Maple	Medium	5 - 10 feet	Sapling	



Stand	and Level 4 Cover		e Size Densit			Acres	Stand Age	BA Range	Managed	Site	General Comments	MICHIGAN
24	6229 - Mixed	d lowland s	shrub	Nonsto	cked	5.6	0		No			
						Sub-Ca	nopy Species	s Density	Avg. Height	Size		
						Ta	g Alder	High	5 - 10 feet	Tall Shrub		
						Bigto	oth Aspen	Medium	>20 feet	Pole		
25	6128 - Lowland Dec	Coniferous ciduous	s, Mixed Sa	awtimbe	er Poor	f 62.8	100	1-50	N/A			
	Canopy Species	% Cove	r Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size		
	White Pine	35	Log/XLog/Pole	14	100	Ca	tail spp.	High	Unspecified	Non-Wood		
	Hemlock	10	Log/Pole	12						,		
Nor	thern White Cedar	30	Pole/Log	9								
I	Bigtooth Aspen	25	Log/Pole	10								
26	4191 - Mixed Upla Co	and Decidu	uous with	Sapling	Well	62.3	14	Immature	N/A		Stand was treated in 2005 as part of sale # "63-062-01", "A & R Jackpine".	₹
	Canopy Species	% Cove	r Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size		
	White Oak	10	Sapling/Pole	4		Re	d Maple	Medium	< 5 feet	Sapling		
N	lorthern Pin Oak	40	Sapling/Pole/Log	g 3	14	Black/Re	d (Hybrid) Oa	k Medium	< 5 feet	Sapling		
	White Pine	10	Sapling/Pole	4		Ja	ck Pine	Medium	< 5 feet	Sapling		
	Jack Pine	20	Sapling	3		Blad	k Cherry	High	< 5 feet	Sapling		
	Black Cherry	10	Sapling/Pole	3				'	1	'		
27	6112 - Lo	wland Asp	en Saw	vtimber	Mediu	m 19.0	58	141-170	N/A			
	Canopy Species	% Cove	r Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size		
	Bigtooth Aspen	45	Log/Pole	10	58	Wh	nite Pine	Low	5 - 10 feet	Sapling		
	Paper Birch	10	Pole/Log	8		Car	tail spp.	Low	Unspecified	Non-Wood		
	Red Maple	25	Log/Pole	10			k Cherry	Low	10 - 20 feet	Sapling		
	White Pine	10	Log/XLog	14			d Maple	Medium	10 - 20 feet	Sapling		
						Wit	ch Hazel	Low	5 - 10 feet	Tall Shrub		
28	6220 - A	Alder/willow	V	Nonsto	cked	15.4			No			
						Sub-Ca	nopy Species	s Density	Avg. Height	Size		
							g Alder	High	5 - 10 feet	Tall Shrub		
							oth Aspen	Low	>20 feet	Pole		
							ite Pine	Trace	>20 feet	Log		
29	3102	- Grass		Nonsto	cked	2.8			No		Gas pipeline	



Stand	tand Level 4 Cover Type			Size D	ensity	Acres	Stand Age E	BA Range	Managed \$	Site	General Comments	MICHIG
30	6117 - Lowland Con	Deciduous iferous	, Mixed	Sawtimber Well		45.7 84		111-140	N/A			
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	White Oak	15	Log/Pole	10		W	hite Pine	Low	10 - 20 feet	Sapling		
	Bigtooth Aspen						ooth Aspen	Low	10 - 20 feet	Sapling		
ı	Northern Pin Oak	30	Log/Pole	12	84	Re	ed Maple	Low	10 - 20 feet	Sapling		
	White Pine	15	Log/Pole	10		North	ern Pin Oak	Low	5 - 10 feet	Sapling		
	Jack Pine	10	Log/Pole	10				'	1	'		
31	6113 - Lo	wland Map	le	Poletim	oer Well	9.6	50	111-140	N/A		There is lots of dead ash throughout the stand.	
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Red Maple	90	Log/Pole	10	50	Wi	tch Hazel	Low	5 - 10 feet	Tall Shrub		
	Bigtooth Aspen	10	Pole/Log	8		T	ag Alder	Low	5 - 10 feet	Tall Shrub		
32	4131 - A	spen, Oak		Poletim	oer Well	22.0	47	141-170	N/A			
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Quaking Aspen	63	Pole/Log	8	47	Bla	ck Cherry	Medium	10 - 20 feet	Sapling		
Bla	ck/Red (Hybrid) Oak	20	Pole/Log	8		Wi	tch Hazel	Low	5 - 10 feet	Tall Shrub		
	Red Maple	10	Pole	7		Re	ed Maple	Low	10 - 20 feet	Sapling		
						W	hite Pine	Trace	5 - 10 feet	Sapling		
33	6112 - Lov	wland Aspe	en	Poletim	oer Well	16.4	52	141-170	N/A			
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Bigtooth Aspen	65	Pole/Log	8	52	Wi	tch Hazel	Low	5 - 10 feet	Tall Shrub		
No	orthern White Cedar	10	Pole	8								
	Quaking Aspen	15	Pole	7								
	Red Maple	10	Log/Pole	10								
34	6120 - Lov	wland Ced	ar	Sawtiml	er Well	5.8	97	111-140	N/A			
	Canopy Species	% Cover	Size Class	DBI	H Age		nopy Species	Density	Avg. Height	Size		
	Bigtooth Aspen	25	Log/Pole	10		W	hite Pine	Low	5 - 10 feet	Sapling		
No	orthern White Cedar	50	Pole/Log	8	97	T	ag Alder	Low	5 - 10 feet	Tall Shrub		
	White Pine	15	Log/XLog	14								
ı	Northern Pin Oak	10	Log/Pole	12								
35	622 - Lov	vland Shrul	b	Nonst	ocked	36.4		Immature	No			
						Sub-Ca	nopy Species	Density	Avg. Height	Size		
						T	ag Alder	High	5 - 10 feet	Tall Shrub		
						Bigto	ooth Aspen	Medium	>20 feet	Pole		
						Ca	ttail spp.	High	Unspecified	Non-Wood		
						Norther	n White Cedar	Low	10 - 20 feet	Pole		



Stand	Level 4 Co	ver Type		Size Den	sity	Acres	Stand Age B	A Range	Managed	Site	General Comments
36	42141 - Planted M Decid	Mixed Pine duous	, Mixed F	Poletimber	r Well	17.2	36	141-170	N/A		Stand was clearcut in 1982 then trenched and hand planted to red pine in Spring 1983 per FTP # "C-63-213". Possibly treat.
	Canopy Species	% Cover	Size Class	DBH A	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
1	Northern Pin Oak	30	Pole/Log	8		Norther	n Pin Oak	Medium	10 - 20 feet	Sapling	
	Red Pine	46	Pole/Sapling	7	36	Black	Cherry	Medium	10 - 20 feet	Sapling	
	Jack Pine	20	Pole/Sapling	7							
37	2113 - Fo	rage Crops	3	Nonstocl	ked	2.3			No		Wildlife opening
38	6119 - Mixed Lov Fo	wland Deci rest	iduous F	Poletimber	r Well	31.1	68	111-140	N/A		Trees are mature and ready ot be harvested. Area is EXTREMELY wet. There is several feet of water in area during winter. It may be impossible
	Canopy Species	% Cover	Size Class	DBH A	Aae						to get equipment in to harvest.
	Red Maple	50	Log/Pole		68						
	Quaking Aspen	30	Pole/Log	8							
39	612 - Lowland C	Coniferous	Forest F	Poletimber	r Well	7.1	89		N/A		
40	6118 - Lowland De	ciduous w	ith Cedar F	Poletimber	r Well	22.0	63	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH A	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Bigtooth Aspen	35	Pole/Log	8	63	Tag	Alder	Low	5 - 10 feet	Tall Shrub	
	Quaking Aspen	20	Pole	6		Catt	ail spp.	Low	Unspecified	Non-Wood	
No	rthern White Cedar	30	Pole	9	94						
	Red Maple	15	Log/Pole	10							
41	6229 - Mixed	lowland sh	nrub	Nonstocl	ked	16.4			No		This is the South Branch of Cole Creek flowing from the Baldwin Luther
						Sub-Can	opy Species	Density	Avg. Height	Size	Swamp. Lots of dead cedar, elm, and ash.
						Tag	Alder	High	5 - 10 feet	Tall Shrub	
						Catt	ail spp.	Medium	Unspecified	Non-Wood	
						Northern '	White Cedar	Low	10 - 20 feet	Pole	
						Bigtoo	th Aspen	Low	>20 feet	Pole	
42	4130 -	Aspen	F	Poletimber		25.7	52	141-170	N/A		This stand should be harvested in winter to minimize soil disturbance.  Crane mats are needed on the forest road off of Nelson Rd.
	Canopy Species	% Cover		DBH A	Age		opy Species	Density	Avg. Height	Size	
	Quaking Aspen	35	Pole/Log/Sap				h Hazel	Low	5 - 10 feet	Tall Shrub	
	Bigtooth Aspen	53	Pole/Log		52	Tag	Alder	Trace	5 - 10 feet	Tall Shrub	
	Red Maple	10	Pole/Log	8							
43	4125 - Black	k, N. Pin O	ak S	Sawtimber	Poor	14.1	72	1-50	N/A		Stand was treated in 2013 with timber sale # "63-043-11-01", "Oakus leakus"
	Camanu Casaisa	% Cover	Size Class		۸۵۵	Sub-Can	opy Species	Density	Avg. Height	Size	Jackus".
	Canopy Species	70 COVE	Size Class	DBH A		Oub-Ouri	opy opeoide				
1	Northern Pin Oak	100	Log/Pole	14			n Pin Oak	Medium	< 5 feet	Sapling	



Stand	Level 4 C	vel 4 Cover Type Size Density Acres Stand Age BA Ran		A Range	Managed S	Site	General Comments	CHIGAN .				
44	4310 - Pi	ne, Oak Mi	x	Sawtimb	er Well	54.0	64	111-140	N/A			
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
No	orthern Pin Oak	43	Log	14		WI	hite Pine	Low	10 - 20 feet	Sapling		
	Jack Pine	55	Log/Pole	10	64	North	ern Pin Oak	Medium	10 - 20 feet	Sapling		
						Re	ed Maple	Low	10 - 20 feet	Sapling		
45	429 - Mixed l	Jpland Con	nifers Po	oletimbe	Mediur	m 4.0	33	51-80	N/A			
(	Canopy Species	% Cover	Size Class	DBF	Age							
,	White Spruce	45	Sapling/Pole	e 4	33							
	Jack Pine	45	Pole/Sapling	g 5								
No	orthern Pin Oak	10	Log/Pole/Sa	p 10								
46	6112 - Lov	wland Aspe	en	Poletimb	er Well	11.6	47	141-170	N/A		Aspen is ready to be harvested, however access is an issue. the	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	surrounding areas are wet most of the year.	
	Red Maple	30	Log/Pole	8		Wit	tch Hazel	Low	5 - 10 feet	Tall Shrub		
	Red Oak	20	Pole/Sapling	g 4		Re	ed Maple	Low	10 - 20 feet	Sapling		
- 0	Quaking Aspen	45	Pole/Log	8	47							
47	6112 - Lov	wland Aspe	en	Poletimb	er Well	10.2	52		N/A			
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
Е	Bigtooth Aspen	65	Pole/Log/Sa	p 7	52	Ta	ag Alder	Low	5 - 10 feet	Tall Shrub		
	Red Maple	30	Pole/Log	8								
48	4126 - White, E	Black, N. P	in Oak	Sawtimb	er Poor	29.8	73	1-50	N/A			
(	Canopy Species	% Cover	Size Class	DBF	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	White Oak	40	Log	10		Black/Re	d (Hybrid) Oak	Low	< 5 feet	Sapling		
No	orthern Pin Oak	50	Log	12	73	Re	ed Maple	Medium	< 5 feet	Sapling		
	White Pine	10	Log/XLog	14		WI	hite Pine	Low	5 - 10 feet	Sapling		
		-				W	hite Oak	Low	< 5 feet	Sapling		
						Bigto	ooth Aspen	Medium	5 - 10 feet	Sapling		
49	2113 - Fo	orage Crops	S	Nonsto	cked	3.3			No		Wildlife opening	
50	330 - Low-I	Density Tre	ees	Nonsto	cked	10.5			4212 - Planted	Jack Pine	Cut all trees. Trench and plant to jack pine.	
						Sub-Ca	nopy Species	Density	Avg. Height	Size		
						Та	ag Alder	Medium	5 - 10 feet	Tall Shrub		
						Ja	ack Pine	Low	10 - 20 feet	Sapling		



Stand	tand Level 4 Cover		er Type		Size Density		Acres Stand Age BA		Managed S	ite	General Comments
51	42200 - Natu	ural White F	Pine	Sawtimbe	er Well	6.1	78	111-140	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
N	lorthern Pin Oak	20	Log/Pole	12		Wh	ite Pine	Full	Variable	Pole	
	White Pine	68	Log/XLog/Pol	le 14	78						
	White Oak	8	Log/Pole	12							
52	2113 - Fo	orage Crops	S	Nonsto	cked	1.5			No		Wildlife opening
53	6112 - Lov	wland Aspe	en I	Poletimbe	er Well	37.8	55	141-170	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
(	Quaking Aspen	65	Log/Pole	10	55	Quaki	ing Aspen	Low	< 5 feet	Sapling	
N	lorthern Pin Oak	20	Log/Pole	12		Wito	ch Hazel	Low	5 - 10 feet	Tall Shrub	
	Red Maple	15	Log/Pole	10		Northe	rn Pin Oak	Low	5 - 10 feet	Sapling	
54	42110 - Plai	nted Red P	Pine	Sawtimbe	er Well	9.1	58	141-170	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Red Pine	95	Log/Pole	10	58	Wh	ite Pine	Medium	5 - 10 feet	Sapling	
55	42121 - Planted Deci	Jack Pine,	, Mixed	Sapling	Well	26.8	23	Immature	N/A		Stand was planted to jack pine in May 1996 per FTP # "C-63-395".
	Canopy Species	% Cover	Size Class	DBH	Age						
	Jack Pine	75	Sapling	4	23						
N	lorthern Pin Oak	15	Sapling	4							
56	6118 - Lowland De	eciduous w	vith Cedar Po			n 117.4	55	81-110	N/A		dead lowland ash
	Canopy Species		Size Class	DBH							
	Bigtooth Aspen	50	Log/Pole	10	55						
	Red Maple	30	Log/Pole	10							
Nor	thern White Cedar	20	Pole	8							
57	4191 - Mixed Upla Co	and Decidu onifer	ous with	Sapling	Well	45.5	14	Immature	N/A		Stand was treated in 2005 as part of sale # "63-051-01", "Power Pole JP"
	Canopy Species	% Cover	Size Class	DBH	Age						
I	Bigtooth Aspen	10	Sapling	2							
N	lorthern Pin Oak	28	Log	12	68						
	Jack Pine	35	Sapling	2	14						
N	lorthern Pin Oak	20	Sapling	3							
58	2113 - Fo	orage Crops	s	Nonsto	cked	1.0			No		Wildlife opening



Stan	d Level 4 C	over Type		Size De	попц	Acres	Stand Age E	SA Kaliye	Managed S	Site	General Comments	MICHIGAN
59	6118 - Lowland De	eciduous wi	th Cedar	Poletimb	er Well	100.8	47	111-140	N/A			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Quaking Aspen	40	Pole/Log	8	47	Wit	ch Hazel	Medium	5 - 10 feet	Tall Shrub		
No	orthern White Cedar	35	Pole/Log	8								
	Red Maple	25	Pole/Log	8								
60	6112 - Lov	wland Asper	n	Sawtimb	er Well	18.4	62	141-170	N/A			
	Canopy Species	% Cover	Size Class		Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Quaking Aspen	65	Log/Pole	10	62	Quak	king Aspen	Low	< 5 feet	Sapling		
	Northern Pin Oak	20	Log/Pole	12		Wit	ch Hazel	Medium	5 - 10 feet	Tall Shrub		
	Red Maple	15	Log/Pole	10		North	ern Pin Oak	Low	5 - 10 feet	Sapling		
61	6112 - Lov	wland Aspe	n Pe	oletimber	Mediun	n 24.8	55	81-110	N/A			
	Canopy Species	% Cover	Size Class	DBH	Age							
	Red Maple	10	Pole/Log	8								
	Bigtooth Aspen	80	Pole/Log	8	55							
			1 010/ 209									
	White Pine	6	Log/XLog	14		n 71.0	82	1-50	N/Δ			
62	White Pine 6117 - Lowland Con	Deciduous, iferous	Log/XLog  Mixed Po		Mediun	n 71.0	82	1-50	N/A		Some scattered pockets of small aspen.	
62	White Pine 6117 - Lowland Con	Deciduous, iferous	Log/XLog  Mixed Po	14  oletimber  Sawtimb	· Mediun	6.8	62	141-170	N/A	Sizo	Some scattered pockets of small aspen.	
	White Pine 6117 - Lowland Con 6113 - Low	6 Deciduous, iferous wland Maple % Cover	Log/XLog Mixed Po	14 oletimber Sawtimb	Mediun	6.8 <b>Sub-Ca</b>	62 nopy Species	141-170 <b>Density</b>	N/A Avg. Height	Size Sapling	Some scattered pockets of small aspen.	
64	White Pine 6117 - Lowland Con 6113 - Low Canopy Species Quaking Aspen	Deciduous, iferous wland Maple % Cover 20	Log/XLog  Mixed Personal Perso	14  oletimber  Sawtimb  DBH	· Mediun	6.8 <b>Sub-Ca</b>	62	141-170	N/A	Size Sapling	Some scattered pockets of small aspen.	
64	White Pine 6117 - Lowland Con 6113 - Low	6 Deciduous, iferous wland Maple % Cover	Log/XLog  Mixed Pe  Size Class  Log/Pole  Log/Pole	14 oletimber Sawtimb	er Well	6.8 <b>Sub-Ca</b>	62 nopy Species	141-170 <b>Density</b>	N/A Avg. Height		Some scattered pockets of small aspen.	
64	White Pine 6117 - Lowland Con 6113 - Low Canopy Species Quaking Aspen Northern Pin Oak Red Maple 6128 - Lowland	Deciduous, iferous  wland Maple  **Cover* 20 10 70	Log/XLog  Mixed Pole  Size Class  Log/Pole  Log/Pole  Log/Pole	Sawtimb  DBH 10 12	er Well	6.8 <b>Sub-Ca</b>	62 nopy Species	141-170 <b>Density</b>	N/A Avg. Height		Some scattered pockets of small aspen.	
64	White Pine 6117 - Lowland Con 6113 - Low Canopy Species Quaking Aspen Northern Pin Oak Red Maple 6128 - Lowland	Deciduous, iferous  wland Maple  % Cover 20 10 70  Coniferous, iduous	Log/XLog  Mixed Pole  Size Class  Log/Pole  Log/Pole  Log/Pole	Sawtimb  DBH 10 12 10 Sawtimb	er Well	6.8  Sub-Ca  Qual	62 <b>nopy Species</b> king Aspen	141-170  Density  Low  111-140	N/A Avg. Height < 5 feet		Some scattered pockets of small aspen.	
64	White Pine 6117 - Lowland Con 6113 - Low Canopy Species Quaking Aspen Northern Pin Oak Red Maple 6128 - Lowland	Deciduous, iferous  wland Maple  % Cover 20 10 70  Coniferous, iduous	Log/XLog  Mixed Po  Size Class Log/Pole Log/Pole Log/Pole Mixed	Sawtimb  DBH 10 12 10 Sawtimb	er Well  62 er Well	6.8  Sub-Ca  Qual  13.7  Sub-Ca	62 nopy Species king Aspen	141-170  Density  Low  111-140	N/A  Avg. Height  < 5 feet	Sapling	Some scattered pockets of small aspen.	
64	White Pine  6117 - Lowland Con  6113 - Low  Canopy Species  Quaking Aspen  Northern Pin Oak  Red Maple  6128 - Lowland Con  Dec  Canopy Species	Deciduous, iferous  wland Maple  % Cover  20 10 70  Coniferous, iduous  % Cover	Log/XLog  Mixed Pole  Size Class Log/Pole Log/Pole Log/Pole Mixed  Size Class	Sawtimb  DBH 10 12 10 Sawtimb	er Well  62 er Well	6.8  Sub-Ca  Qual  13.7  Sub-Ca	62 nopy Species king Aspen  108  nopy Species	141-170  Density  Low  111-140  Density	N/A  Avg. Height  < 5 feet  N/A  Avg. Height	Sapling	Some scattered pockets of small aspen.	
64	White Pine  6117 - Lowland Con  6113 - Low  Canopy Species  Quaking Aspen  Northern Pin Oak  Red Maple  6128 - Lowland Dec  Canopy Species  Red Maple	Deciduous, iferous  wland Maple  % Cover  20 10 70  Coniferous, iduous  % Cover  15	Log/XLog  Mixed Pole  Size Class Log/Pole Log/Pole Mixed  Size Class Log/Pole	Sawtimb  DBH 10 12 10 Sawtimb  DBH 10 11 10 11 10 11 10	er Well  62 er Well	6.8  Sub-Ca  Qual  13.7  Sub-Ca	62 nopy Species king Aspen  108  nopy Species	141-170  Density  Low  111-140  Density	N/A  Avg. Height  < 5 feet  N/A  Avg. Height	Sapling	Some scattered pockets of small aspen.	
64	White Pine  6117 - Lowland Con  6113 - Low  Canopy Species  Quaking Aspen  Northern Pin Oak  Red Maple  6128 - Lowland Dec  Canopy Species  Red Maple  White Pine  Hemlock	Deciduous, iferous  wland Maple  % Cover 20 10 70  Coniferous, iduous  % Cover 15 20	Log/XLog  Mixed Pole  Size Class Log/Pole Log/Pole Log/Pole XLog/Pole XLog/Log Log/Pole	Sawtimber  DBH 10 12 10 Sawtimb  DBH 10 11 10 11 10 11 10 11 11 10 11 10 11	er Well Age 62 er Well Age 1 Age	6.8  Sub-Ca  Qual  13.7  Sub-Ca	62 nopy Species king Aspen  108  nopy Species	141-170  Density  Low  111-140  Density	N/A  Avg. Height  < 5 feet  N/A  Avg. Height	Sapling	Some scattered pockets of small aspen.	
65	White Pine  6117 - Lowland Con  6113 - Low  Canopy Species  Quaking Aspen  Northern Pin Oak  Red Maple  6128 - Lowland Dec  Canopy Species  Red Maple  White Pine  Hemlock	Deciduous, iferous  wland Maple  % Cover  20 10 70  Coniferous, iduous  % Cover  15 20 55  - Aspen	Log/XLog  Mixed Pole  Size Class Log/Pole Log/Pole Log/Pole XLog/Pole XLog/Log Log/Pole	Sawtimber  Sawtimber  10 12 10 Sawtimb  DBH 10 12 10 Poletimber	er Well Age 62 er Well Age 1 Age	6.8  Sub-Ca  Qual  13.7  Sub-Ca  WI	62 nopy Species king Aspen  108 nopy Species nite Pine	141-170  Density  Low  111-140  Density  Medium	N/A  Avg. Height  < 5 feet  N/A  Avg. Height  5 - 10 feet	Sapling	Some scattered pockets of small aspen.	
65	White Pine  6117 - Lowland Con  6113 - Low  Canopy Species  Quaking Aspen  Northern Pin Oak  Red Maple  6128 - Lowland Dec  Canopy Species  Red Maple  White Pine  Hemlock	Deciduous, iferous  wland Maple  % Cover  20 10 70  Coniferous, iduous  % Cover  15 20 55  - Aspen	Log/XLog  Mixed Pole  Size Class Log/Pole Log/Pole  Mixed  Size Class Log/Pole  XLog/Pole  XLog/Pole  XLog/Pole	Sawtimber  Sawtimber  10 12 10 Sawtimb  DBH 10 12 10 Poletimber	er Well 62 er Well 1 Age 108 er Well	6.8  Sub-Ca  Qual  13.7  Sub-Ca  WI	62 nopy Species ting Aspen  108 nopy Species nite Pine	141-170  Density  Low  111-140  Density  Medium	N/A  Avg. Height < 5 feet  N/A  Avg. Height 5 - 10 feet	Sapling  Size  Sapling	Some scattered pockets of small aspen.	



Stand	Level 4 Co	over Type	s	Size De	nsity	Acres	Stand Age B	A Range	Managed \$	Site	General Comments
67	42100 - Plan	ted White I	Pine Po	oletimb	er Well	6.8	44	141-170	N/A		Part of a mixed pine plantation which was split by species dominance into
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	different stands. Some natural oak regeneration.
N	lorthern Pin Oak	8	Log/Pole	12		Blac	k Cherry	Low	< 5 feet	Sapling	
	White Pine	90	Pole/Log	8	44			,			
68	4126 - White, E	Black, N. Pi	n Oak Sa	awtimb	er Well	11.9	82	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	White Oak	30	Log/Pole	12		Wh	ite Oak	Medium	5 - 10 feet	Sapling	
	Red Oak	25	Log	14		Bigtod	oth Aspen	Low	< 5 feet	Sapling	
Blac	k/Red (Hybrid) Oak	30	Log	14	82	Wh	ite Pine	Low	10 - 20 feet	Sapling	
	White Pine	10	Log/Pole/XLog	10		Red	d Maple	Low	10 - 20 feet	Sapling	
				,		Wito	ch Hazel	Low	5 - 10 feet	Tall Shrub	
69	2113 - Fo	orage Crops	3	Nonsto	cked	2.6			No		wildlife opening
70	42110 - Plar	nted Red P	ine Po	oletimb	er Well	9.0	47	141-170	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
Blac	k/Red (Hybrid) Oak	15	Log/Pole	10		Blac	k Cherry	Low	< 5 feet	Tall Shrub	
	Red Pine	85	Pole/Log	8	47					-	
71	42250 -	Pine, Oak	Po	oletimb	er Well	42.1	32	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
Blac	k/Red (Hybrid) Oak	30	Pole/Sapling	6		Bigto	oth Aspen	Trace	>20 feet	Sapling	
	Jack Pine	50	Pole	6	32	Jac	ck Pine	Medium	10 - 20 feet	Sapling	
	Red Pine	7	Log	14		Blac	k Cherry	Medium	10 - 20 feet	Sapling	
	White Pine	8	Log/XLog	14							
72	4130	- Aspen	Po	oletimb	er Well	42.6	45	141-170	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Red Maple	20	Pole/Sapling	7		Wh	ite Oak	Low	10 - 20 feet	Sapling	
(	Quaking Aspen	40	Pole/Log/Sap	8	45	Wito	ch Hazel	High	5 - 10 feet	Tall Shrub	
	Bigtooth Aspen	20	Pole/Log/Sap	8		Re	ed Oak	Low	10 - 20 feet	Sapling	
	White Oak	8	Pole	7				1		1	
73	4130	- Aspen	S	awtimb	er Well	38.6	55	141-170	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
I	Bigtooth Aspen	83	Log/Pole	10	55	Red	d Maple	Low	10 - 20 feet	Sapling	
	Red Maple	8	Pole/Log	8		Wito	ch Hazel	High	5 - 10 feet	Tall Shrub	
						Northe	rn Pin Oak	Low	10 - 20 feet	Sapling	
						Blac	k Cherry	Low	10 - 20 feet	Sapling	

Compartment: 25 Year of Entry: 2021



Stand	Level 4 Co	over Type		Size De	nsity	Acres S	Stand Age	BA Range	Managed S	ite	General Comments
74	2113 - Fo	orage Crops	i	Nonsto	cked	1.4		Unspecified	No		wildlife opening
75	4126 - White, B	Black, N. Pi	n Oak	Poletimb	er Well	12.3	42	1-50	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	s Density	Avg. Height	Size	
	White Oak	40	Pole	8		Whit	te Pine	Trace	10 - 20 feet	Sapling	
١	Northern Pin Oak	46	Pole/Log	8	42	Whi	ite Oak	Medium	10 - 20 feet	Sapling	
	Red Maple	10	Pole	8		Norther	rn Pin Oak	Low	10 - 20 feet	Sapling	
					1	Witcl	h Hazel	Low	5 - 10 feet	Tall Shrub	
76	4130	- Aspen		Sapling	Well	25.7	7	Immature	N/A		Stand was treated in 2012 with timber sale # "63-034-11-01", "C25
	Canopy Species	% Cover	Size Class	DBH	Age						Aspen".
١	Northern Pin Oak	8	Log/Pole	10							
	Bigtooth Aspen	85	Sapling	1	7						
77	2113 - Fo	orage Crops		Nonsto	cked	2.2			No		wildlife opening
77 78	4126 - White, E	Black, N. Pii	n Oak	Sawtimb	er Poor	49.9	102	1-50	N/A		Stand was treated in 2014 as part of sale # "63-033-11", "Motivational
	4126 - White, E	Black, N. Pii	n Oak Size Class	Sawtimbe DBH		49.9 <b>Sub-Can</b>	opy Species		N/A Avg. Height	Size	
78	4126 - White, E Canopy Species White Oak	Black, N. Pin	n Oak Size Class Log/Pole	Sawtimbe DBH	er Poor	49.9 Sub-Can	opy Species	s Density	N/A  Avg. Height  < 5 feet	Sapling	Stand was treated in 2014 as part of sale # "63-033-11", "Motivational
78	4126 - White, E	Black, N. Pii	n Oak Size Class	Sawtimbe DBH	er Poor	49.9 Sub-Can	opy Species	s Density	N/A Avg. Height		Stand was treated in 2014 as part of sale # "63-033-11", "Motivational
78	4126 - White, E Canopy Species White Oak	Black, N. Pin	n Oak Size Class Log/Pole	Sawtimbe DBH	er Poor	49.9  Sub-Cane  Whi	opy Species	s Density	N/A  Avg. Height  < 5 feet	Sapling	Stand was treated in 2014 as part of sale # "63-033-11", "Motivational
78	4126 - White, E Canopy Species White Oak ck/Red (Hybrid) Oak 4191 - Mixed Upla	Black, N. Pin  Cover  20 80	n Oak Size Class Log/Pole Log/Pole	Sawtimbe DBH	er Poor Age	49.9  Sub-Cane  Whith Serviceberry Norther	opy Species ite Oak ry (Juneberr	s Density Low y) Low	N/A  Avg. Height  < 5 feet  < 5 feet	Sapling Sapling	Stand was treated in 2014 as part of sale # "63-033-11", "Motivational
<b>78</b>	4126 - White, E Canopy Species White Oak ck/Red (Hybrid) Oak 4191 - Mixed Upla	Black, N. Piu  Cover  20 80  and Deciduo	n Oak Size Class Log/Pole Log/Pole	Sawtimbe DBH 10 12 Sapling N	er Poor Age	49.9  Sub-Cane  Whith Serviceberry Norther	opy Species ite Oak ry (Juneberr rn Pin Oak	S Density  Low  y) Low  Medium	N/A  Avg. Height  < 5 feet  < 5 feet  < 5 feet	Sapling Sapling	Stand was treated in 2014 as part of sale # "63-033-11", "Motivational Santa Oak". Cut all aspen and mark oak 30 - 40 BA.  Stand was treated in 2002 as part of sale # "63-086-01", "Skink Oak
78 Blac	4126 - White, E Canopy Species White Oak Ck/Red (Hybrid) Oak 4191 - Mixed Upla	Black, N. Piu  Cover  20 80  and Deciduo	n Oak Size Class Log/Pole Log/Pole	Sawtimbe DBH 10 12 Sapling N	Age 102	49.9  Sub-Cane  Whith Serviceberry Norther	opy Species ite Oak ry (Juneberr rn Pin Oak	S Density  Low  y) Low  Medium	N/A  Avg. Height  < 5 feet  < 5 feet  < 5 feet	Sapling Sapling	Stand was treated in 2014 as part of sale # "63-033-11", "Motivational Santa Oak". Cut all aspen and mark oak 30 - 40 BA.  Stand was treated in 2002 as part of sale # "63-086-01", "Skink Oak
78 Blac	4126 - White, E Canopy Species White Oak ck/Red (Hybrid) Oak 4191 - Mixed Upla Co Canopy Species	% Cover 20 80 and Decidue	n Oak Size Class Log/Pole Log/Pole ous with Size Class	Sawtimbo  DBH  10  12  Sapling N	Age 102 Medium	49.9  Sub-Cane  Whith Serviceberry Norther	opy Species ite Oak ry (Juneberr rn Pin Oak	S Density  Low  y) Low  Medium	N/A  Avg. Height  < 5 feet  < 5 feet  < 5 feet	Sapling Sapling	Stand was treated in 2014 as part of sale # "63-033-11", "Motivational Santa Oak". Cut all aspen and mark oak 30 - 40 BA.  Stand was treated in 2002 as part of sale # "63-086-01", "Skink Oak
78 Blac	4126 - White, E Canopy Species White Oak ck/Red (Hybrid) Oak 4191 - Mixed Upla Co Canopy Species Northern Pin Oak	Black, N. Pin  Cover  20 80  and Deciduo  infer  Cover  50	n Oak Size Class Log/Pole Log/Pole ous with Size Class Sapling	Sawtimbo  DBH  10  12  Sapling N  DBH  3	Age 102 Medium	49.9  Sub-Cane  Whith Serviceberry Norther	opy Species ite Oak ry (Juneberr rn Pin Oak	S Density  Low  y) Low  Medium	N/A  Avg. Height  < 5 feet  < 5 feet  < 5 feet	Sapling Sapling	Stand was treated in 2014 as part of sale # "63-033-11", "Motivational Santa Oak". Cut all aspen and mark oak 30 - 40 BA.  Stand was treated in 2002 as part of sale # "63-086-01", "Skink Oak
78 Blac	4126 - White, E Canopy Species White Oak ck/Red (Hybrid) Oak  4191 - Mixed Upla Co Canopy Species Northern Pin Oak White Pine	80 80 80 80 80 80 80 80 80 80 80 80 80 8	n Oak  Size Class  Log/Pole  Log/Pole  bus with  Size Class  Sapling  Log  Sapling	Sawtimber DBH 10 12 Sapling M DBH 3 14	102 Medium Age 17	49.9  Sub-Cane  Whith Serviceberry Norther	opy Species ite Oak ry (Juneberr rn Pin Oak	S Density  Low  y) Low  Medium	N/A  Avg. Height  < 5 feet  < 5 feet  < 5 feet	Sapling Sapling	Stand was treated in 2014 as part of sale # "63-033-11", "Motivational Santa Oak". Cut all aspen and mark oak 30 - 40 BA.  Stand was treated in 2002 as part of sale # "63-086-01", "Skink Oak
78 Blace 79	4126 - White, E  Canopy Species  White Oak  ck/Red (Hybrid) Oak  4191 - Mixed Upla  Co  Canopy Species  Northern Pin Oak  White Pine  Black Cherry	80 80 80 80 80 80 80 80 80 80 80 80 80 8	n Oak  Size Class Log/Pole Log/Pole  bus with  Size Class Sapling Log Sapling orest	Sawtimbo  DBH  10  12  Sapling N  DBH  3  14  3  Sawtimbo	102 Medium Age 17	Sub-Cane Whith Service berry Norther 26.0	opy Species ite Oak rry (Juneberr rn Pin Oak	S Density Low y) Low Medium Immature	N/A  Avg. Height  < 5 feet  < 5 feet  < 5 feet  N/A	Sapling Sapling	Stand was treated in 2014 as part of sale # "63-033-11", "Motivational Santa Oak". Cut all aspen and mark oak 30 - 40 BA.  Stand was treated in 2002 as part of sale # "63-086-01", "Skink Oak
78 Blace 79	4126 - White, E  Canopy Species  White Oak  ck/Red (Hybrid) Oak  4191 - Mixed Upla  Co  Canopy Species  Northern Pin Oak  White Pine  Black Cherry  6139 - Mixed	Black, N. Pin  Cover  20 80  and Deciduo  nifer  Cover  50 25 10  Lowland Fo	n Oak  Size Class Log/Pole Log/Pole  bus with  Size Class Sapling Log Sapling orest	Sawtimbo  DBH  10  12  Sapling N  DBH  3  14  3  Sawtimbo	Age 17 17 17 17 17 17 17 17 17 17 17 17 17	Sub-Cane Whith Service berrich Norther  26.0  14.8  Sub-Cane	ite Oak ry (Juneberry rn Pin Oak 17	S Density Low y) Low Medium Immature	N/A  Avg. Height  < 5 feet  < 5 feet  < 5 feet  N/A	Sapling Sapling Sapling	Stand was treated in 2014 as part of sale # "63-033-11", "Motivational Santa Oak". Cut all aspen and mark oak 30 - 40 BA.  Stand was treated in 2002 as part of sale # "63-086-01", "Skink Oak
78 Blace 79 N 80	4126 - White, E Canopy Species White Oak ck/Red (Hybrid) Oak  4191 - Mixed Upla Co Canopy Species Northern Pin Oak White Pine Black Cherry  6139 - Mixed Canopy Species	Residual Res	n Oak  Size Class  Log/Pole  Log/Pole  ous with  Size Class  Sapling  Log  Sapling  Sapling  Size Class  Sapling	Sawtimbo  DBH  10  12  Sapling N  DBH  3  14  3  Sawtimb  DBH	Age 17 17 17 17 17 17 17 17 17 17 17 17 17	Sub-Cane White Servicebers Norther  26.0	opy Species ite Oak rry (Juneberry rn Pin Oak  17  62  opy Species	S Density Low y) Low Medium Immature  141-170 S Density	N/A  Avg. Height  < 5 feet  < 5 feet  < 5 feet  N/A  N/A  Avg. Height	Sapling Sapling Sapling	Stand was treated in 2014 as part of sale # "63-033-11", "Motivational Santa Oak". Cut all aspen and mark oak 30 - 40 BA.  Stand was treated in 2002 as part of sale # "63-086-01", "Skink Oak
78 Blace 79 N 80	4126 - White, E Canopy Species White Oak ck/Red (Hybrid) Oak  4191 - Mixed Upla Co Canopy Species Northern Pin Oak White Pine Black Cherry  6139 - Mixed Canopy Species Quaking Aspen	Black, N. Pir  Cover 20 80  and Deciduo onifer  Cover 50 25 10  Lowland Fc  Cover 20	n Oak  Size Class Log/Pole Log/Pole  Dus with  Size Class Sapling Log Sapling  Orest  Size Class Pole/Log	Sawtimbo  DBH  10  12  Sapling M  DBH  3 14 3  Sawtimb  DBH  8	Age 17 17 17 17 17 17 17 17 17 17 17 17 17	Sub-Cane White Servicebers Norther  26.0	opy Species ite Oak rry (Juneberry rn Pin Oak  17  62  opy Species ng Aspen	S Density Low y) Low Medium  Immature  141-170 S Density Low	N/A  Avg. Height < 5 feet < 5 feet < 5 feet  N/A  N/A  Avg. Height 10 - 20 feet	Sapling Sapling Sapling Sapling	Stand was treated in 2014 as part of sale # "63-033-11", "Motivational Santa Oak". Cut all aspen and mark oak 30 - 40 BA.  Stand was treated in 2002 as part of sale # "63-086-01", "Skink Oak

**POLEYN** 



Stand	Level 4 Co	over Type	S	ize De	nsity	Acres Sta	nd Age B	A Range	Managed S	ite	General Comments	MICHIGAN
81	4125 - Blac	k, N. Pin C	Dak Sa	awtimb	er Well	14.3	93	51-80	N/A			
(	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy	y Species	Density	Avg. Height	Size		
	White Oak	15	Log	12		White F	Pine	Low	< 5 feet	Sapling		
Black	k/Red (Hybrid) Oak	58	Log/XLog	16	93	Black Ch	herry	Low	>20 feet	Sapling		
	Jack Pine	15	Log/Pole	10		Bigtooth A	Aspen	Medium	>20 feet	Sapling		
						Black/Red (Hy	ybrid) Oak	Medium	>20 feet	Pole		
						Red Ma	aple	Low	>20 feet	Sapling		
						White 0	Oak	Low	5 - 10 feet	Sapling		
						Black/Red (Hy	ybrid) Oak	Medium	5 - 10 feet	Sapling		
82	2113 - Fo	rage Crop	s	Nonst	ocked	4.0			No		wildlife opening	
83	4126 - White, B	Black, N. P	in Oak Sa		er Well	21.8	75 1	141-170	N/A			
-	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy	y Species	Density	Avg. Height	Size		
N.I.	lorthern Pin Oak	40	Log/Pole	13	75	White F	Pine	High	>20 feet	Pole		
IV	14/1 to D1	20	Log/XLog/Pole	14		Black Ch	herry	Low	5 - 10 feet	Sapling		
IN	White Pine		0 0									
IN	White Pine White Oak	40	Log/Pole	12		Witch H White (		Medium Low	5 - 10 feet < 5 feet	Tall Shrub Sapling		
	White Oak	40	Log/Pole		Mediur	White (	Oak	Low	< 5 feet			
84		40	Log/Pole Pine Sav	vtimbe	Mediur	White (	Oak 76					
84	White Oak 42200 - Natu	40	Log/Pole	vtimbe		White 0	76 y Species	Low 51-80	< 5 feet	Sapling		
84	White Oak  42200 - Natu  Canopy Species	40 ural White % Cover	Log/Pole Pine Sav	vtimbe	I Age	m 9.4 Sub-Canopy	76 y Species Pin Oak	Low 51-80 <b>Density</b>	< 5 feet  N/A  Avg. Height	Sapling Size Sapling		
84	White Oak  42200 - Natu  Canopy Species	40 ural White % Cover	Log/Pole Pine Sav	vtimbe	I Age	White 0 m 9.4 Sub-Canopy Northern P	76 y Species Pin Oak Pine	51-80  Density  Trace	< 5 feet  N/A  Avg. Height 10 - 20 feet	Sapling		
84	White Oak  42200 - Natu  Canopy Species  White Pine	40 ural White % Cover	Log/Pole Pine Sav - Size Class - Log/XLog	vtimbe	76	White 0  m 9.4  Sub-Canopy  Northern P  White F	76 y Species Pin Oak Pine	51-80  Density  Trace  Medium	< 5 feet  N/A  Avg. Height 10 - 20 feet < 5 feet	Size Sapling Sapling	wildlife opening	
84 86 87	White Oak  42200 - Natu  Canopy Species  White Pine  2113 - Fo	40  ural White  Cover 95  orage Crop  Oak, Pine	Log/Pole  Pine Sav  ** Size Class  Log/XLog  **Size Class  **Dog/XLog  **Policy Class  **Polic	DBH 14 Nonsto	76 76 pocked	White Common 9.4  Sub-Canopy Northern P White F Black Ch 3.3	76 y Species Pin Oak Pine herry	51-80  Density  Trace  Medium  Low	< 5 feet  N/A  Avg. Height  10 - 20 feet  < 5 feet  5 - 10 feet  No  N/A	Size Sapling Sapling Sapling		
84 86 87	White Oak  42200 - Natu  Canopy Species  White Pine  2113 - Fo  4122 - C  Canopy Species	ural White  **Cover* 95  prage Crop  Oak, Pine  **Cover*	Log/Pole  Pine Sav  Size Class  Log/XLog  S  Size Class	vtimbe  DBH  14  Nonsto	76 76 ocked	White Community Sub-Canopy Northern P White F Black Ch 3.3 3.9 Sub-Canopy	76 y Species Pin Oak Pine herry 42 1 y Species	51-80 Density Trace Medium Low	< 5 feet  N/A  Avg. Height  10 - 20 feet  < 5 feet  5 - 10 feet  No  N/A  Avg. Height	Sapling Size Sapling Sapling Sapling		
84 86 87	White Oak  42200 - Natu  Canopy Species  White Pine  2113 - Fo	40  ural White  Cover 95  orage Crop  Oak, Pine	Log/Pole  Pine Sav  ** Size Class  Log/XLog  **Size Class  **Dog/XLog  **Policy Class  **Polic	DBH 14 Nonsto	76 76 pocked	White Common 9.4  Sub-Canopy Northern P White F Black Ch 3.3	76 y Species Pin Oak Pine herry 42 1 y Species	51-80  Density  Trace  Medium  Low	< 5 feet  N/A  Avg. Height  10 - 20 feet  < 5 feet  5 - 10 feet  No  N/A  Avg. Height  10 - 20 feet	Sapling  Size Sapling Sapling Sapling Sapling		
84 86 87	White Oak  42200 - Natu  Canopy Species  White Pine  2113 - Fo  4122 - C  Canopy Species	ural White  **Cover* 95  prage Crop  Oak, Pine  **Cover*	Log/Pole  Pine Sav  Size Class  Log/XLog  S  Size Class	vtimbe  DBH  14  Nonsto	76 76 ocked	White Common 9.4  Sub-Canopy Northern P White F Black Ch  3.3  3.9  Sub-Canopy Northern P White F	76 y Species Pin Oak Pine therry  42 1 y Species Pin Oak Pine	51-80 Density Trace Medium Low	< 5 feet  N/A  Avg. Height  10 - 20 feet  < 5 feet  5 - 10 feet  No  N/A  Avg. Height  10 - 20 feet  10 - 20 feet	Sapling Size Sapling Sapling Sapling		
84 86 87	White Oak  42200 - Natu  Canopy Species  White Pine  2113 - Fo  4122 - C  Canopy Species  lorthern Pin Oak	yral White  Cover  95  Dak, Pine  Cover  65	Log/Pole  Pine Sav  Size Class  Log/XLog  S  Pole/Log	vtimbe  DBH  14  Nonsto	76 76 ocked	White Common 9.4  Sub-Canopy Northern P Black Ch  3.3  3.9  Sub-Canopy Northern P	76 y Species Pin Oak Pine therry  42 1 y Species Pin Oak Pine	51-80  Density  Trace  Medium  Low  111-140  Density  Medium	< 5 feet  N/A  Avg. Height  10 - 20 feet  < 5 feet  5 - 10 feet  No  N/A  Avg. Height  10 - 20 feet	Sapling  Size Sapling Sapling Sapling Sapling		
84 86 87 N	White Oak  42200 - Natu Canopy Species White Pine  2113 - Fo  4122 - C Canopy Species Iorthern Pin Oak White Pine Jack Pine  42100 - Plant	yral White  Cover 95  Prage Crop  Oak, Pine  Cover 65  25  10  ted White	Log/Pole  Pine Sav  Size Class Log/XLog  S  Pole Pole Pole Pole Pole Pole Pole Pol	Nonstandard Nonsta	ocked  rer Well  Age 42  er Well  er Well	White Common 9.4  Sub-Canopy Northern P White F Black Ch  3.3  3.9  Sub-Canopy Northern P White F Black Ch	Oak  76  y Species Pin Oak Pine herry  42  1 y Species Pin Oak Pine herry  41 42 42 41 43 44 45 46 46 46	51-80  Density  Trace  Medium  Low  111-140  Density  Medium  Medium	< 5 feet  N/A  Avg. Height  10 - 20 feet  < 5 feet  5 - 10 feet  No  N/A  Avg. Height  10 - 20 feet  10 - 20 feet  5 - 10 feet  N/A	Sapling  Size Sapling Sapling Sapling  Size Sapling Sapling		
84 86 87 N	White Oak  42200 - Natu Canopy Species White Pine  2113 - Fo  4122 - C Canopy Species Iorthern Pin Oak White Pine Jack Pine  42100 - Plant Canopy Species	ural White  Covery 95  Dak, Pine  Covery 65 25 10  ted White  Covery	Log/Pole  Pine Sav  Size Class  Log/XLog  S  Pole  Pole  Pole  Pole	Nonstandard Nonsta	ocked  rer Well  Age  42	White Common 9.4  Sub-Canopy Northern P White F Black Ch  3.3  3.9  Sub-Canopy Northern P White F Black Ch  16.6  Sub-Canopy	Oak 76 y Species Pin Oak Pine herry 42 1 y Species Pin Oak Pine herry 41 42 42 43 44 45 46 46 47 48 48 48 48 48 48 48 48 48 48 48 48 48	51-80  Density  Trace  Medium  Low  111-140  Density  Medium  Medium  Low	< 5 feet  N/A  Avg. Height  10 - 20 feet  < 5 feet  5 - 10 feet  No  N/A  Avg. Height  10 - 20 feet  10 - 20 feet  5 - 10 feet  N/A  Avg. Height  Avg. Height  N/A	Sapling  Size Sapling Sapling Sapling Size Sapling Sapling Sapling Sapling	wildlife opening	
84 86 87 N	White Oak  42200 - Natu Canopy Species White Pine  2113 - Fo  4122 - C Canopy Species Iorthern Pin Oak White Pine Jack Pine  42100 - Plant	yral White  Cover 95  Prage Crop  Oak, Pine  Cover 65  25  10  ted White	Log/Pole  Pine Sav  Size Class Log/XLog  S  Pole Pole Pole Pole Pole Pole Pole Pol	Nonstandard Nonsta	ocked  rer Well  Age 42  er Well  er Well	White Common 9.4  Sub-Canopy Northern P White F Black Ch  3.3  3.9  Sub-Canopy Northern P White F Black Ch	Oak 76 y Species Pin Oak Pine herry 42 1 y Species Pin Oak Pine herry 46 1 y Species Pin Oak	51-80  Density Trace Medium Low  111-140 Density Medium Medium Low	< 5 feet  N/A  Avg. Height  10 - 20 feet  < 5 feet  5 - 10 feet  No  N/A  Avg. Height  10 - 20 feet  10 - 20 feet  5 - 10 feet  N/A	Sapling  Size Sapling Sapling Sapling  Size Sapling Sapling Sapling Sapling	wildlife opening	



Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed \$	Site	General Comments
89	4310 - Pi	ne, Oak Mix	K	Sapling N	/ledium	23.0	11	Immature	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age						
1	Northern Pin Oak	50	Sapling	2	11						
	White Pine	28	Log/Pole	12							
	Jack Pine	15	Sapling	3							
91	4310 - Pi	ne, Oak Mix	K	Sawtimbe	er Well	25.8	78	111-140	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
١	Northern Pin Oak	35	Log/Pole	12		WI	nite Pine	Full	Variable	Pole	
	White Pine	40	Log	12	78			,			-
	Jack Pine	7	Log/Pole	10							
	Red Pine	10	Log	12							
	White Oak	8	Log/Pole	12							
92	42220 - Nat	ural Jack P	ine	Sawtimbe	er Well	29.0	55	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
1	Northern Pin Oak	55	Log/Pole	10	55	WI	nite Pine	Low	10 - 20 feet	Sapling	
	Jack Pine	35	Log/Pole	10		Re	d Maple	Medium	>20 feet	Sapling	
	Red Maple	10	Pole/Sapling	g 6		W	nite Oak	Low	10 - 20 feet	Sapling	
						Wit	ch Hazel	Low	5 - 10 feet	Tall Shrub	
93	42250 -	Pine, Oak		Sawtimbe	er Well	34.9	55	111-140	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Jack Pine	65	Log/Pole	10	55	North	ern Pin Oak	Medium	10 - 20 feet	Sapling	
1	Northern Pin Oak	35	Log/Pole	13		WI	nite Pine	Trace	10 - 20 feet	Sapling	
						Bla	ck Cherry	Low	10 - 20 feet	Sapling	
						W	nite Oak	Low	10 - 20 feet	Sapling	
						Ja	ck Pine	Low	10 - 20 feet	Sapling	
						Wit	ch Hazel	Trace	5 - 10 feet	Tall Shrub	
94	4191 - Mixed Upl	and Decidu	ous with	Sapling	Well	40.2	6	1-50	N/A		Stand was treated in 2013 with timber sale # "63-043-11-01", "Oakus Jackus".
	Canopy Species		Size Class	DBH	Age						
	Jack Pine	15	Log	10							
1	Northern Pin Oak	10	Log	12	70						
1	Northern Pin Oak	35	Sapling	1	6						
	Black Cherry	15	Sapling	1							
	Jack Pine	10	Sapling	1							
	White Oak	8	Sapling/Pole	e 4							



Stand	Level 4 C	over Type	Si	ize De		Acres	Stand Age		Managed S	ite	General Comments
95	4310 - Piı	ne, Oak Mi	x Sa	wtimb	er Wel	l 16.8	74	111-140	N/A		
C	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
Q	Quaking Aspen	15	Pole/Log	9		Wh	nite Pine	Medium	10 - 20 feet	Sapling	
No	orthern Pin Oak	30	Log/Pole	14		Northe	ern Pin Oak	Low	5 - 10 feet	Sapling	
	White Pine	40	Log/Pole	14	74	Wite	ch Hazel	Low	5 - 10 feet	Tall Shrub	
	Red Maple	10	Log/Pole	10		Re	d Maple	Low	10 - 20 feet	Sapling	
96	4125 - Blac	k, N. Pin C	Dak Sa	wtimb	er Wel	l 12.7	70	81-110	N/A		
C	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
No	orthern Pin Oak	75	Log/Pole/XLog	13	70	Northe	ern Pin Oak	Medium	10 - 20 feet	Sapling	
	Jack Pine	20	Pole/Log	8		Ja	ck Pine	Low	10 - 20 feet	Sapling	
						Blac	ck Cherry	Low	10 - 20 feet	Sapling	
						Wit	ch Hazel	Medium	< 5 feet	Tall Shrub	
						Wh	nite Pine	Trace	10 - 20 feet	Sapling	
								·			
97	4126 - White, E	Black, N. P	in Oak Sa	wtimb	er Wel	5.3	92	111-140	N/A		
	4126 - White, E		in Oak Sa		er Wel I <b>Age</b>		92 nopy Species		N/A Avg. Height	Size	
						Sub-Ca				<b>Size</b> Sapling	
	Canopy Species	% Cover	Size Class	DBF		Sub-Car Re	nopy Species	Density	Avg. Height		
C	Canopy Species Red Maple	% Cover	Size Class Log/Pole	<b>DB</b> F	I Age	Sub-Car Re	nopy Species d Maple	Density  Medium	Avg. Height 10 - 20 feet	Sapling	
C	Canopy Species  Red Maple  White Oak	% <b>Cover</b> 25 33	Size Class Log/Pole Log/Pole/XLog	12 14	I Age	Sub-Car Re	nopy Species d Maple	Density  Medium	Avg. Height 10 - 20 feet	Sapling	
C	Red Maple White Oak orthern Pin Oak White Pine	% Cover 25 33 28	Size Class Log/Pole Log/Pole/XLog Log/XLog/Pole Log/Pole/XLog	12 14 14	92	Sub-Car Re	nopy Species d Maple	Density  Medium	Avg. Height 10 - 20 feet	Sapling	Wildlife opening
No	Canopy Species Red Maple White Oak orthern Pin Oak White Pine  3102	% Cover 25 33 28 10 - Grass	Size Class Log/Pole Log/Pole/XLog Log/XLog/Pole Log/Pole/XLog	12 14 14 12 Nonsto	92	Sub-Car Re Wh	nopy Species d Maple	Density  Medium	Avg. Height 10 - 20 feet 10 - 20 feet	Sapling	Wildlife opening  Stand was treated in 2002 as part of sale # "63-087-01", "Ostrich Fern Mix".
99 100	Canopy Species Red Maple White Oak orthern Pin Oak White Pine  3102	% Cover	Size Class Log/Pole Log/Pole/XLog Log/XLog/Pole Log/Pole/XLog	DBH 12 14 14 12 Nonsto	92 Ocked	Sub-Car Re Wh	nopy Species d Maple nite Pine	Medium Full	Avg. Height 10 - 20 feet 10 - 20 feet No	Sapling	Stand was treated in 2002 as part of sale # "63-087-01", "Ostrich Fern
99 100	Canopy Species  Red Maple  White Oak orthern Pin Oak  White Pine  3102  6129 - Mixed Co	% Cover	Size Class Log/Pole Log/Pole/XLog Log/XLog/Pole Log/Pole/XLog	DBH 12 14 14 12 Nonsto	92 92 ocked	Sub-Car Re Wh	nopy Species d Maple nite Pine	Medium Full	Avg. Height 10 - 20 feet 10 - 20 feet No	Sapling	Stand was treated in 2002 as part of sale # "63-087-01", "Ostrich Fern
99 100	Canopy Species  Red Maple  White Oak  orthern Pin Oak  White Pine  3102  6129 - Mixed Co	% Cover 25 33 28 10 10 - Grass Coniferous Lorest % Cover	Size Class Log/Pole Log/Pole/XLog Log/XLog/Pole Log/Pole/XLog  owland Sa	DBH 12 14 14 12 Nonsto	92 92 ocked	Sub-Car Re Wh	nopy Species d Maple nite Pine	Medium Full	Avg. Height 10 - 20 feet 10 - 20 feet No	Sapling	Stand was treated in 2002 as part of sale # "63-087-01", "Ostrich Fern
99 100	Canopy Species  Red Maple  White Oak  orthern Pin Oak  White Pine  3102  6129 - Mixed Co  Fo  Canopy Species  Quaking Aspen	% Cover   25   33   28   10	Size Class Log/Pole Log/Pole/XLog Log/XLog/Pole Log/Pole/XLog  owland Sa  Size Class Log	DBH 12 14 14 12 Nonsto	92 92 ocked	Sub-Car Re Wh	nopy Species d Maple nite Pine	Medium Full	Avg. Height 10 - 20 feet 10 - 20 feet No	Sapling	Stand was treated in 2002 as part of sale # "63-087-01", "Ostrich Fern
99 100	Canopy Species Red Maple White Oak Orthern Pin Oak White Pine  3102  6129 - Mixed Co Fo Canopy Species Quaking Aspen White Pine Hemlock	% Cover 25 33 28 10 - Grass 20 25 25 25 25 25 25 25 25 25 25 25 25 25	Size Class Log/Pole Log/Pole/XLog Log/XLog/Pole Log/Pole/XLog  owland Sa Size Class Log XLog/Log Log	DBH 12 14 14 12 Nonsto	92 92 ocked	2.3	nopy Species d Maple nite Pine	Medium Full	Avg. Height 10 - 20 feet 10 - 20 feet No	Sapling	Stand was treated in 2002 as part of sale # "63-087-01", "Ostrich Fern
99 100 Q	Canopy Species Red Maple White Oak Orthern Pin Oak White Pine  3102  6129 - Mixed Co Fo Canopy Species Quaking Aspen White Pine Hemlock	% Cover   25   33   28   10	Size Class Log/Pole Log/Pole/XLog Log/XLog/Pole Log/Pole/XLog  owland Sa Size Class Log XLog/Log Log	DBH 12 14 12 Nonston 12 18 12 wwtimb	92 ocked er Wel	2.3 3.4	nopy Species d Maple nite Pine	Medium Full  81-110	Avg. Height 10 - 20 feet 10 - 20 feet No	Sapling	Stand was treated in 2002 as part of sale # "63-087-01", "Ostrich Fern
99 100 CQ	Canopy Species Red Maple White Oak orthern Pin Oak White Pine  3102  6129 - Mixed Co Fo  Canopy Species Quaking Aspen White Pine Hemlock	% Cover   25   33   28   10	Size Class Log/Pole Log/Pole/XLog Log/XLog/Pole Log/Pole/XLog  N  owland Sa  Size Class Log XLog/Log Log Sa	DBH 12 14 12 Nonston 12 18 12 wwtimb	92 ocked er Wel 104 er Wel 1 Age	2.3 3.4 5.5 Sub-Cai	nopy Species d Maple nite Pine  104	Medium Full  81-110	Avg. Height 10 - 20 feet 10 - 20 feet No N/A	Sapling Sapling	Stand was treated in 2002 as part of sale # "63-087-01", "Ostrich Fern
99 100	Canopy Species  Red Maple  White Oak  orthern Pin Oak  White Pine  3102  6129 - Mixed Co  Fo  Canopy Species  Quaking Aspen  White Pine  Hemlock  4122 - 6  Canopy Species	% Cover   25   33   28   10   10   - Grass   Cover   10   45   45   Cover   0   0   45   Cover   0   0   0   0   0   0   0   0   0	Size Class Log/Pole Log/Pole/XLog Log/XLog/Pole Log/Pole/XLog  owland Sa  Size Class Log XLog/Log Log Sa  Size Class	DBH 12 14 14 12 Nonsto  DBH 12 18 12 wtimb DBH DBH DBH	92 ocked er Wel 104 er Wel 1 Age	2.3  3.4  5.5  Sub-Cal	nopy Species d Maple nite Pine  104  74  nopy Species	81-110  51-80  Density  Medium  Full  81-110	Avg. Height  10 - 20 feet  10 - 20 feet  No  N/A  N/A  Avg. Height	Sapling Sapling	Stand was treated in 2002 as part of sale # "63-087-01", "Ostrich Fern
99 100	Canopy Species Red Maple White Oak Orthern Pin Oak White Pine  3102  6129 - Mixed Co Fo Canopy Species Quaking Aspen White Pine Hemlock  4122 - G Canopy Species Orthern Pin Oak	% Cover   25   33   28   10   - Grass   25   45   45   Cover   45   45   Cover   65   65   65   65   65   65   65   6	Size Class Log/Pole Log/Pole/XLog Log/XLog/Pole Log/Pole/XLog  owland Sa  Size Class Log XLog/Log Log Sa  Size Class Log Log	DBH 12 14 14 12 Nonsto  DBH 12 18 12 wwtimb 12 18 12	92 ocked er Wel 104 er Wel 1 Age	Sub-Cai Re Wr  2.3  3.4  5.5  Sub-Cai Black/Rec	nopy Species d Maple nite Pine  104  74  nopy Species ck Cherry	81-110  51-80  Density  Medium  Full  81-110	Avg. Height 10 - 20 feet 10 - 20 feet No N/A Avg. Height < 5 feet	Sapling Sapling Sapling	Stand was treated in 2002 as part of sale # "63-087-01", "Ostrich Fern

# Report 7 - Stands



Stand	d Level 4 Co	over Type		Size Density		Size Density		Acres	Stand Age E	BA Range	Managed S	Site
102	4310 - Pir	ne, Oak Mix	x	Poletimb	er Well	6.9	46	51-80	N/A			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	White Oak	15	Log	12		Wh	nite Pine	Low	< 5 feet	Sapling		
Blad	ck/Red (Hybrid) Oak	20	Log	14		Blac	k Cherry	Low	>20 feet	Sapling		
	White Pine	20	Log/Pole	10		Bigto	oth Aspen	Medium	>20 feet	Sapling		
	Jack Pine	35	Pole	8	46	Black/Red	d (Hybrid) Oak	Medium	>20 feet	Pole		
	Bigtooth Aspen	10	Pole/Log	8		Re	d Maple	Low	>20 feet	Sapling		
						Wh	nite Oak	Low	5 - 10 feet	Sapling		
						Black/Red	d (Hybrid) Oak	High	5 - 10 feet	Sapling		
						Ja	ck Pine	Low	5 - 10 feet	Sapling		