

## **Compartment Review Presentation**

**Newberry Forest Management Unit** 

Compartment42096Entry Year2023Acreage:1,790CountyLuce

Management Area: Danaher Kingston Outwash

Revision Date: 2021-12-29

Stand Examiner: Jennifer Burnham

## Legal Description:

T46N R12W Sections 5, 8 & 17

### **Identified Planning Goals:**

To maintain forest health, diversity and sustainability while considering wildlife, fisheries, recreation and environmental needs and concerns

### Soil and topography:

The compartment is predominately sandy outwash plains where the topography is level to slightly rolling. The southern end of the compartment drops of the sand plains into level lowland swamp.

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

The compartment is mostly state land excluding 120 acres that is privately owned. The compartment is completely surrounded by state land. The privately owned parcels within the compartment have seasonal cabins on them and are primarily used for recreation and hunting camps. The State land in this area has been historically managed for timber production as well as providing habitat for wildlife. It has also provided opportunities for recreational activities such as hunting, Spowmobiling, ORV riding, wildlife viewing, and herry picking.

recreational activities such as hunting, snowmobiling, ORV riding, wildlife viewing and berry picking.

### **Unique Natural Features:**

MNFI lists the potential for sharp-tailed grouse and grasshopper sparrow as well as some limited potential for Kirtand's warbler. Small potential for goshawk. Potential for incurvate emerald, ebony boghaunter, Frigga fritillary and Freija fritillary in bog habitat in south half of section 17. Potential for Hill's thistle and Canada rice-grass in dry grassy openings. MNFI also lists that the area west of section 5 and northwest of section 8 as being pine barrens.

## Archeological, Historical, and Cultural Features:

None listed.

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

This compartment is part of the Danaher Plains Kingston Outwash Plains management area. The northern portions of this compartment as well as adjacent areas to it have historically been managed by the DNR for sharp-tailed grouse habitat. This was accomplished through timber harvesting efforts as well as prescribed burning to maintain openings for the grouse. These items should be considered when making management recommendations

#### Watershed and Fisheries Considerations:

## Wildlife Habitat Considerations:

Compartment 96 lies in western Luce county in the Grand Marais Sandy End Moraine and Outwash ecological subsubsection and is situated in the Danaher Kingston Plains Management Area where sharptailed grouse, Kirtland's warbler, red crossbill, bluebird, spruce grouse and sandpiper are featured species. The compartment has a large opening in the northern portion that is managed for sharptail grouse, and otherwise consists of jack pine stands, upland mixed and mixed conifer and a small amount of red pine, aspen and lowland mixed conifer. Kirtland's warbler have been recorded immediately adjacent to this compartment in the past.

Wildlife objectives will be met by clearing the large opening to maintain it as a functional opening for sharptailed grouse (featured species). Species diversity will increase wildlife diversity and thus a variety of non jack pine species will be retained after final harvests such as aspen (for food sources for birds, snags for cavity nesting birds and mammals) and maple (for multi canopy layering for nesting birds) and oak for mast production for deer and squirrels. Scattered residual red and white pine will benefit red crossbills (featured species) and black bear

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

### Sections 5, 8, & 17, T46N-R12W, Luce County.

No known potential exists for commercial oil & gas production in this part of the state, and there is no known potential for metallic minerals in this area. The nearest active sand/gravel pit is five miles to the west. There may be some limited potential for sand & gravel within the compartment. No current mineral leasing activity exists in the area. The State does not own all 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:

There are several sand two tracks leading from County Road 421 that provide relatively good access into the compartment.

#### **Survey Needs:**

If timber harvest treatments occur, some survey corners will need to be established in Section 17 where they interface with the interior private land parcels within the compartment.

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

There are no recreational facilities within the compartment but the opportunities that exist would be hunting, ORV riding, wildlife viewing and berry picking.

#### **Fire Protection:**

This compartment has potential for large fire growth. Initial attack response for the compartment is covered by the Seney Field Office Protection Area. Most of the compartment is upland sandy soils which will allow good operability of heavy equipment.

#### Additional Compartment Information:

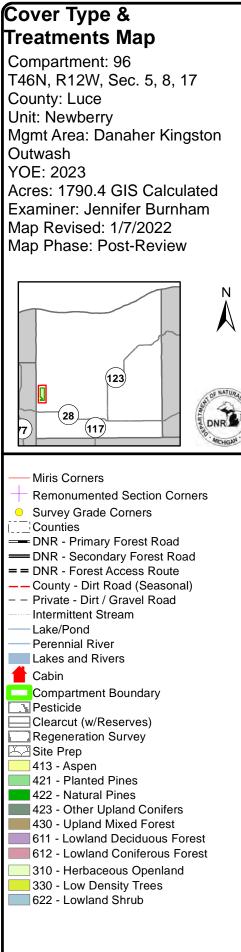
Budworm is present in the North part of the compartment for 2021 and is the first year of documentation. Area should continue to be monitored for mortality in the stands.

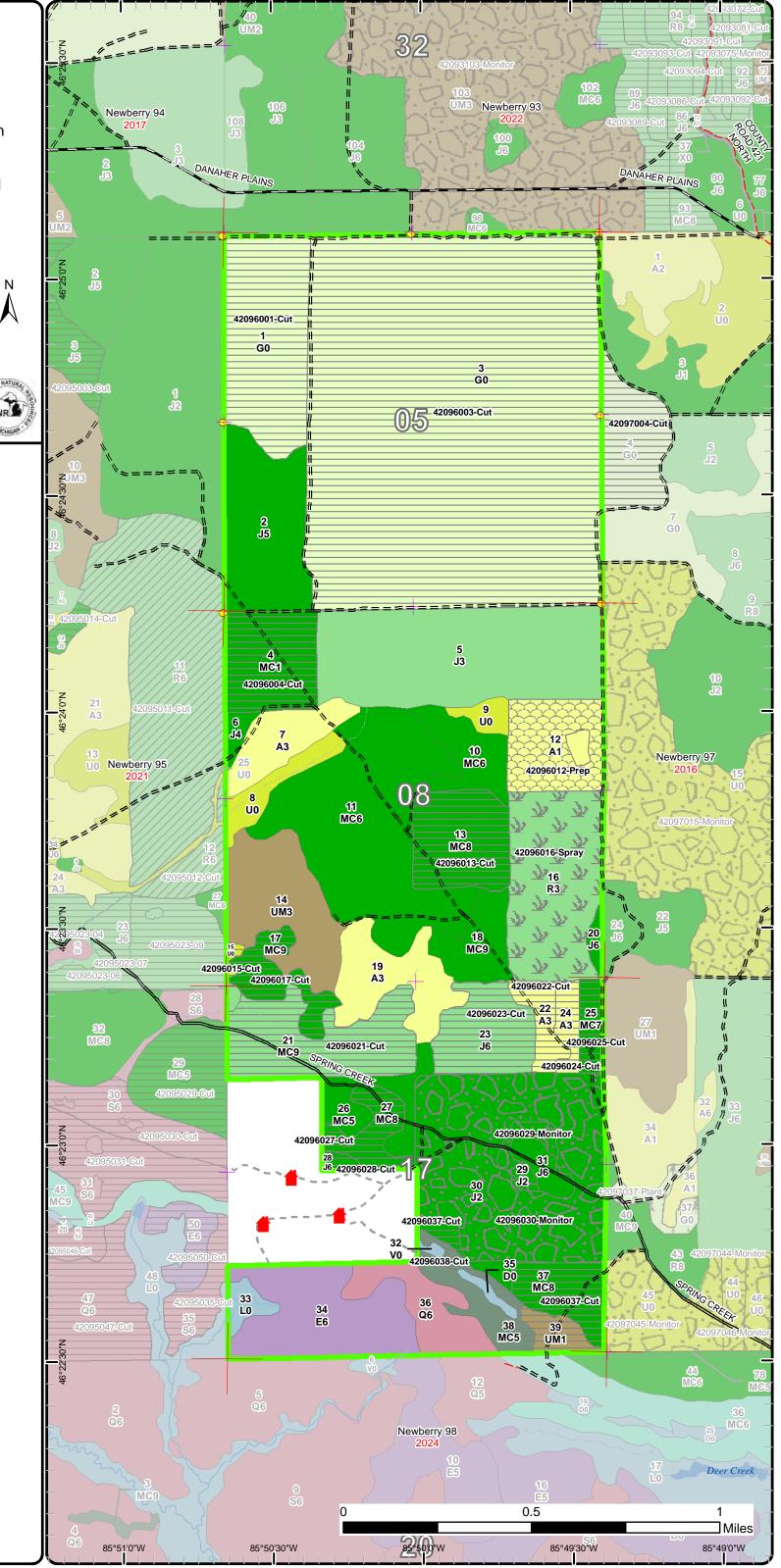
### The following reports from the Inventory are attached:

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

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

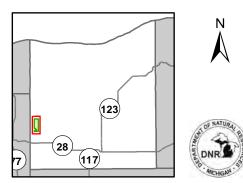
Details on the road access system



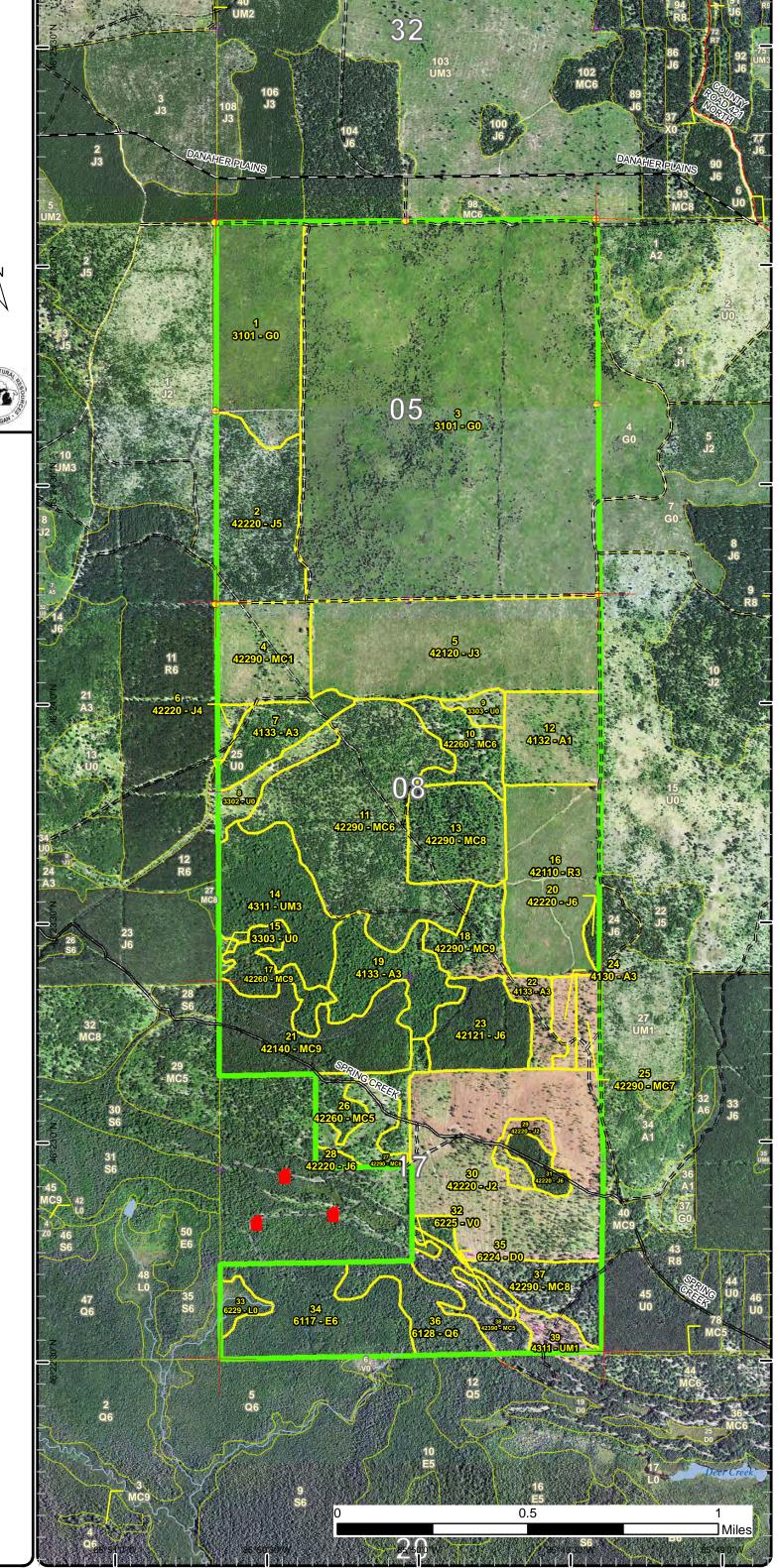


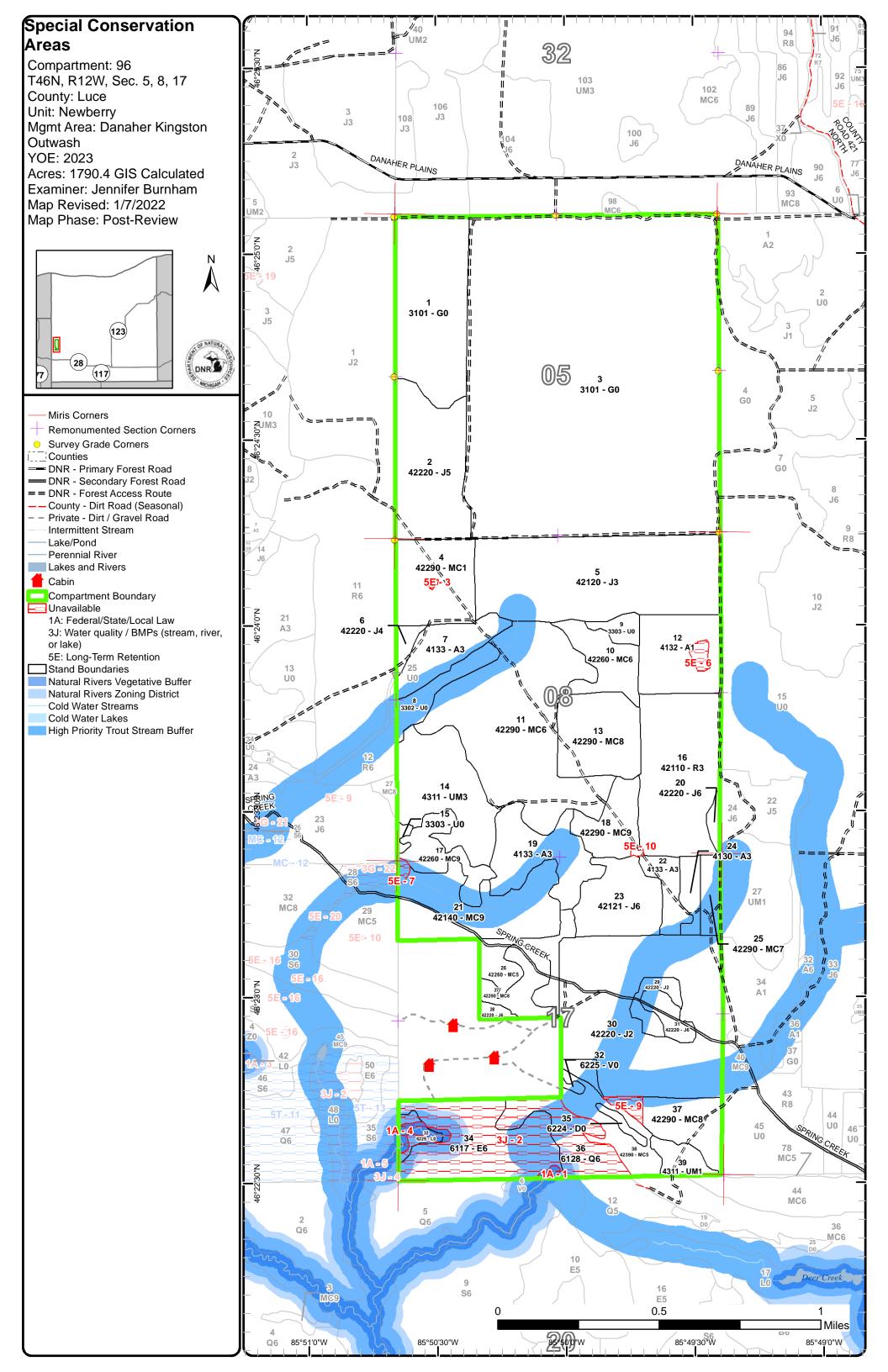
# Stand Boundary Map

Compartment: 96 T46N, R12W, Sec. 5, 8, 17 County: Luce Unit: Newberry Mgmt Area: Danaher Kingston Outwash YOE: 2023 Acres: 1790.4 GIS Calculated Examiner: Jennifer Burnham Map Revised: 1/7/2022 Map Phase: Post-Review



Miris Corners **Remonumented Section Corners**  ${}^{\circ}$ Survey Grade Corners Counties DNR - Primary Forest Road DNR - Secondary Forest Road = = DNR - Forest Access Route County - Dirt Road (Seasonal)
Private - Dirt / Gravel Road Intermittent Stream Lake/Pond Perennial River Lakes and Rivers Cabin Compartment Boundary 413 - Aspen 421 - Planted Pines 422 - Natural Pines 423 - Other Upland Conifers 430 - Upland Mixed Forest 611 - Lowland Deciduous Forest 612 - Lowland Coniferous Forest 310 - Herbaceous Openland 330 - Low Density Trees622 - Lowland Shrub





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

Newberry Mgt. Unit



Age Class

	NO	KOST C	87 x	82 - 42 - 42		3		3		\$ \$		8 . 19 <sup>2</sup>	B. Lan	Q. 1	\$ <sup>2</sup>	673 yr	No. No.	Joe Star	1000
Aspen	0	61	39	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	125
Bog	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Herbaceous Openland	575	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	575
Jack Pine	0	266	0	14	67	0	0	38	0	0	0	0	0	0	0	0	0	0	384
Low-Density Trees	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	28	0	0	0	0	0	0	0	28
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	63	0	0	0	0	0	0	0	63
Lowland Shrub	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Natural Mixed Pines	0	0	42	0	127	23	0	17	21	42	10	0	0	0	0	0	0	76	358
Planted Mixed Pines	0	0	0	0	0	0	0	61	0	0	0	0	0	0	0	0	0	0	60
Red Pine	0	0	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77
Treed Bog	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Upland Conifers	0	0	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0	22
Upland Mixed Forest	0	10	0	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65
Total	609	337	158	94	194	23	0	116	21	64	101	0	0	0	0	0	0	76	1791



Acres of Harvest

#### Compartment 96 Total Compartment Acres: 1,790

Commercial Harvest - 872 Harvests with Site Condition - 0 Next Step Harvest - 0 Habitat Cut - 0

## Cover Type by Harvest Method

			Constraint of the second secon	Contraction of the second	to of	Ball of the second	Chorney C	Nin O	Reputer 1	No. Contraction of the second	500 1.00	A. C.
Aspen		21	0	0	0	0	0	0	0	0	21	
Herbaceous Openland		575	0	0	0	0	0	0	0	0	575	
Jack Pine		38	0	0	0	0	0	0	0	0	38	
Low-Density Trees		2	0	0	0	0	0	0	0	0	2	
Natural Mixed Pines		159	0	0	0	0	0	0	0	0	159	
Planted Mixed Pines		59	0	0	0	0	0	0	0	0	59	
Upland Conifers		8	0	0	0	0	0	0	0	0	8	
Upland Mixed Forest		10	0	0	0	0	0	0	0	0	10	
	Total	872	0	0	0	0	0	0	0	0	872	

### Proposed and Next Step Treatments by Method

			Contraction (Contraction)	e de la companya de l	O O	O O	Outinio,	N. Califo	in the second second	No No	6 / X	, <sup>se</sup>
Current		872	37	0	0	0	77	143	0	0	1129	
Next Step		0	443	325	0	0	627	1027	0	0	2422	
	Total	872	480	325	0	0	704	1170	0	0	3551	

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

## Approved Treatments:

Grass, Cladonia       re         Prescription Treatments:       Final harvest removing all trees to maintain opening. Specs:         Next Step Treatments:       Monitoring, Natural Regen (Re-Inventory)         Acceptable Regen:       No regeneration is desired.         Other Comment:       Site Condition         Proposed Start Date:       10/1 / 2021         3 4209600-Cut       496.4       3101 - Poverty         Prescription Final harvest removing all trees to maintain opening.       re         Prescription Final harvest removing all trees to maintain opening.       No         Specs:       Nonitoring, Natural Regen (Re-Inventory)         Treatments:       No regeneration is desired.         Regen:       This prescription also includes stand 4 in compartment 97.         Comment:       This prescription also includes stand 4 in compartment 97.         Comment:       This prescription also includes stand 4 in compartment 97.         Comment:       Thit / 2021	roveu rreatments.						
Spess:       Nonitoring, Natural Regen (Re-Inventory)         Treatments:       Acceptable       No regeneration is desired.         Regan:       Othar       Comment:         Site Condition       Ecopased Start Date:       10/1 / 2021         3 42096003-Cut       496.4       3101 - Poverty       Nonstocked       Immatu         Prescription       Final harvest removing all trees to maintain opening.       Spess:       Spess:         Next Step       Monitoring, Natural Regen (Re-Inventory)       Treatments:       Spess:         Next Step       Monitoring, Natural Regen (Re-Inventory)       Treatments:       Spess:         Comment:       This prescription also includes stand 4 in compartment 97.       Spess:       Spess:         Othar       This prescription also includes stand 4 in compartment 97.       Spess:       Norder Start Date:       10/1 / 2021         4       42096004-Cut       41.0       4220 - Natural       Sapling       15       1-50       Harvest       Clearcut with 4211 - Planted       Even-Aged       No         Prescription       Harvest all species down to a 2" spec: except for patch in the middle. Leave any oak within the patch retention and non-red pine in the red Spess:       Ine. Trench and plant to red pine.       No         Next Step       Monitoring, Artificial Regen(fyr); Pesticide, Skidder			onstocked Im		Clearcut	211 - Cropland	No
Treatments:       Acceptable, No regeneration is desired.         Regen:       Other         Comment;       Site Condition         Proposed Start Date:       10/1 / 2021         3 42096003-Cut       496.4       3101 - Poverty Nonstocked Immatu Harvest Clearcut 211 - Cropland N Grass, Cladonia re         Prescription       Final harvest removing all trees to maintain opening.         Species:       Monitoring, Natural Regen (Re-Inventory)         Treatments:       Monitoring, Natural Regen (Re-Inventory)         Treatments:       This prescription also includes stand 4 in compartment 97.         Comment:       Site Condition         Proposed Start Date:       10/1 / 2021         4 42086004-Cut       41.0       42290 - Natural       Saping 15       1-50         Harvest       Clearcut with 4211 - Planted Even-Aged N       Mixed Pine       No         Proposed Start Date:       10/1 / 2021       Prescription       Harvest all species down to a 2" spec. except for patch in the middle. Leave any oak within the patch retention and non-red pine in the red States.       Inc. Trench and plant to red pine.         Next Step       Monitoring, Artificial Regen(1yr): Pesticide, Skidder - Site Prep: Pesticide, Aerial - Site Prep: Testicide, Skidder - Release; Pesticide, Aerial - Release; SitePrep, Tenching; Planting, Initial Plant; Planting, Initial Plant; SitePrep, T         Acceptable		ving all trees to main	tain opening.				
Regen:       Other         Comment:       Site Condition         Proposed Start Date:       10/1 / 2021         3 42096003-Cut       496.4       3101 - Poverty       Nonstocked       Immatu       Harvest       Clearcut       211 - Cropland       N         Prescription       Final harvest removing all trees to maintain opening.       Specs.       Nonstoring, Natural Regen (Re-Inventory)       No         Treatments:       Monitoring, Natural Regen (Re-Inventory)       No       Regen:       No         Other       This prescription also includes stand 4 in compartment 97.       Comment:       No         Site Condition       Proposed Start Date:       10/1 / 2021       No         4 42096004-Cut       41.0       42290 - Natural       Sapling       15       1-50       Harvest       Clearcut with       4211 - Planted       Even-Aged       N         Prescription       Harvest all species down to a 2" spec, except for patch in the middle. Leave any oak within the patch retention and non-red pine in the red Species       Initial Plant;       SitePrep; Pesticide, Skidder - SitePrep; Pesticide, Skidder - Release; Pesticide, Release; SitePrep, Trenching; Planting, Initial Plant; Planting, Initial Plant; SitePrep, T         Acceptable       Red pine       Spraying may be necessary.       Other       Spraying may be necessary.         Other		Regen (Re-Inventor	у)				
Other Comment:         Site Condition         Proposed Start Date:       10/1 / 2021         3 42096003-Cut       496.4       3101 - Poverty       Nonstocked       Immatu       Harvest       Clearcut       211 - Cropland       No         Prescription Specs:       Final harvest removing all trees to maintain opening.       Rescription       Final harvest removing all trees to maintain opening.         Next Step Comment:       Monitoring, Natural Regen (Re-Inventory)       Acceptable.       No regeneration is desired.         Regen:       This prescription also includes stand 4 in compartment 97.       Comment:       Comment:         Site Condition       Proor       Ret Proop       Ret Prine       No         Prescription       Harvest all species down to a 2" spec. except for patch in the middle. Leave any oak within the patch retention and non-red pine in the red Specs:       No         Next Step       Monitoring, Artificial Regen(1yr); Pesticide, Skidder - Site Prep; Pesticide, Skidder - Release; Pesticide, Regents; Aerial - Release; SitePrep, Trenching; Planting, Initial Plant; Planting, Initial Plant; SitePrep, T       Acceptable.         Next Step       Monitoring, Artificial Regen(1yr); Pesticide, Skidder - Site Prep; Pesticide, Skidder - Release; Pesticide, Regents; Planting, Initial Plant; Planting, Initial Plant; SitePrep, T         Acceptable.       Red pine       Spraying may be necessary.         Comment; <td></td> <td>desired.</td> <td></td> <td></td> <td></td> <td></td> <td></td>		desired.					
Proposed Start Date:       10/1 / 2021         3 42096003-Cut       496.4       3101 - Poverty       Nonstocked       Immatu       Harvest       Clearcut       211 - Cropland       N         Prescription Specs:       Final harvest removing all trees to maintain opening.       Specs:       No       Prescription       No         Next Step Specs:       Monitoring, Natural Regen (Re-Inventory)       The attentis:       No       Prescription also includes stand 4 in compartment 97.         Comment:       This prescription also includes stand 4 in compartment 97.       Site Condition       Proposed Start Date:       10/1 /2021         4 42096004-Cut       41.0       42290 - Natural       Sapling       15       1-50       Harvest       Clearcut with       4211 - Planted       Even-Aged       N         Prescription       Mixed Pine       Poor       Poor       Retention       Red Pine       N         Prescription       Harvest all species down to a 2" spec.       except for patch in the middle. Leave any oak within the patch retention and non-red pine in the red Specs:       Nontoring, Artificial Regen(1yr);       Pesticide, Skidder - Site Prep;       Pesticide, Aerial - Site Prep; Tenchang;       Planting, Initial Plant;       SitePrep, T         Acceptable       Red pine       Regen:       Site Condition       Site Condition       Site Condit	Other						
Proposed Start Date:       10/1 / 2021         3 42096003-Cut       496.4       3101 - Poverty Grass, Cladonia       Nonstocked re       Immatu Harvest       Clearcut       211 - Cropland       No         Prescription Treatments:       Final harvest removing all trees to maintain opening.       Specs:       Specs:       Nonitoring, Natural Regen (Re-Inventory)         Treatments:       Monitoring, Natural Regen (Re-Inventory)       Acceptable Regen:       No regeneration is desired.         Qther Comment:       This prescription also includes stand 4 in compartment 97.       Site Condition         Proposed Start Date:       10/1 /2021       1.50       Harvest       Clearcut with 4211 - Planted       Even-Aged       No         Prescription Specs:       Harvest all species down to a 2" spec.       except for patch in the middle. Leave any oak within the patch retention and non-red pine in the red prescription Mixed Pine       No         Prescription Specs:       Harvest all species down to a 2" spec.       Skidder - Site Prep; Pesticide, Aerial - Site Prep; Pesticide, Skidder - Release; Pesticide, Skidder - Release; SitePrep, Trenching; Planting, Initial Plant; Planting, Initial Plant; SitePrep, T         Acceptable Regen:       Other Spraying may be necessary.       Spraying may be necessary.         Other       Spraying may be necessary.       Spraying may be necessary.	Site Condition						
Grass, Cladonia       re         Prescription Specs:       Final harvest removing all trees to maintain opening.         Specs:       Monitoring, Natural Regen (Re-Inventory)         Treatments:       Monitoring, Natural Regen (Re-Inventory)         Acceptable Regen:       No regeneration is desired.         Other Comment:       This prescription also includes stand 4 in compartment 97.         Site Condition       Proposed Start Date:         Proposed Start Date:       10/1 /2021         4       42096-U-Cut       41.0       42290 - Natural         Mixed Pine       Poor       Retention       Red Pine         Prescription line. Trench and plant to red pine.       Nonitoring, Artificial Regen(1yr); Pesticide, Skidder - Site Prep; Pesticide, Aerial - Site Prep; Pesticide, Skidder - Release; Pesticide, Acceptable Regen:       Red pine         Next Step Regen:       Red pine       Site Prep; Pesticide, Aerial - Site Prep; Pesticide, Skidder - Release; Pesticide, SitePrep, Trenching; Planting, Initial Plant; Planting, Initial Plant; SitePrep, T         Acceptable Regen:       Red pine       Site Condition         Site Condition       Spraying may be necessary.       Site Condition		1					
Specs:       Next Step Treatments:       Monitoring, Natural Regen (Re-Inventory) Treatments:         Acceptable Regen:       No regeneration is desired.         Qther Comment:       This prescription also includes stand 4 in compartment 97.         Site Condition       Proposed Start Date: 10/1 /2021         4 42096004-Cut       41.0       42290 - Natural Mixed Pine       Sapling Poor       15       1-50       Harvest       Clearcut with Retention       4211 - Planted       Even-Aged       No         Prescription Brescription Brescription Larvest all species down to a 2" spec. except for patch in the middle. Leave any oak within the patch retention and non-red pine in the red line. Trench and plant to red pine.       No         Next Step Ineatments:       Monitoring, Artificial Regen(1yr); Pesticide, Skidder - Site Prep; Pesticide, Aerial - Site Prep; Pesticide, Skidder - Release; Pesticide, Aerial - Release; SitePrep, Trenching; Planting, Initial Plant; Planting, Initial Plant; SitePrep, T         Acceptable Regen:       Red pine Regen:         Other Regen:       Spraying may be necessary.         Omment:       Spraying may be necessary.			onstocked Im		Clearcut	211 - Cropland	N
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Comment:         Site Condition         Proposed Start Date:       10/1 /2021         4       42096004-Cut       41.0       42290 - Natural       Sapling       15       1-50       Harvest       Clearcut with       4211 - Planted       Even-Aged       N         Prescription       Harvest all species down to a 2" spec. except for patch in the middle. Leave any oak within the patch retention and non-red pine in the red       Specs:       Ine. Trench and plant to red pine.       N         Next Step       Monitoring, Artificial Regen(1yr);       Pesticide, Skidder - Site Prep;       Pesticide, Aerial - Site Prep;       Pesticide, Skidder - Release;       Pesticide, Skidder - Release;       Pesticide, Pesticide, Skidder - Release;       Pesticide, Perep, Testicide, Skidder - Release;       Pesticide, Step Prep, Testicide, Skidder - Release;       Pesticide, Skider - Release;       Pesticide, Ski		desired.					
Proposed Start Date:       10/1 /2021         4       42096004-Cut       41.0       42290 - Natural Sapling 15       1-50       Harvest Clearcut with 4211 - Planted Even-Aged Netention Red Pine       Netention       Red Pine       Netention       Red Pine       Netention       Red Pine       Netention       Netention       Red Pine       Netention       Netention       Red Pine       Netention       Netention       Red Pine       Netention       Netench       Netench <td></td> <td>so includes stand 4 i</td> <td>in compartment 97.</td> <td></td> <td></td> <td></td> <td></td>		so includes stand 4 i	in compartment 97.				
4       42096004-Cut       41.0       42290 - Natural Sapling 15       1-50       Harvest Clearcut with Red Pine       4211 - Planted Even-Aged Netention       Netention         Prescription Specs:       Harvest all species down to a 2" spec. except for patch in the middle. Leave any oak within the patch retention and non-red pine in the red line. Trench and plant to red pine.         Next Step Treatments:       Monitoring, Artificial Regen(1yr); Pesticide, Skidder - Site Prep; Pesticide, Aerial - Site Prep; Pesticide, Skidder - Release; Pesticide, Aerial - Release; SitePrep, Trenching; Planting, Initial Plant; Planting, Initial Plant; SitePrep, T         Acceptable Regen:       Other       Spraying may be necessary.         Other       Spraying may be necessary.	Site Condition						
Mixed Pine       Poor       Retention       Red Pine         Prescription Specs:       Harvest all species down to a 2" spec. except for patch in the middle. Leave any oak within the patch retention and non-red pine in the red line. Trench and plant to red pine.         Next Step Treatments:       Monitoring, Artificial Regen(1yr); Pesticide, Skidder - Site Prep; Pesticide, Aerial - Site Prep; Pesticide, Skidder - Release; Pesticide, Aerial - Release; SitePrep, Trenching; Planting, Initial Plant; Planting, Initial Plant; SitePrep, T         Acceptable Regen:       Red pine         Other Comment:       Spraying may be necessary.         Site Condition	Proposed Start Date: 10/1 /2027	1					
Specs:       line. Trench and plant to red pine.         Next Step Treatments:       Monitoring, Artificial Regen(1yr); Pesticide, Skidder - Site Prep; Pesticide, Aerial - Site Prep; Pesticide, Skidder - Release; Pesticide, Aerial - Release; SitePrep, Trenching; Planting, Initial Plant; Planting, Initial Plant; SitePrep, T         Acceptable Regen:       Red pine         Other Comment:       Spraying may be necessary.         Site Condition	<b>4 42096004-Cut</b> 41.0 4		1 0	I-50 Harvest			Even-Aged No
Treatments:       Aerial - Release; SitePrep, Trenching; Planting, Initial Plant; Planting, Initial Plant; SitePrep, T         Acceptable Regen:       Red pine         Other       Spraying may be necessary.         Comment:       Site Condition			except for patch in t	the middle. Leave	any oak within the pa	atch retention and no	on-red pine in the red
Regen:       Other Comment:       Site Condition	<u>Next Step</u> Monitoring, Artificia <u>Treatments:</u> Aerial - Release; S	I Regen(1yr); Pestic SitePrep, Trenching;	cide, Skidder - Site Planting, Initial Pl	Prep; Pesticide, lant; Planting, Ini	Aerial - Site Prep;   f tial Plant;   SitePrep,	Pesticide, Skidder - T	Release; Pesticide,
Comment: Site Condition							
		ecessary.					
Proposed Start Date: 10/1 /2022	Site Condition						
	Proposed Start Date: 10/1 /2022	2					

S t		Newberry	/ Mgt. Unit		Repo	rt 3 1	Freatments		Compartmer Year of Entr		DNR C
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
12	42096012- Prep	36.7 4	132 - Aspen, Jack Pine	Sapling Poor	7	1-50	SitePrep	Roller Chopping	4222 - Natural Jack Pine	Even-Aged	No
	cription Rolle	er chop area	except for big knob	on East si	de. Trer	nch and pl	ant jack pine.				
<u>Spec</u> Next		ting, Initial Pl	ant; Monitoring, Ar	tificial Red	pen(1vr)	: SitePre	p. Trenching				
	tments:				<b>y</b> (- <b>y</b> -)	,	r,g				
Acce Rege	e <u>ptable</u> Jack en:	pine									
<u>Othe</u> Com	<u>r</u> Spra ment:	ying may be	necessary.								
	<u>Condition</u>										
<u>Prop</u>	osed Start Da	<u>te:</u> 10/1 /20	22								
13	42096013-C	ut 41.5	42290 - Natural Mixed Pine	Sawtimbe Medium		81-110	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
Pres Spec		harvest, cut in boundary	all species down to			plant to re	d pine. Leave a			d leave oak an	d non-red
	<u>Step</u> Sitel tments: Reg		ng; Monitoring, Art	tificial Reg	en(1yr);	Pesticid	e, Aerial - Rele	ase; Pesticide, Sk	idder - Release;	Monitoring, A	rtificial
<u>Acce</u> Rege	•	pine. Specie	s other than red pine	e should n	nake up	less than	10 BA of total B	BA.			
Othe		ecommendir	ng scarification due	to the failu	ires of o	ther stand	s in this compa	rtment from 2013.			
Site (	<u>Condition</u>										
<u>Prop</u>	osed Start Da	<u>ite:</u> 10/1 /20	22								
15	42096015-C	ut 1.8	3303 - Mixed Low Density Trees	Nonstock	ed	Unspec ified	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
<u>Pres</u> Spec		harvest dow	n to a 2" DBH, leav	ing any oa	ık that is	s present.	Place residual l	eave trees of other	represented spec	cies in the red	line.
	<u>Step</u> Sitel tments:	Prep, Trenchi	ng; Planting, Initia	l Plant; P	esticide	e, Aerial - S	Site Prep; Mon	itoring, Artificial Re	gen(1yr)		
<u>Acce</u> <u>Reg</u> e	e <u>ptable</u> Red en:	pine									
<u>Othe</u> <u>Com</u>	<u>r</u> ment:										
	<u>Condition</u>										
<u>Prop</u>	osed Start Da										
16	42096016- Spray	76.7	42110 - Planted Red Pine	Sapling Well	10	Immatu re	Pesticide	ERROR	4211 - Planted Red Pine	Even-Aged	No
Pres Spec		ase spray an	d monitor in 3 years	S.							
	<u>Step</u> Mon tments:	toring, Artific	ial Regen(3yr)								
<u>Acce</u> <u>Reg</u> e	eptable_ en:										
<u>Othe</u> <u>Com</u>	<u>r</u> ment:										
<u>Site</u>	Condition										
<u>Prop</u>	osed Start Da	<u>ite:</u> 10/1 /20	21								

S t

	Compartmen Year of Entry		OF NATURAL PRESOURCES
nt I	Cover Type Objective	Age Structure	Habitat Cut
with on	4211 - Planted Red Pine	Even-Aged	No
line. L	eave any oak with.	in the patch r	etention.
ial Re	egen(1yr)		

	Nam		Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habi Cu
17 4	209601	I7-Cut	20.9	42260 - Natural Pine, Mixed Deciduous	Sawtimbe Well	er 71	81-110	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	N
Prescri Specs:		Final ha	rvest dow	vn to a 2" DBH. Pla	ce residual	leave tr	ees of rep	presented speci	ies in the red line. L	₋eave any oak with	in the patch re	tention
<u>Next S</u> <u>Treatm</u>	<u>nents:</u>		-	ing; Pesticide, Ae	rial - Site P	rep; Pl	anting, Ini	tial Plant; Mon	hitoring, Artificial Re	egen(1yr)		
Accept Regen Other	<u>ı:</u>	Red pine		erred on the north s	ido bocous	o stand	21 is also	boing bonyosto	and enround			
<u>Comm</u>		Retentio	ii is piele		ide becaus	e stanu		being haiveste	eu anu sprayeu.			
	onditior	-										
Propos	sed Sta	rt Date:	10/1 /20	)22								
		21-Cut		42140 - Planted Mixed Pine	Sawtimbe Well		81-110	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	N
Prescri Specs:				vn to a 2" DBH, Re on-pine in the red l		pecies	n the sou	th boundary line	e to include leaving	oak and leave oal	k within the ret	ention
<u>Next S</u> Treatm		SitePrep	, Trench	ing; Planting, Initia	al Plant; N	lonitorin	g, Artificia	ll Regen(1yr);	Pesticide, Skidder	- Release; Pestic	ide, Aerial - Ro	elease
Accept Regen		Red pine	e									
Other Comm	_											
Site Co												
		-	10/1 /20	122								
	209602		12.5	4133 - Aspen,	Sapling	6	1-50	Harvest	Clearcut	4212 - Planted	Even-Aged	
									orodrodt			Ν
Prescri Specs:		Harvest		Mixed Pine es down to a 2" spe	Well ec. except fo	or oak o	n the bou	ndary. Trench a		Jack Pine		ľ
<u>Specs:</u> <u>Next S</u>		; ; Site	all specie	Mixed Pine	ec. except fo				and plant to jack pir	Jack Pine ne. Leave all oak.	Ĵ	
<u>Specs:</u> <u>Next S</u> <u>Treatm</u>	<u>itep</u> nents: table	; ; Site	all specie Prep, Tr	Mixed Pine es down to a 2" spe	ec. except fo				and plant to jack pir	Jack Pine ne. Leave all oak.	Ĵ	
Specs: Next S Treatm Accept	<u>tep</u> nents: table	; ; Site Prep Jack pin	all specie ePrep, Tr e	Mixed Pine es down to a 2" spe	ec. except fo	Regen	(1yr); Pla	anting, Initial Pla	and plant to jack pir ant; SitePrep, Rol	Jack Pine ne. Leave all oak. ler Chopping; Pe	sticide, Skidde	r - Site
Specs: Next S Treatm Accept Regen Other Comm	<u>tep</u> nents: table	; ; Site Prep Jack pin Retentio	all specie ePrep, Tr e	Mixed Pine es down to a 2" spe renching; Monitori	ec. except fo	Regen	(1yr); Pla	anting, Initial Pla	and plant to jack pir ant; SitePrep, Rol	Jack Pine ne. Leave all oak. ler Chopping; Pe	sticide, Skidde	r - Site
Specs: Next S Treatm Accept Regen Other Comm Site Co	table table table table table	; ; Site Prep Jack pin Retentio	all specie ePrep, Tr e	Mixed Pine es down to a 2" spe renching; Monitori ed will be considere	ec. except fo	Regen	(1yr); Pla	anting, Initial Pla	and plant to jack pir ant; SitePrep, Rol	Jack Pine ne. Leave all oak. ler Chopping; Pe	sticide, Skidde	r - Site
Specs: Next S Treatm Accept Regen Other Comm Site Co Propos	table table ient: ondition	; ; Site Prep Jack pin Retentio	all specie ePrep, Tr e n if need 10/1 /20	Mixed Pine es down to a 2" spe renching; Monitori ed will be considere	ec. except fo	Regen area of	(1yr); Pla	anting, Initial Pla	and plant to jack pir ant; SitePrep, Rol	Jack Pine ne. Leave all oak. ler Chopping; Pe	sticide, Skidde	r - Site
Specs: Next S Treatm Accept Regen Other Comm Site Cc Propos 23 4	itep nents: table ient: ondition sed Sta s209602	; ; Site Prep Jack pin Retentio <u>t</u> <u>rt Date:</u> <b>23-Cut</b> Harvest	all specie ePrep, Tr e n if need 10/1 /20 35.3 all specie	Mixed Pine es down to a 2" spe renching; Monitori led will be consider 022 42121 - Planted Jack Pine, Mixed	ec. except fo ng, Artificial ed the NW Poletimbe Well	Regen area of er 62	(1yr); Pla stand 22 t 51-80	anting, Initial Pla hat was added Harvest	and plant to jack pir ant; SitePrep, Rol into stand 18 due f	Jack Pine ne. Leave all oak. ler Chopping; Per to high BA of resid to high PA of resid 4212 - Planted Jack Pine	sticide, Skidde ual and conifer Even-Aged	r - Site  N
Specs: Next S Treatm Accept Regen Other Comm Site Co Propos 23 4 Prescri Specs: Next S	itable table table ient: onditior sed Sta 209602	; ; Site Prep Jack pin Retentio <u>t</u> <u>t Date:</u> 23-Cut Harvest replant t	all specie Prep, Tr e n if need 10/1 /20 35.3 all specie o JP. Lea	Mixed Pine es down to a 2" spe renching; Monitoria led will be consider 022 42121 - Planted Jack Pine, Mixed Deciduous es down to a 2" spe	ec. except for ng, Artificial ed the NW Poletimbe Well ec. except for	Regen area of er 62 or oak o	(1yr); Pla stand 22 t 51-80 n the bou	hat was added Harvest	and plant to jack pir ant; SitePrep, Rol into stand 18 due to Clearcut and plant to jack pir	Jack Pine ne. Leave all oak. ler Chopping; Per to high BA of resid 4212 - Planted Jack Pine ne. Herbicide if nec	sticide, Skidde ual and conifer Even-Aged	r - Site  n, and
Specs: Next S Treatm Accept Regen Other Comm Site Co Propos 23 4 Prescri Specs: Next S Treatm Accept	itep nents: table nent: ondition sed Sta 209602 iption ients: table	; ; Site Prep Jack pin Retentio <u>t</u> <u>t Date:</u> 23-Cut Harvest replant t	all specie Prep, Tr e n if need 10/1 /20 35.3 all specie o JP. Lea o, Trench	Mixed Pine es down to a 2" spe renching; Monitoria led will be consider 222 42121 - Planted Jack Pine, Mixed Deciduous es down to a 2" spe ave all oak.	ec. except for ng, Artificial ed the NW Poletimbe Well ec. except for	Regen area of er 62 or oak o	(1yr); Pla stand 22 t 51-80 n the bou	hat was added Harvest	and plant to jack pir ant; SitePrep, Rol into stand 18 due to Clearcut and plant to jack pir	Jack Pine ne. Leave all oak. ler Chopping; Per to high BA of resid 4212 - Planted Jack Pine ne. Herbicide if nec	sticide, Skidde ual and conifer Even-Aged	r - Site  n, and
Specs: Next S Treatm Accept Regen Other Comm Site Co Propos 23 4 Prescri Specs: Next S Treatm Accept Regen Other Other Comm	itable table table tent: ondition sed Sta 209602 iption iption itable	; ; Site Prep Jack pin Retentio <u>t Date:</u> 23-Cut Harvest replant t SitePrep	all specie Prep, Tr e n if need 10/1 /20 35.3 all specie o JP. Lea o, Trench	Mixed Pine es down to a 2" spe renching; Monitoria led will be consider 222 42121 - Planted Jack Pine, Mixed Deciduous es down to a 2" spe ave all oak.	ec. except for ng, Artificial ed the NW Poletimbe Well ec. except for	Regen area of er 62 or oak o	(1yr); Pla stand 22 t 51-80 n the bou	hat was added Harvest	and plant to jack pir ant; SitePrep, Rol into stand 18 due to Clearcut and plant to jack pir	Jack Pine ne. Leave all oak. ler Chopping; Per to high BA of resid 4212 - Planted Jack Pine ne. Herbicide if nec	sticide, Skidde ual and conifer Even-Aged	r - Site  N
Specs: Next S Treatm Accept Regen Other Comm Site Cc Propos 23 4 Prescri Specs: Next S Treatm Accept Regen	itep nents: table nent: ondition sed Sta iption iption ients: table	; ; Site Prep Jack pin Retentio <u>t</u> <u>t Date:</u> 23-Cut Harvest replant t SitePrep Jack pin	all specie Prep, Tr e n if need 10/1 /20 35.3 all specie o JP. Lea o, Trench	Mixed Pine es down to a 2" spe renching; Monitoria led will be consider 222 42121 - Planted Jack Pine, Mixed Deciduous es down to a 2" spe ave all oak.	ec. except for ng, Artificial ed the NW Poletimbe Well ec. except for	Regen area of er 62 or oak o	(1yr); Pla stand 22 t 51-80 n the bou	hat was added Harvest	and plant to jack pir ant; SitePrep, Rol into stand 18 due to Clearcut and plant to jack pir	Jack Pine ne. Leave all oak. ler Chopping; Per to high BA of resid 4212 - Planted Jack Pine ne. Herbicide if nec	sticide, Skidde ual and conifer Even-Aged	r - Site  N

S t		Newberry	Mgt. Unit		Repo	rt3 1	<b>Freatments</b>		Compartmer Year of Entr		DNR DNR
a n Treatr d Nar		Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
24 420960	24-Cut	8.9	4130 - Aspen	Sapling Well	6	1-50	Harvest	Clearcut	4212 - Planted Jack Pine	Even-Aged	No
Prescription Specs:	Harves	t all specie	s down to a 2" spe		or oak o	n the bou	ndary. Trench a	nd plant to jack pi			
<u>Next Step</u> <u>Treatments:</u>	SitePre	p, Trenchir	ng; Monitoring, Ai	rtificial Reg	en(1yr);	Planting	, Initial Plant;	SitePrep, Roller C	hopping; ; Pesti	cide, Skidder	- Site Prep
<u>Acceptable</u> <u>Regen:</u>	Jack pi	ne									
<u>Other</u> <u>Comment:</u>	Retenti	on if neede	d will be considere	ed the NW	area of	stand 22 t	hat was added	into stand 18 due	to high BA of resic	lual and conife	er.
Site Conditio	<u>n</u>										
Proposed St	art Date:	10/1 /202	22								
25 420960	25-Cut	9.8	42290 - Natural Mixed Pine	Sawtimbe Poor	er 90	1-50	Harvest	Clearcut	4212 - Planted Jack Pine	Even-Aged	No
Prescription Specs:	Harves	all specie	s down to a 2" spe	c. except f	or oak o	n the bou	ndary. Trench a	nd plant to jack pi	ne. Leave all oak.		
<u>Next Step</u> <u>Treatments:</u>		tePrep, Tre	nching; Planting,	, Initial Plar	nt; Mon	nitoring, Ar	tificial Regen(1	yr); SitePrep, Rol	ler Chopping; Pe	sticide, Skidd	er - Site
<u>Acceptable</u> <u>Regen:</u>	Jack pi	ne.									
<u>Other</u> <u>Comment:</u>	Retenti	on if neede	d will be considere	ed the NW	area of	stand 22 t	hat was added	into stand 18 due	to high BA of resic	lual and conife	er.
Site Conditio	n										
Proposed St	art Date:	. 10/1 /202	22								
27 420960	)27-Cut	17.3	42290 - Natural Mixed Pine	Sawtimbe Medium		1-50	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
Prescription Specs:			n to a 2" DBH, Lea es – no more than		ong the	west and	south boundary	/. Leave retention	oocket with diverse	e species. Ret	ention
<u>Next Step</u> <u>Treatments:</u>	SitePre	p, Trenchir	ng; Planting, Initia	al Plant; N	lonitorin	g, Artificia	l Regen(1yr);	Pesticide, Skidder	- Release		
<u>Acceptable</u> <u>Regen:</u>	Red pir	e									
<u>Other</u> <u>Comment:</u>	Retenti	on for stan	ds 27, 27, and 28	will be in th	e area t	oetween s	tands 21 and 23	3.			
Site Conditio	'n										
Proposed St	art Date:	10/1 /202	22								
28 420960	)28-Cut	2.9	42220 - Natural Jack Pine	Poletimbe Well	er 60	51-80	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
Prescription Specs:			n to a 2" DBH, Lea es – no more than		ong the	west and	south boundary	/. Leave retention	oocket with diverse	e species. Ret	ention
<u>Next Step</u> Treatments:	SitePre	p, Trenchir	ng; Planting, Initia	al Plant; N	lonitorin	ıg, Artificia	l Regen(1yr);	Pesticide, Skidder	- Release		
<u>Acceptable</u> <u>Regen:</u>	Red pir	e									
<u>Other</u> <u>Comment:</u>	Retenti	on for stan	ds 27, 27, and 28	will be in th	e area t	oetween s	tands 21 and 23	3.			
Site Conditio	n										
Proposed St	art Date:	10/1 /202	22								

S t			Newberr	y Mgt. Unit		Repo	rt3 <sup>-</sup>	Freatments		Compartmen Year of Entry		DNR DNR
a n d	Treatme Name		Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
29	420960 Monit		8.5	42220 - Natural Jack Pine	Sapling Medium	7	1-50	Monitoring	Artificial Regen(3yr)	4222 - Natural Jack Pine	Even-Aged	No
Preso Spec	cription N s:	<i>l</i> onitor	in 2024									
<u>Next</u> <u>Treat</u>	<u>Step</u> tments:											
<u>Acce</u> <u>Rege</u>	p <u>table</u> J en:	ack pir	ne									
	<u>ment:</u> r			icre are borderline. ked stand.	If more JP	have no	ot seeded	in from the scari	fication in three ye	ars other treatme	nts will be ne	eded to
	<u>Condition</u> osed Star	t Date:	10/1 /20	)21								
30	420960 Monit	30-	134.3	42220 - Natural Jack Pine	Sapling Medium	7	1-50	Monitoring	Artificial Regen(3yr)	4212 - Planted Jack Pine	Even-Aged	No
Preso Spec	cription N		in 2024.									
<u>Next</u> Treat	<u>Step</u> tments:											
<u>Acce</u> <u>Rege</u>	ptable_ J en:	ack pir	ie									
<u>Other</u> Comr				cre are borderline. ked stand.	If more JP	have no	ot seeded	in from the scari	fication in three ye	ears other treatme	nts will be nee	eded to
<u>Site (</u>	<u>Condition</u>											
Propo	osed Star	t Date:	10/1 /20	)21								
37	4209603	7-Cut	28.4	42290 - Natural Mixed Pine	Sawtimbe Medium		51-80	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
<u>Preso</u> Spec				es down to a 2" spe ntion for wildlife ber		or oak o	n the bou	ndary. Trench ai	nd plant to red pine	e. Purchased land	portion of sta	and is
				- Site Prep; Pestic iting, Initial Plant; ;					Site Prep; Pesticio	le, Skidder - Relea	ase; SitePre	p,
<u>Acce</u> Rege	p <u>table</u> F	Red pin	е									
<u>Other</u>		arge re	etention p	ocket is between th	ie two secti	ons of t	he harves	t.				
<u>Site (</u>	<u>Condition</u>											
Prop	osed Star	t Date:	10/1 /20	)22								
38	4209603	8-Cut	8.2	42390 - Mixed Non- Pine Upland Conifers	· Poletimbe Medium		51-80	Harvest	Clearcut with Retention	429 - Mixed Upland Conifers	Even-Aged	No
Preso Spec		inal ha	irvest dov	vn to a 2" DBH, lea	ving all her	nlock, c	edar, and	white pine over	18" DBH. Avoid w	et, soft ground to	prevent ruttin	g.
	<u>Step</u> M tments:	<i>l</i> onitori	ing, Natu	ral Regen (Re-Inver	ntory)							
<u>Acce</u> <u>Rege</u>		Species	that are	currently present.								
<u>Other</u> Comr	<u>r</u> ment:											
	<u>Condition</u>											
Drong	osed Star	t Date:	10/1 /20	)22								

a <sub>N</sub> Treatment Acres Stand Size Stand BA Treatment Treatment Cover Type d Name CoverType Density Age Range Type Method Objective	Age Habi
	Structure Cu
3942096039-Cut9.74311 - Pine, Aspen MixSapling Poor71-50HarvestClearcut with Retention4211 - Planted RetentionMixPoorPoorRetentionRetentionRetention	Even-Aged N
Prescription Harvest all species down to a 2" spec. except for oak on the boundary. Leave any oak within the patch retention and Specs: line. Trench and plant to to red pine.	non-red pine in the re
<u>Next Step</u> SitePrep, Trenching; Planting, Initial Plant; Pesticide, Aerial - Release; Monitoring, Artificial Regen(1yr); Pesticide, Treatments: Pesticide, Aerial - Site Prep; Pesticide, Skidder - Site Prep; SitePrep, Roller Chopping	de, Skidder - Release;
Acceptable Red pine Regen:	
Other Comment:	
Site Condition Proposed Start Date: 10/1 /2022	
4 42097004-Cut 37.6 3101 - Poverty Nonstocked Unspec Harvest Clearcut 211 - Cropland Grass, Cladonia ified	Ν
<u>Prescription</u> Final harvest and leave no retention to maintain opening. <u>Specs:</u>	
Next Step_ Monitoring, Natural Regen (Re-Inventory) Treatments:	
<u>Acceptable</u> No regeneration is desired to maintain opening. <u>Regen:</u>	
Other Comment:	
Site Condition	
Proposed Start Date: 10/1 /2021	

Total Treatment 1166.2 Acreage Proposed:

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#### Jennifer Burnham : Examiner

Compartment: 96 Year of Entry: 2023

## Availability for Management

Total	Acres	Acres Avail	Acres		Domina	nt Site	e Conc	litions
Acres	Available	With Condition	Not Available		1A	3J	5E	
125	122	0	3	Aspen			3	1
1	1	0	0	Bog				
575	575	0	0	Herbaceous Openland				
384	384	0	0	Jack Pine				
23	23	0	0	Low-Density Trees				
28	0	0	28	Lowland Conifers		28		
63	0	0	63	Lowland Deciduous	2	61		
7	0	0	7	Lowland Shrub	4	3		
357	353	0	5	Natural Mixed Pines			5	
60	59	0	1	Planted Mixed Pines			1	
77	77	0	0	Red Pine				
3	3	0	0	Treed Bog				
22	22	0	0	Upland Conifers				
64	64	0	0	Upland Mixed Forest				
1,790	1,683		107	Total Forested Acres	6	92	9	
	94%		6%	Relative Percent				

\*Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	1A: Federal/State/Local Law	1	Unspecified	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> Fox River natural riv	ver 100' zone.					
2	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	92	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

# Report 4 – Site Conditions

Compartment: 96

Jennifer Burnham : Examiner

Newberry Mgt. Unit

Year of Entry: 2023

3	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
4	Unavailable	1A: Federal/State/Local Law	5	Unspecified	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> Fox River natural ri	ver 100' zone.					
6	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
7	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
9	Unavailable	5E: Long-Term Retention	3	3L: Other wildlife concerns	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> PR portion of stand	l is being left for retention for wil	dlife be	enefit.			
10	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> Retention for stand	s 22, 24, and 25.					



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

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

SCA Name SCA Category Detail Type Recommendation Acres

Comments

Compartment: 96 Year of Entry 2023



## 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 Area	а Туре	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.	ies (e.g., slimy sculpin) to persist from ese 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 o communities are ecologically and socially significant in their effe 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

#### Report 7 – Stands

#### Compartment: 96 Year of Entry: 2023

**General Comments** Stand Level 4 Cover Type Size Density Acres Stand Age BA Range Managed Site 3101 - Poverty Grass, Cladonia Nonstocked 78.8 Immature Managed Opening JP from previous burn 1-3ft tall. scattered through stand. Good fuel bed 1 of grasses, stand could carry fire again. could harvest and plant or burn. Sub-Canopy Species Density Avg. Height Size same with stands 2 and 3. Fescue Non-Wood Trace Burned 6/9/15 under FTP 42-872. Black Cherry Low 5 - 10 feet Sapling Sapling Red Maple Trace 5 - 10 feet Quaking Aspen Low 5 - 10 feet Sapling Sweet Fern < 5 feet Tall Shrub Low Jack Pine Low Variable Sapling Red Pine >20 feet Pole Trace Blueberry/Bilberry/Cranberry Medium < 5 feet Tall Shrub Poverty Grass Non-Wood High Tall Shrub Willow spp. Trace 5 - 10 feet 42220 - Natural Jack Pine Poletimber Medium 62.9 30 1-50 N/A Stand is doing well with more trees in pole class. Height hasn't increased 2 though. **Canopy Species** % Cover Size Class **DBH** Age Size Sub-Canopy Species Density Avg. Height Sapling Red Maple 5 4 Serviceberry (Juneberry) 5 - 10 feet Tall Shrub (2013 OI) Stand consists of jack pine approximately 15-25' tall 2-4" DBH Low with a grass understory. Area was burned in May of 1991. Area has 15 4 Sweet Fern < 5 feet Tall Shrub Quaking Aspen Sapling Low filled in with jack pine regeneration. Tall Shrub Jack Pine 75 5 30 5 - 10 feet Pole/Sapling Hazelnut (American) Low Black Cherry 5 Sapling 4 2 3101 - Poverty Grass Cladonia Nonstocked 106 1 Immatura Managed Opening IP from previous burn 1-3ft tall scattered through stand. Good fuel bed

3101 - Poverty Grass, Cladonia	Nonstocked	496.4 I	mmature	Managed C	pening	JP from previous burn 1-3ft tall, scattered through stand. Good fuel bed
		Sub-Canopy Species	Density	Avg. Height	Size	of grasses, stand could carry fire again. could harvest and plant or burn. same with stands 2 and 3.
		Poverty Grass	High			
		Fescue	Trace		Non-Wood	Burned 6/9/15 under FTP 42-872.
		White Pine	Trace	5 - 10 feet	Sapling	
		Jack Pine	Medium	Variable	Sapling	
		Willow spp.	Trace	5 - 10 feet	Tall Shrub	
		Quaking Aspen	Low	5 - 10 feet	Sapling	
		Red Maple	Low	5 - 10 feet	Sapling	
		Bigtooth Aspen	Low	5 - 10 feet	Sapling	
		Blueberry/Bilberry/Cranber	ry Medium	< 5 feet	Tall Shrub	
		Red Pine	Low	>20 feet	Pole	
		Black Cherry	Low	10 - 20 feet	Sapling	
		Sweet Fern	Low	< 5 feet	Tall Shrub	
	3101 - Poverty Grass, Cladonia		Sub-Canopy Species         Poverty Grass         Fescue         White Pine         Jack Pine         Willow spp.         Quaking Aspen         Red Maple         Bigtooth Aspen         Blueberry/Bilberry/Cranber         Red Pine         Black Cherry	Sub-Canopy SpeciesDensityPoverty GrassHighFescueTraceWhite PineTraceJack PineMediumWillow spp.TraceQuaking AspenLowRed MapleLowBigtooth AspenLowBlueberry/Bilberry/CranberryMediumRed PineLowBlack CherryLow	Sub-Canopy SpeciesDensityAvg. HeightPoverty GrassHighPoverty GrassHighFescueTraceWhite PineTraceJack PineMediumVariableWillow spp.TraceQuaking AspenLowLow5 - 10 feetBigtooth AspenLowBlueberry/Bilberry/CranberryMediumKed PineLowSolutionSolutionBlack CherryLow10 - 20 feet	Sub-Canopy SpeciesDensityAvg. HeightSizePoverty GrassHighNon-WoodFescueTraceNon-WoodWhite PineTrace5 - 10 feetSaplingJack PineMediumVariableSaplingWillow spp.Trace5 - 10 feetTall ShrubQuaking AspenLow5 - 10 feetSaplingRed MapleLow5 - 10 feetSaplingBigtooth AspenLow5 - 10 feetSaplingBlueberry/Bilberry/CranberryMedium< 5 feet

## Report 7 – Stands

Compartment: 96 Year of Entry: 2023



Stand	d Level 4 Co	over Type	\$	Size De	ensity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
4	42290 - Natu	ıral Mixed F	Pine	Sapling	g Poor	41.5	15	1-50	N/A		Scarification was not successful.
	Canopy Species	% Cover	Size Class	DBH	Age						Stand was planted in the fall of 1959. There is a strip of red pine planted
	Red Pine	10	Log	10	62						on the far west edge of this stand. Jack pine is doing well and looks
	White Pine	5	Pole/Log	8							healthy. Could possibly treat this stand, the trees are large enough for
	Red Pine	35	Sapling	1	15						commercial harvest. Recommend leaving for another 10 years to let trees get larger as well as letting the surrounding stands that were
	Red Maple	10	Sapling	1							recently havested get established. Talk about at pre-review.
	Quaking Aspen	15	Sapling	1							2016: sale completed. 42-010-13-01, Spring Creek 80. TCR 06/02/15.
	Jack Pine	25	Sapling	2							2016: stand was scarified on FTP C42-833.
5	42120 - Plar	nted Jack P	Pine	Sapling	g Well	122.5	8	Immature	N/A		JP is 4-6 ft tall, looks good. 06/12/18- JP TPA= 686, Aspen
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	s Density	Avg. Height	Size	component. Fully stocked.
	Jack Pine	75	Sapling	1	8	Servicebe	rry (Juneberr	y) Low	5 - 10 feet	Sapling	Regeneration check will be needed in 2014. Visual regen check 2017=
	Red Pine	10	Sapling	2							very well stocked.
	Black Cherry	5	Sapling	2							
	Red Maple	5	Sapling	2							
	Quaking Aspen	5	Sapling	2							
			e spinig	-							
6	42220 - Nati	ural Jack P		oletimb	er Poo	or 4.7	27	1-50	N/A		Stand is similar to 7 with a more open area in the SW part.
6	42220 - Nato Canopy Species	ural Jack P <b>% Cover</b>	Pine P	oletimb	er Poo I Age		27 nopy Species		N/A Avg. Height	Size	Stand is similar to 7 with a more open area in the SW part.
6	-	-	Pine P	oletimb		Sub-Ca		s Density		<b>Size</b> Tall Shrub	
6	Canopy Species	% Cover	Pine P Size Class	oletimb DBH		Sub-Car Servicebe	nopy Species	s Density	Avg. Height		
6	Canopy Species Paper Birch	% Cover	Pine P Size Class Pole/Sapling	oletimb DBH		Sub-Car Servicebe Swa	nopy Species rry (Juneberr	y) Low	Avg. Height	Tall Shrub	
6	Canopy Species Paper Birch Black Cherry	<b>% Cover</b> 3 2	Pine P Size Class Pole/Sapling Pole/Sapling	oletimb DBH 5 5	<b>Age</b>	Servicebe Swi Pove	n <b>opy Specie</b> rry (Juneberr eet Fern erty Grass	y) Low Trace	Avg. Height	Tall Shrub Tall Shrub	
6	Canopy Species Paper Birch Black Cherry Jack Pine	% Cover           3           2           75	Pine P Size Class Pole/Sapling Pole/Sapling Pole/Sapling	oletimb DBH 5 5 6	<b>Age</b>	Servicebe Swi Pove	n <b>opy Specie</b> rry (Juneberr eet Fern erty Grass	s Density y) Low Trace Low	Avg. Height 5 - 10 feet	Tall Shrub Tall Shrub Non-Wood	
6	Canopy Species Paper Birch Black Cherry Jack Pine Red Maple	% Cover           3           2           75           10           10	Pine P Size Class Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Sapling	oletimb DBH 5 5 6 6	27	Servicebe Swi Pove	n <b>opy Specie</b> rry (Juneberr eet Fern erty Grass	s Density y) Low Trace Low	Avg. Height 5 - 10 feet	Tall Shrub Tall Shrub Non-Wood	
	Canopy Species Paper Birch Black Cherry Jack Pine Red Maple Bigtooth Aspen	% Cover 3 2 75 10 10 10	Pine P Size Class Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Sapling	oletimb DBH 5 5 6 6 4 Sapling	27	Sub-Car Servicebe Swo Pove Blueberry/B 25.3	nopy Species rry (Juneberr eet Fern rty Grass ilberry/Cranbo	s Density y) Low Trace Low erry Medium	Avg. Height 5 - 10 feet < 5 feet	Tall Shrub Tall Shrub Non-Wood	Good diversity, healthy stand.
	Canopy Species Paper Birch Black Cherry Jack Pine Red Maple Bigtooth Aspen 4133 - Aspe	% Cover 3 2 75 10 10 10	Pine P Size Class Pole/Sapling Pole/Sapling Pole/Sapling Sapling Pine	oletimb DBH 5 5 6 6 4 Sapling	27 27 9 Well	Sub-Can Servicebe Swu Pove Blueberry/B 25.3 Sub-Can	nopy Species rry (Junebern eet Fern erty Grass ilberry/Cranbo 27	s Density y) Low Trace Low erry Medium 1-50 s Density	Avg. Height 5 - 10 feet < 5 feet N/A	Tall Shrub Tall Shrub Non-Wood Tall Shrub	Good diversity, healthy stand. Stand is the result of sale # 001-94 cut in 1994. There are mixed aspen, white/jack pine, red maple and cherry regenerating. Bracken fern/grass
	Canopy Species Paper Birch Black Cherry Jack Pine Red Maple Bigtooth Aspen 4133 - Aspe Canopy Species	% Cover           3           2           75           10           10           with the second	Pine P Size Class Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Sapling Pine Size Class	oletimb DBH 5 6 6 4 Sapling DBH	27 27 9 Well	Sub-Can Servicebe Swu Pove Blueberry/B 25.3 Sub-Can Servicebe	rry (Juneberr eet Fern erty Grass ilberry/Cranbo 27 nopy Species	s Density y) Low Trace Low erry Medium 1-50 s Density	Avg. Height 5 - 10 feet < 5 feet N/A Avg. Height	Tall Shrut Tall Shrut Non-Wood Tall Shrut Size	Good diversity, healthy stand. Stand is the result of sale # 001-94 cut in 1994. There are mixed aspen, white/jack pine, red maple and cherry regenerating. Bracken fern/grass in understory. Stand is sparse in places. Some clumps of june berry,
	Canopy Species Paper Birch Black Cherry Jack Pine Red Maple Bigtooth Aspen 4133 - Aspee Canopy Species Red Maple	% Cover           3           2           75           10           10           m, Mixed P           % Cover           5	Pine P Size Class Pole/Sapling Pole/Sapling Pole/Sapling Sapling Pine Size Class Sapling	oletimb DBH 5 5 6 6 4 Sapling DBH 3	27 27 9 Well	Sub-Can Servicebe Swu Pove Blueberry/B 25.3 Sub-Can Servicebe	rry (Juneberr eet Fern erty Grass ilberry/Cranbo 27 nopy Species rry (Juneberr	s Density y) Low Trace Low erry Medium 1-50 s Density y) Low	Avg. Height 5 - 10 feet < 5 feet N/A Avg. Height 5 - 10 feet	Tall Shrut Tall Shrut Non-Wood Tall Shrut Size Tall Shrut	Good diversity, healthy stand. Stand is the result of sale # 001-94 cut in 1994. There are mixed aspen, white/jack pine, red maple and cherry regenerating. Bracken fern/grass
	Canopy Species Paper Birch Black Cherry Jack Pine Red Maple Bigtooth Aspen 4133 - Asper Canopy Species Red Maple Paper Birch	% Cover           3           2           75           10           10           10           with the second se	Pine P Size Class Pole/Sapling Pole/Sapling Pole/Sapling Sapling Pine Size Class Sapling Sapling	oletimb           DBH           5           5           6           4           Sapling           DBH           3           3	27 27 Well Age	Sub-Can Servicebe Swu Pove Blueberry/B 25.3 Sub-Can Servicebe	rry (Juneberr eet Fern erty Grass ilberry/Cranbo 27 nopy Species rry (Juneberr	s Density y) Low Trace Low erry Medium 1-50 s Density y) Low	Avg. Height 5 - 10 feet < 5 feet N/A Avg. Height 5 - 10 feet	Tall Shrut Tall Shrut Non-Wood Tall Shrut Size Tall Shrut	Good diversity, healthy stand. Stand is the result of sale # 001-94 cut in 1994. There are mixed aspen, white/jack pine, red maple and cherry regenerating. Bracken fern/grass in understory. Stand is sparse in places. Some clumps of june berry,
	Canopy Species Paper Birch Black Cherry Jack Pine Red Maple Bigtooth Aspen 4133 - Asper Canopy Species Red Maple Paper Birch Quaking Aspen	% Cover           3           2           75           10           10           10           9           6           75           2           75           10           10           10           10           9           7           75           2           25	Pine P Size Class Pole/Sapling Pole/Sapling Pole/Sapling Sapling Pine Size Class Sapling Sapling Sapling Sapling	oletimb <b>DBH</b> 5 5 6 6 4 <b>Sapling</b> <b>DBH</b> 3 3 4	y Well Age 27 Well Age 27	Sub-Can Servicebe Swu Pove Blueberry/B 25.3 Sub-Can Servicebe	rry (Juneberr eet Fern erty Grass ilberry/Cranbo 27 nopy Species rry (Juneberr	s Density y) Low Trace Low erry Medium 1-50 s Density y) Low	Avg. Height 5 - 10 feet < 5 feet N/A Avg. Height 5 - 10 feet	Tall Shrut Tall Shrut Non-Wood Tall Shrut Size Tall Shrut	Good diversity, healthy stand. Stand is the result of sale # 001-94 cut in 1994. There are mixed aspen, white/jack pine, red maple and cherry regenerating. Bracken fern/grass in understory. Stand is sparse in places. Some clumps of june berry,
	Canopy Species Paper Birch Black Cherry Jack Pine Red Maple Bigtooth Aspen 4133 - Asper Canopy Species Red Maple Paper Birch Quaking Aspen Bigtooth Aspen	% Cover         3           3         2           75         10           10         10           m, Mixed P         % Cover           5         2           25         43	Pine P Size Class Pole/Sapling Pole/Sapling Pole/Sapling Sapling Pole/Sapling Sapling Sapling Sapling Sapling Sapling	oletimb DBH 5 5 6 6 4 Sapling DBH 3 3 4 4 4	y Well Age 27 Well Age 27	Sub-Can Servicebe Swu Pove Blueberry/B 25.3 Sub-Can Servicebe	rry (Juneberr eet Fern erty Grass ilberry/Cranbo 27 nopy Species rry (Juneberr	s Density y) Low Trace Low erry Medium 1-50 s Density y) Low	Avg. Height 5 - 10 feet < 5 feet N/A Avg. Height 5 - 10 feet	Tall Shrut Tall Shrut Non-Wood Tall Shrut Size Tall Shrut	Good diversity, healthy stand. Stand is the result of sale # 001-94 cut in 1994. There are mixed aspen, white/jack pine, red maple and cherry regenerating. Bracken fern/grass in understory. Stand is sparse in places. Some clumps of june berry,
	Canopy Species Paper Birch Black Cherry Jack Pine Red Maple Bigtooth Aspen 4133 - Asper Canopy Species Red Maple Paper Birch Quaking Aspen Bigtooth Aspen White Pine	% Cover         3           3         2           75         10           10         10           m, Mixed P         % Cover           5         2           25         43           5         5	Pine P Size Class Pole/Sapling Pole/Sapling Pole/Sapling Sapling Pine Size Class Sapling Sapling Sapling Sapling Pole	oletimb DBH 5 5 6 6 4 Sapling DBH 3 3 4 4 6	y Well Age 27 Well Age 27	Sub-Can Servicebe Swu Pove Blueberry/B 25.3 Sub-Can Servicebe	rry (Juneberr eet Fern erty Grass ilberry/Cranbo 27 nopy Species rry (Juneberr	s Density y) Low Trace Low erry Medium 1-50 s Density y) Low	Avg. Height 5 - 10 feet < 5 feet N/A Avg. Height 5 - 10 feet	Tall Shrut Tall Shrut Non-Wood Tall Shrut Size Tall Shrut	Good diversity, healthy stand. Stand is the result of sale # 001-94 cut in 1994. There are mixed aspen, white/jack pine, red maple and cherry regenerating. Bracken fern/grass in understory. Stand is sparse in places. Some clumps of june berry,



NR

stand	Level 4 C	over Type		Size De	ensity	Acres	Stand Age	BA Range	Managed	Site	General Comments	DNR
8	3302 - Low Der	sity Conifer	Trees	Nonst	ocked	14.5		Immature	No		Small slope area filling in with a variety of species.	
•						Sub-Ca	nopy Species	Density	Avg. Height	Size		
							erry (Juneberry	-	5 - 10 feet	Tall Shrub		
							ed Pine	Trace	10 - 20 feet	Sapling	-	
						Pa	per Birch	Trace	10 - 20 feet	Sapling		
						Re	d Maple	Low	10 - 20 feet	Sapling		
						Ja	ck Pine	Medium	10 - 20 feet	Sapling		
						Blueberry/B	ilberry/Cranbe	erry Medium	< 5 feet	Tall Shrub		
						Bla	ck Cherry	Low	5 - 10 feet	Sapling		
						Bigto	oth Aspen	Low	5 - 10 feet	Sapling		
						Pove	erty Grass	High		Non-Wood	- 	
Э	3303 - Mixed L	ow Density	Trees	Nonst	ocked	6.5			No			
						Sub-Ca	nopy Species	5 Density	Avg. Height	Size		
						Sw	eet Fern	Trace	< 5 feet	Tall Shrub	2	
						Ja	ck Pine	Low	10 - 20 feet	Sapling		
						Servicebe	erry (Juneberry	/) Trace	5 - 10 feet	Tall Shrub	2	
						Blueberry/B	ilberry/Cranbe	erry Medium	< 5 feet	Tall Shrub	2	
						Quak	ing Aspen	Low	10 - 20 feet	Sapling		
						Re	d Maple	Low	10 - 20 feet	Sapling		
						Bla	ck Cherry	Low	10 - 20 feet	Sapling		
						R	ed Pine	Low	10 - 20 feet	Log		
10	42260 - Natural Pi	ne, Mixed D	eciduous F	Poletimb	er We	II 23.1	45	1-50	N/A		Trees putting on diameter, healthy with good variety. Hold 10 more	e yea
C	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	B Density	Avg. Height	Size	for treatment.	
	Red Maple	10	Sapling/Pole	4		Re	d Maple	Medium	Variable	Sapling	(2013 )OIStand is a mixed bag of species. Red/white/jack pine alc	
Q	uaking Aspen	5	Sapling/Pole	4		Bigto	oth Aspen	Low	Variable	Sapling	with aspen and a few larger red maple. Stand varies in age classe	
В	ligtooth Aspen	20	Pole/Sapling	6		WI	nite Pine	Medium	10 - 20 feet	Sapling	density and is regenerating to gradually fill more of the stand in wit real descernable age class.	un no
	Red Pine	25	Pole/Sapling	7	45	Ja	ck Pine	Low	10 - 20 feet	Sapling		
	Jack Pine	25	Sapling/Pole	4		Bla	ck Cherry	Low	< 5 feet	Sapling		
	White Pine	15	Pole/Sapling	7		Blueberry/B	ilberry/Cranbe	erry Medium	< 5 feet	Tall Shrub		
						Servicebe	erry (Juneberry	/) Low	5 - 10 feet	Tall Shrub	2	
11	42290 - Nati	ural Mixed F	Pine F	Poletimb	er We	∥ 127.1	36	81-110	N/A		(2013 OI) Stand mostly jack pine with a mix of white pine and aspe	
C	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	B Density	Avg. Height	Size	Grasses, bracken fern, sweet fern and rough fescue present. Mos area was roller chopped in the early 90's.	รเบิ
	Red Maple	5	Pole/Sapling	6		Ja	ck Pine	Low	5 - 10 feet	Sapling		
В	ligtooth Aspen	15	Pole/Sapling			Bla	ck Cherry	Low	5 - 10 feet	Sapling		
	White Pine	15	Pole/Sapling	7		Servicebe	erry (Juneberry	/) Trace	5 - 10 feet	Tall Shrub		
	Jack Pine	55	Pole/Sapling	7	36	Sw	eet Fern	Low	< 5 feet	Tall Shrub		
	Red Pine											

## Report 7 – Stands

Compartment: 96

Year of Entry: 2023



												Year of Entry: 2023
Stan	d Level 4 C	over Type		Size	Densit	у	Acres	Stand Age B	A Range	Managed	Site	General Comments
12	4132 - Asp	en, Jack Pi	ne	Sapl	Sapling Poor		39.6	7	1-50	N/A		
	Canopy Species	% Cover	Size Class	D	BH Ag	е						(2013)Stand was planted in 1959. Scattered red maple throughout.
	Red Maple	10	Pole	8	3 52	2						Could possibly treat this stand, the trees are large enough for commerc
	Jack Pine	20	Sapling		1							harvest. Recommend leaving for another 10 years to let trees get large
	Bigtooth Aspen	10	Pole	6	6							as well as letting the surrounding stands that were recently harvested g established.
	Quaking Aspen	40	Sapling		1 7							2016: sale completed. 42-010-13-01, Spring Creek 80. TCR 07/14/201
	White Pine	20	Pole	8	3							2016: Stand scarified as FTP# C42-833
13	42290 - Nat	ural Mixed F	<sup>D</sup> ine S	awtim	per Me	dium	41.5	89	81-110	N/A		This land was purchased in 1998. Stand harvested on 2003 TS#003-03
	Canopy Species	% Cover	Size Class	D	BH Ag	е	Sub-Ca	nopy Species	Density	Avg. Height	Size	01. Red and white pine were left as residual. Stand was scarified in 2004 FTP# 42-581. Regeneration count completed 4/25/2007 = 920 t/a
	Red Maple	5	Pole		3 30		Re	d Maple	Low	< 5 feet	Sapling	(293 A,451 M,117 W,59 R). Secondary regeneration count done again
	Quaking Aspen	5	Pole	(	5 16	6	R	ed Oak	Low	< 5 feet	Seeding	on 6/5/08 = 521 t/ac (98J 1' ht, 130W, 293A). Stand has regenerated,
	White Pine	40	Log	1	6		Bigto	oth Aspen	Low	10 - 20 feet	Sapling	jack pine came in better in open areas now 3-5' tall. Pockets of mature red and white pine in stand.
	Red Pine	50	Log	1	4 89	)	Ja	ick Pine	Low	5 - 10 feet	Sapling	
							Blac	ck Cherry	Low	< 5 feet	Sapling	
						B	lueberry/B	ilberry/Cranber	rry Low	< 5 feet	Tall Shrub	<b>x</b>
							Hazelnı	ut (American)	Low	< 5 feet	Tall Shrub	
							Wł	nite Pine	Low	5 - 10 feet	Sapling	
14	4311 - Pin	ie, Aspen M	lix	Sapl	ing We		54.6	26	51-80	N/A		Stand was harvested in 1995 - sale #028-95. They harvested all specie
	Canopy Species	% Cover	Size Class	D	BH Ag	е	Sub-Ca	nopy Species	Density	Avg. Height	Size	except white/red pine, oak. Some scattered red maple left in overstory
	Red Oak	5	Pole/Saplin		3			d Maple	Medium	5 - 10 feet	Sapling	as well. Stand is regenerating to aspen with a mix of white pine and jac pine.
	Quaking Aspen	20	Sapling	-	2		Quak	king Aspen	High	10 - 20 feet	Sapling	- '
	Bigtooth Aspen	30	Sapling		3 26	5	Bigto	oth Aspen	High	10 - 20 feet	Sapling	-
	White Pine	20	Log/Pole		2 89		Ja	ick Pine	Medium	5 - 10 feet	Sapling	
	Red Pine	15	Log/Pole	1	2		Blac	ck Cherry	Low	5 - 10 feet	Sapling	
	Jack Pine	10	Pole/Sapling	g t	5		Servicebe	erry (Juneberry)	) Low	5 - 10 feet	Tall Shrub	2
15	3303 - Mixed L	ow Density	Trees	Non	stocke	d	1.8	U	Inspecified	No		<u> </u>
							Sub-Ca	nopy Species	Density	Avg. Height	Size	
							R	ed Pine	Low		Log	1
							Ja	ick Pine	Low		Sapling	1
						B	lueberry/B	ilberry/Cranbe	rry Medium		Tall Shrub	2
							Wł	nite Pine	Low		Log	1
							Blac	ck Cherry	Low		Sapling	1
							Re	d Maple	Low		Sapling	1
							Bigto	oth Aspen	Low		Sapling	1
												1

Low

Serviceberry (Juneberry)

Tall Shrub

## Report 7 – Stands

Compartment: 96

Year of Entry: 2023 Managed Site General Comments



Stand	Level 4 C	over Type	S	Size De	nsity	Acres Stand	Age BA	A Range	Managed S	Site	General Comments			
16	42110 - Pla	nted Red P	Pine	Sapling	Well	76.7 10	In	nmature	N/A		Red pine good about 2-3ft in height. Many deciduous stems 5-15 ft tall above pine. fairly wide spread. Should this be sprayed again?			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Sp	ecies	Density	Avg. Height	Size	above pine. Tailly wide spread. Should this be sprayed again?			
	Red Pine	65	Sapling	1	10	Quaking Asp	en	High	5 - 10 feet	Sapling	Regen check summer 2018. Fully stocked, check at re inventory. Stand			
	Jack Pine	10	Sapling	1	10	Red Maple		Medium	5 - 10 feet	Sapling	will be trenched and planted to red pine			
	Red Pine	10	Log	12		Jack Pine		Low	< 5 feet	Sapling	Regen survey summer 2017: 657 Trees per acre. red pine			
	Red Maple	15	Sapling	1							···			
17	42260 - Natural Pi	ne, Mixed [	Deciduous Sa	awtimb	er Well	20.9 71	8	81-110	N/A		Treatment on stand is the area not previously harvested with the sale.			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Sp	ecies	Density	Avg. Height	Size	(2013)Part of stand was treated "Spring Creek Aspen" (004-03-01). Completed 12/10/03. Red pine and white pine were left as well as a few			
	Red Maple	5	Pole/Sapling	7		Red Maple		Low	Variable	Sapling	white birch seed trees. Aspen regeneration throughout. White pine			
	Paper Birch	2	Pole	9		Red Oak		Low	< 5 feet	Sapling	saplings present as well. Stand is a two storied stand now with aspen in			
	Quaking Aspen	15	Sapling/Pole	5	17	Quaking Asp	en	Low	5 - 10 feet	Sapling	the lower storied.			
	Bigtooth Aspen	13	Sapling/Pole	5	17	Bigtooth Asp	en	Low	5 - 10 feet	Sapling				
	White Pine	30	Log/Pole	12		White Pine		Low	10 - 20 feet	Sapling				
	Red Pine	30	Log/Pole	13	71	Black Cherr	У	Low	Variable	Sapling				
	Jack Pine	5	Pole/Sapling	6		Hazelnut (Amer	ican)	Low	< 5 feet	Tall Shrub				
18	42290 - Natu	ural Mixed I	Pine Sa	awtimb	er Well	22.7 62	8	81-110	N/A		BA averages 70-100. Fair to poor quality, wait 10 years to harvest.			
18	42290 - Natu Canopy Species		Pine Sa		er Well <b>Age</b>	22.7 62 Sub-Canopy Sp		81-110 Density	N/A Avg. Height	Size				
18						-	ecies			<b>Size</b> Sapling	(2013 OI) Stand is a mix of white pine, red pine, jack pine, aspen and red maple. Stand is an opeing that is filling in over time, still some somewha			
18	Canopy Species	% Cover	Size Class	DBH		Sub-Canopy Sp	ecies	Density	Avg. Height		(2013 OI) Stand is a mix of white pine, red pine, jack pine, aspen and red maple. Stand is an opeing that is filling in over time, still some somewha open areas throughout stand There are a variety of tree sizes from			
18	Canopy Species Red Maple	<b>% Cover</b> 10	Size Class Pole/Sapling	<b>DBH</b> 6		Sub-Canopy Sp Red Maple	ecies	Density Low	Avg. Height Variable	Sapling	(2013 OI) Stand is a mix of white pine, red pine, jack pine, aspen and red maple. Stand is an opeing that is filling in over time, still some somewhat open areas throughout stand There are a variety of tree sizes from sawlog to sapling in the red and white pine with no real descernable age			
18	Canopy Species Red Maple Quaking Aspen	<b>% Cover</b> 10 5	Size Class Pole/Sapling Pole	<b>DBH</b> 6 6	Age	Sub-Canopy Sp Red Maple Quaking Asp	ecies	Density Low Low	<b>Avg. Height</b> Variable Variable	Sapling Sapling	(2013 OI) Stand is a mix of white pine, red pine, jack pine, aspen and red maple. Stand is an opeing that is filling in over time, still some somewha open areas throughout stand There are a variety of tree sizes from			
18	Canopy Species Red Maple Quaking Aspen White Pine	% Cover           10           5           40	Size Class Pole/Sapling Pole Log/Pole	<b>DBH</b> 6 6 12	<b>Age</b> 62	Sub-Canopy Sp Red Maple Quaking Asp White Pine	ecies en	DensityLowLowLow	Avg. Height Variable Variable Variable	Sapling Sapling Sapling	(2013 OI) Stand is a mix of white pine, red pine, jack pine, aspen and red maple. Stand is an opeing that is filling in over time, still some somewhat open areas throughout stand There are a variety of tree sizes from sawlog to sapling in the red and white pine with no real descernable age class. Jack pine, aspen and red maple is sapling sized for the most			
18	Canopy Species Red Maple Quaking Aspen White Pine Red Pine	Cover           10           5           40           35           10	Size Class Pole/Sapling Pole Log/Pole Log/Pole Pole/Sapling	<b>DBH</b> 6 6 12 12	Age 62 62	Sub-Canopy Sp Red Maple Quaking Asp White Pine Jack Pine	ecies en eberry)	DensityLowLowLowLow	Avg. Height Variable Variable Variable Variable	Sapling Sapling Sapling Sapling	(2013 OI) Stand is a mix of white pine, red pine, jack pine, aspen and red maple. Stand is an opeing that is filling in over time, still some somewha open areas throughout stand There are a variety of tree sizes from sawlog to sapling in the red and white pine with no real descernable age class. Jack pine, aspen and red maple is sapling sized for the most part. Aspen regeneration looks good. There is nice oak and conifer also			
	Canopy Species Red Maple Quaking Aspen White Pine Red Pine Jack Pine	% Cover           10           5           40           35           10	Size Class Pole/Sapling Pole Log/Pole Log/Pole Pole/Sapling	DBH           6           12           12           6	Age 62 62	Sub-Canopy Sp Red Maple Quaking Asp White Pine Jack Pine Serviceberry (June	ecies en eberry) Un	Density Low Low Low Low Low	Avg. Height Variable Variable Variable Variable 10 - 20 feet	Sapling Sapling Sapling Sapling	(2013 OI) Stand is a mix of white pine, red pine, jack pine, aspen and red maple. Stand is an opeing that is filling in over time, still some somewha open areas throughout stand There are a variety of tree sizes from sawlog to sapling in the red and white pine with no real descernable age class. Jack pine, aspen and red maple is sapling sized for the most part. Aspen regeneration looks good. There is nice oak and conifer also coming up with the aspen. Stand harvested as "Spring Creek Aspen"			
	Canopy Species Red Maple Quaking Aspen White Pine Red Pine Jack Pine 4133 - Aspe	% Cover           10           5           40           35           10	Size Class Pole/Sapling Pole Log/Pole Log/Pole Pole/Sapling	DBH           6           12           12           6	Age 62 62 Well	Sub-Canopy Sp Red Maple Quaking Asp White Pine Jack Pine Serviceberry (June 39.1 14	ecies en eberry) Un	Density Low Low Low Low Low	Avg. Height Variable Variable Variable 10 - 20 feet N/A	Sapling Sapling Sapling Sapling Tall Shrub	<ul> <li>(2013 OI) Stand is a mix of white pine, red pine, jack pine, aspen and red maple. Stand is an opeing that is filling in over time, still some somewhat open areas throughout stand There are a variety of tree sizes from sawlog to sapling in the red and white pine with no real descernable age class. Jack pine, aspen and red maple is sapling sized for the most part.</li> <li>Aspen regeneration looks good. There is nice oak and conifer also coming up with the aspen. Stand harvested as "Spring Creek Aspen" (004-03-01). Completed 12/10/03. Stand is now mostly aspen and white</li> </ul>			
	Canopy Species Red Maple Quaking Aspen White Pine Red Pine Jack Pine 4133 - Aspe Canopy Species	% Cover           10           5           40           35           10	Size Class Pole/Sapling Pole Log/Pole Log/Pole Pole/Sapling Pine Size Class	DBH           6           12           12           6           Sapling           DBH	Age 62 62 Well	Sub-Canopy Sp Red Maple Quaking Asp White Pine Jack Pine Serviceberry (June 39.1 14 Sub-Canopy Sp	en en eberry) Un pecies	Density Low Low Low Low Low Specified Density	Avg. Height Variable Variable Variable 10 - 20 feet N/A Avg. Height	Sapling Sapling Sapling Sapling Tall Shrub	<ul> <li>(2013 OI) Stand is a mix of white pine, red pine, jack pine, aspen and red maple. Stand is an opeing that is filling in over time, still some somewhat open areas throughout stand There are a variety of tree sizes from sawlog to sapling in the red and white pine with no real descernable age class. Jack pine, aspen and red maple is sapling sized for the most part.</li> <li>Aspen regeneration looks good. There is nice oak and conifer also coming up with the aspen. Stand harvested as "Spring Creek Aspen" (004-03-01). Completed 12/10/03. Stand is now mostly aspen and white</li> </ul>			
	Canopy Species Red Maple Quaking Aspen White Pine Red Pine Jack Pine 4133 - Aspe Canopy Species Red Maple	% Cover           10           5           40           35           10   en, Mixed P % Cover           8	Size Class Pole/Sapling Pole Log/Pole Log/Pole Pole/Sapling Pine Size Class Sapling/Pole	DBH           6           12           12           5	Age 62 62 Well	Sub-Canopy Sp Red Maple Quaking Asp White Pine Jack Pine Serviceberry (June 39.1 14 Sub-Canopy Sp Red Oak	ecies en eberry) Un eccies	Density Low Low Low Low Low Low Density Low Low	Avg. Height Variable Variable Variable 10 - 20 feet N/A Avg. Height 5 - 10 feet	Sapling Sapling Sapling Sapling Tall Shrub Size Sapling	<ul> <li>(2013 OI) Stand is a mix of white pine, red pine, jack pine, aspen and red maple. Stand is an opeing that is filling in over time, still some somewhat open areas throughout stand There are a variety of tree sizes from sawlog to sapling in the red and white pine with no real descernable age class. Jack pine, aspen and red maple is sapling sized for the most part.</li> <li>Aspen regeneration looks good. There is nice oak and conifer also coming up with the aspen. Stand harvested as "Spring Creek Aspen" (004-03-01). Completed 12/10/03. Stand is now mostly aspen and white pine regeneration. Overstory of white pine, red pine, red maple, oak and</li> </ul>			
19	Canopy Species Red Maple Quaking Aspen White Pine Red Pine Jack Pine 4133 - Aspe Athana Aspecies Red Maple Red Oak	% Cover           10           5           40           35           10           en, Mixed P           % Cover           8           5	Size Class Pole/Sapling Pole Log/Pole Log/Pole Pole/Sapling Pine Size Class Sapling/Pole Pole/Log	DBH           6           12           12           6           Sapling           DBH           5           10	Age 62 62 Well	Sub-Canopy Sp Red Maple Quaking Asp White Pine Jack Pine Serviceberry (June 39.1 14 Sub-Canopy Sp Red Oak Quaking Asp	ecies en eberry) Un eccies en en	Density Low Low Low Low Low Density Density Low High	Avg. Height Variable Variable Variable 10 - 20 feet N/A Avg. Height 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling Tall Shrub Size Sapling Sapling	<ul> <li>(2013 OI) Stand is a mix of white pine, red pine, jack pine, aspen and red maple. Stand is an opeing that is filling in over time, still some somewhat open areas throughout stand There are a variety of tree sizes from sawlog to sapling in the red and white pine with no real descernable age class. Jack pine, aspen and red maple is sapling sized for the most part.</li> <li>Aspen regeneration looks good. There is nice oak and conifer also coming up with the aspen. Stand harvested as "Spring Creek Aspen" (004-03-01). Completed 12/10/03. Stand is now mostly aspen and white pine regeneration. Overstory of white pine, red pine, red maple, oak and</li> </ul>			
19	Canopy Species Red Maple Quaking Aspen White Pine Red Pine Jack Pine 4133 - Aspe At133 - Aspe Canopy Species Red Maple Red Oak Paper Birch	% Cover           10           5           40           35           10	Size Class Pole/Sapling Pole Log/Pole Pole/Sapling Pine Size Class Sapling/Pole Pole/Log Pole/Log	DBH 6 12 12 6 Sapling DBH 5 10 9	Age 62 62 Well Age	Sub-Canopy Sp Red Maple Quaking Asp White Pine Jack Pine Serviceberry (June 39.1 14 Sub-Canopy Sp Red Oak Quaking Asp Bigtooth Asp	ecies en eberry) Un eccies en en	Density       Low       Low       Low       Low       Low       Basecified       Density       Low       High       High	Avg. Height Variable Variable Variable 10 - 20 feet N/A Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling Tall Shrub Size Sapling Sapling Sapling	<ul> <li>(2013 OI) Stand is a mix of white pine, red pine, jack pine, aspen and red maple. Stand is an opeing that is filling in over time, still some somewhat open areas throughout stand There are a variety of tree sizes from sawlog to sapling in the red and white pine with no real descernable age class. Jack pine, aspen and red maple is sapling sized for the most part.</li> <li>Aspen regeneration looks good. There is nice oak and conifer also coming up with the aspen. Stand harvested as "Spring Creek Aspen" (004-03-01). Completed 12/10/03. Stand is now mostly aspen and white pine regeneration. Overstory of white pine, red pine, red maple, oak and</li> </ul>			
19	Canopy Species Red Maple Quaking Aspen White Pine Red Pine Jack Pine 4133 - Aspe At133 - Aspe Canopy Species Red Maple Red Oak Paper Birch Quaking Aspen	% Cover           10           5           40           35           10           en, Mixed P           % Cover           8           5           2           20	Size Class Pole/Sapling Pole Log/Pole Pole/Sapling Size Class Sapling/Pole Pole/Log Pole/Log Sapling	DBH           6           12           12           5           10           9           1	Age 62 62 Well Age 14	Sub-Canopy Sp Red Maple Quaking Asp White Pine Jack Pine Serviceberry (June 39.1 14 Sub-Canopy Sp Red Oak Quaking Asp Bigtooth Asp White Pine	ecies en eberry) Un ecies en en	Density       Low       High       Low	Avg. Height Variable Variable Variable 10 - 20 feet N/A Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling Tall Shrub Size Sapling Sapling Sapling Sapling	<ul> <li>(2013 OI) Stand is a mix of white pine, red pine, jack pine, aspen and red maple. Stand is an opeing that is filling in over time, still some somewhat open areas throughout stand There are a variety of tree sizes from sawlog to sapling in the red and white pine with no real descernable age class. Jack pine, aspen and red maple is sapling sized for the most part.</li> <li>Aspen regeneration looks good. There is nice oak and conifer also coming up with the aspen. Stand harvested as "Spring Creek Aspen" (004-03-01). Completed 12/10/03. Stand is now mostly aspen and white pine regeneration. Overstory of white pine, red pine, red maple, oak and</li> </ul>			

## Report 7 – Stands

DNR MICHIGAN

Stan	d Level 4 C	over Type	S	ize Density	Acres	Stand Age B	A Range	Managed S	lite	General Comments		
20	42220 - Natural Jack Pine P			oletimber Well	3.5	36	1-50	N/A		Jack pine in stand is approx. 20-40' tall 3-7"DBH. Some white pine		
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Car	nopy Species	Density	Avg. Height	Size	regeneration present also. Canopy is brown and shows signs of budwo in the stand. Continue to monitor for mortality.		
	Red Maple	2	Sapling	4	Red	d Maple	Low	Variable	Sapling			
	Quaking Aspen	5	Pole/Sapling	5	Quak	ing Aspen	Low	10 - 20 feet	Sapling			
	White Pine	5	Log	12	Wh	ite Pine	Low	Variable	Sapling			
	Red Pine	10	Pole	9	Jao	ck Pine	Low	10 - 20 feet	Sapling			
	Jack Pine	78	Pole/Sapling	5 36			1		1			
21	42140 - Plar	ted Mixed	Pine Sa	awtimber Well	60.5	62	81-110	N/A		Jack pine crowns are failing and there is mortality in the stand. The mortality, possibly due to high water and/or age, in the NW part of		
	Canopy Species	ecies % Cover S	Size Class	DBH Age						mortality, possibly due to high water and/or age, in the NW part of the stand.		
	Red Maple	5	Pole/Sapling	6						(2013)Stand is a jack pine plantation - planted in 1959. It has an asp		
	Bigtooth Aspen	5	Pole	8								
	White Pine	5	Log/XLog	16						component. Also has a mix of birch, red and white pine. They planted through and around the aspen/pine trees that were here at that time. Jack pine is growing up nicely. Aspen is beginning to show signs of		
	Red Pine	33	Log/Pole	14								
	Jack Pine	50	Pole	8 62						decline.		
	Red Oak	2	Log	16								
22	4133 - Aspe	en, Mixed P	ine s	Sapling Well	12.5	6	1-50	N/A		(2013 OI) Stand is a mixed bag of tree species of most all size classes		
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Car	nopy Species	Density	Avg. Height	Size	Tree spp. include mixed aspen, red/white/jack pine, red maple and par birch. Mostly aspen and pine spp. regenerating. Some oak seedlings		
	Red Pine	10	Pole	8	Wh	ite Pine	Low	5 - 10 feet	Sapling	present also. Some areas of stand are open with bracken fern, grasse		
	White Pine	15	Pole/Sapling	6	Re	ed Oak	Low	< 5 feet	Sapling	and hazel in the understory. In areas where there is aspen in the		
	Red Oak	5	Log/Pole	10	Quak	ing Aspen	Low	5 - 10 feet	Sapling	overstory, white pine seems to be regenerating nicely in the understory		
	Bigtooth Aspen	60	Sapling	1 6						(2015) - Stand was treated with Tsale#420111301 Corn Feeder Jack		
	Red Maple	10	Sapling	1						Pine TCR 1/28/16. A scattering of residual RP, WP and oak left as residual.		
23	42121 - Planted Dec	iduous		bletimber Well	35.3	62	51-80	N/A		Tops are thinning and stand is starting to break up and losing BA. Can back through in the summer and there are areas of budworm.		
	Canopy Species	% Cover	Size Class	DBH Age		opy Species	Density	Avg. Height	Size	(2013 OI) Stand is a jack pine plantation - planted in 1959. It has an		
	Red Maple	5	Pole	9	Servicebe	rry (Juneberry)	Low	Variable	Tall Shrub	aspen component. Also has a mix of birch, red and white pine. They		
	Bigtooth Aspen	15	Pole	9						planted through and around the aspen/pine trees that were here at tha time. Jack pine is growing up nicely. Aspen is beginning to show sign		
	White Pine	5	Log/XLog	16						of decline.		
	Red Pine	5	Log/Pole	12								
24	4130	- Aspen	:	Sapling Well	8.9	6	1-50	N/A		Jack pine is not regenerating.		
	Canopy Species	% Cover	Size Class	DBH Age		nopy Species	Density	Avg. Height	Size	(2015) - Stand was treated with TSale#420111301 TCR1/28/16		
	Red Pine	5	Log	12	Red	d Maple	Medium	5 - 10 feet	Sapling	(2013 OI)Stand is a jack pine plantation - planted in 1959. It has an		
	Red Maple	5	Pole/Sapling	7	Blac	k Cherry	Medium	5 - 10 feet	Sapling	aspen component. Also has a mix of red and white pine, aspen, red		
	Paper Birch	5	Pole	7	Wh	ite Pine	Low	< 5 feet	Sapling	maple and oak. Jack pine is growing up nicely. Aspen is beginning to show signs of decline.		
	White Pine	5	Log	14						J		
	<b>O</b>	40	Sapling	1 6								
	Quaking Aspen Bigtooth Aspen	40	Saping	1 0								

## Report 7 – Stands

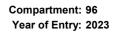
Compartment: 96

DNR

Year of Entry: 2023

Stan	d Level 4 C	over Type	S	ize De	ensity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
25	42290 - Natu	ural Mixed F	Pine Sa	awtimb	er Poo	r 9.8	90	1-50	N/A		Stand is mix of species (red/white/jack pine and aspen) that vary in size,
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	density and age. Jack pine was planted. Looks as though jack pine planted through and around the some red and white pine trees that were
	White Pine	50	Pole/Log	8	90	Bigt	ooth Aspen	Medium	5 - 10 feet	Sapling	here at that time, and some are older.
	Red Pine	50	Pole/Log	8		R	ed Maple	Medium	5 - 10 feet	Sapling	(2015) - Stand was treated with TSale#420111301. TCR 1/28/16 There
						Qua	king Aspen	Low	5 - 10 feet	Sapling	is a scattering of residual RP, WP and oak trees left as residual.
						J	ack Pine	Low	< 5 feet	Sapling	Regen check summer 2017. Red Maple: 685 trees/acre, Red Oak: 186
						Pa	per Birch	Low	5 - 10 feet	Sapling	trees/acre, White Birch: 62 trees/acre, Big-toothed Aspen: 498 trees/acre.
						F	Red Oak	Low	Variable	Sapling	
26	42260 - Natural Pi	ne, Mixed D	Deciduous Pole	etimbe	r Mediu	um 21.6	60	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	2013)Stand is filling in with various tree species - Oak, red maple, red/white/jack pine and mixed aspen. Some sawlog sized pine present.
	Red Maple	5	Pole/Sapling	8		Bigt	ooth Aspen	Low	5 - 10 feet	Sapling	Stand is an opeing that is filling in over time. There are a variety of tree
	Red Oak	20	Pole/Sap/Log	9		W	hite Pine	Low	Variable	Sapling	sizes from sawlog to sapling in the red and white pine with no real
	Bigtooth Aspen	5	Sapling/Pole	6		F	Red Pine	Low	10 - 20 feet	Pole	descernable age class. The oak in here are decent with fairly large crowns - good mast trees.
	White Pine	20	Pole/Log/Sap	10		J	ack Pine	Low	5 - 10 feet	Sapling	
	Red Pine	45	Pole/Log/Sap	10	60	Bla	ick Cherry	Low	Variable	Conling	
	rtou r into	40	Fole/Log/Sap	10	00	Dic	ICK CHEITY	Low	valiable	Sapling	
	Jack Pine	5	Pole/Sapling	7	00		Red Oak	Low	5 - 10 feet	Sapling	
27		5	Pole/Sapling	7	Mediu	F	,				
27	Jack Pine	5 ural Mixed F	Pole/Sapling	7 /timbei		F	Red Oak	Low	5 - 10 feet		
27	Jack Pine 42290 - Natu	5 ural Mixed F	Pole/Sapling Pine Sav	7 /timbei	<sup>r</sup> Mediu	F	Red Oak	Low	5 - 10 feet		
27	Jack Pine 42290 - Natu Canopy Species	5 ural Mixed F % Cover	Pole/Sapling Pine Sav Size Class	7 /timber DBH	<sup>r</sup> Mediu	F	Red Oak	Low	5 - 10 feet		
27	Jack Pine 42290 - Natu Canopy Species White Pine	5 ural Mixed F % Cover 35	Pole/Sapling Pine Sav Size Class Log/Pole	7 vtimber DBH	r Mediu I Age	F	Red Oak	Low	5 - 10 feet		
27	Jack Pine 42290 - Natu Canopy Species White Pine Red Pine	5 ural Mixed F % Cover 35 35	Pole/Sapling Pine Sav Size Class Log/Pole Log/Pole	7 /timber DBH 12 12	r Mediu I Age	F	Red Oak	Low	5 - 10 feet		
27	Jack Pine 42290 - Natu Canopy Species White Pine Red Pine White Spruce	5 ural Mixed F % Cover 35 35 5	Pole/Sapling Pine Sav Size Class Log/Pole Log/Pole Pole/Sapling	7 vtimber DBH 12 12 7	r Mediu I Age	F	Red Oak	Low	5 - 10 feet		
27	Jack Pine 42290 - Natu Canopy Species White Pine Red Pine White Spruce Jack Pine	5           Jural Mixed F <b>K Cover</b> 35           35           5           10	Pole/Sapling Pine Sav Size Class Log/Pole Log/Pole Pole/Sapling Pole	7 vtimber 12 12 7 6	r Mediu I Age	F	Red Oak	Low	5 - 10 feet		
27	Jack Pine 42290 - Natu Canopy Species White Pine Red Pine White Spruce Jack Pine Red Maple	5           Jaral         Mixed         F <b>Cover</b> 35         35	Pole/Sapling Pine Sav Size Class Log/Pole Log/Pole Pole/Sapling Pole Pole Pole	7           vtimber           DBH           12           12           6           7           6           7           8	r Mediu I Age	ım 17.3	Red Oak	Low	5 - 10 feet		Spruce and jack pine crowns are starting to break apart.
	Jack Pine 42290 - Natu Canopy Species White Pine Red Pine White Spruce Jack Pine Red Maple Bigtooth Aspen	5           Jaral Mixed F           % Cover           35           35           10           10           5           10           10           10           10           5	Pole/Sapling Pine Sav Size Class Log/Pole Log/Pole Pole/Sapling Pole Pole Pole	7 Vtimber 12 12 7 6 7 8 0 0 0 0 0 0 0 0 0 0 0 0 0	60	ım 17.3	60	1-50	5 - 10 feet N/A		Spruce and jack pine crowns are starting to break apart.
	Jack Pine 42290 - Natu Canopy Species White Pine Red Pine Jack Pine Jack Pine Red Maple Bigtooth Aspen 42220 - Nat	5           Jaral Mixed F           % Cover           35           35           10           10           5           10           10           10           10           5	Pole/Sapling Pine Sav Size Class Log/Pole Log/Pole Pole/Sapling Pole Pole Pole tine Pole	7 Vtimber 12 12 7 6 7 8 0 0 0 0 0 0 0 0 0 0 0 0 0	r Mediu 60	ım 17.3	60	1-50	5 - 10 feet N/A		Spruce and jack pine crowns are starting to break apart.
	Jack Pine 42290 - Natu Canopy Species White Pine Red Pine Jack Pine Jack Pine Red Maple Bigtooth Aspen 42220 - Natu	5           Jaral Mixed F           % Cover           35           35           10           10           5           10           5           ural Jack P           % Cover	Pole/Sapling       Pine     Sav       Size Class     Log/Pole       Log/Pole     Pole/Sapling       Pole/Sapling     Pole       Pole     Pole       Pole     Pole       Size Class     Pole	7 ▼DBH 12 12 12 7 6 7 8 ■ DBH	r Mediu 60	ım 17.3	60	1-50	5 - 10 feet N/A		Spruce and jack pine crowns are starting to break apart.
	Jack Pine 42290 - Natu Canopy Species White Pine Red Pine Jack Pine Jack Pine Red Maple Bigtooth Aspen 42220 - Nat Canopy Species Red Maple	5           Jaral Mixed F           Ø Cover           35           5           10           10           5           ural Jack P           Ø Cover           5           Jack P           Ø Cover           5	Pole/Sapling Pine Sav Size Class Log/Pole Log/Pole Pole/Sapling Pole Pole Pole Size Class Pole	7 VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	60 60 ber Wel	ım 17.3	60	1-50	5 - 10 feet N/A		Spruce and jack pine crowns are starting to break apart.
	Jack Pine 42290 - Natu Canopy Species White Pine Red Pine White Spruce Jack Pine Act Maple Bigtooth Aspen 42220 - Natu Canopy Species Red Maple Black Spruce	5       Jiral Mixed F       35       35       10       10       5       10       10       5       10       5       10       5       10       5       10       5       10       5       10       10       5       10	Pole/Sapling Pine Sav Size Class Log/Pole Log/Pole Pole/Sapling Pole Pole Pole Pole Pole Pole Pole Pole	7 VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	60 60 ber Wel	ım 17.3	60	1-50	5 - 10 feet N/A		Spruce and jack pine crowns are starting to break apart.

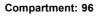
## Report 7 – Stands



NO DALE

											Teal of Entry. 2020
Stand	d Level 4 C	over Type		Size De	nsity	Acres	Stand Age E	BA Range	Managed S	Site	General Comments
29	42220 - Nat	tural Jack P	ine s	Sapling I	/ledium	8.5	7	1-50	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	(2015) Stand was treated with TSale#420111301. TCR 1/28/16.
	White Pine	5	Log	14	_	Rec	d Maple	Low	5 - 10 feet	Sapling	
	Red Pine	20	Log	14	95	Whi	ite Pine	Low	Variable	Sapling	-
	Quaking Aspen	15	Sapling	1		Re	d Pine	Low	5 - 10 feet	Sapling	-
	Jack Pine	60	Sapling	1	7	Jac	ck Pine	Low	10 - 20 feet	Sapling	
						Quaki	ing Aspen	Medium	5 - 10 feet	Sapling	
30	42220 - Nat	tural Jack P	ine s	Sapling I	<i>l</i> edium	134.3	7	1-50	N/A		(2017)Stand is a jack pine plantation - planted in 1959. It has an aspen
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	component. Also has a mix of red and white pine. Occasional large rec and white pine that is older that they planted through and around. Jack
	Red Pine	20	Log	10		Quaki	ing Aspen	High	5 - 10 feet	Sapling	pine is growing up nicely. Aspen is beginning to show signs of decline.
	White Pine	5	Log	10		Bigtoc	oth Aspen	Low	5 - 10 feet	Sapling	
	Jack Pine	60	Sapling	1	7	Pap	er Birch	Trace	5 - 10 feet	Sapling	(2015) - Stand was treated with TSale#420111301 Corn Feeder Jack Pine. TCR# 1/28/16 There is a scattering of residual trees, RP, WP an
	Quaking Aspen	15	Sapling	1		Rec	d Maple	Low	5 - 10 feet	Sapling	PB left after the harvest.
						Whi	ite Pine	Trace	5 - 10 feet	Sapling	-
						Re	d Pine	Trace	< 5 feet	Sapling	
31	42220 - Nat	tural Jack P	ine I	Poletimb	er Well	9.0	27 L	Inspecified	N/A		Stand coming into pole size.
	Canopy Species	% Cover	Size Class	DBH	Age						(2013)Area was cut and scarified in 1984. Jack pine came back thick.
	White Pine	5	Pole/Log	9							now 10-30' tall 3-5"DBH.
	Red Pine	10	Log/Pole	12							
	Jack Pine	85	Pole/Sapling	j 5	27						
32	622	5 - Bog		Nonsto	ocked	1.3	ι	Inspecified	No		
						Sub-Can	opy Species	Density	Avg. Height	Size	
						Black	k Spruce	Medium		Sapling	
						Tar	marack	Low		Sapling	
	6229 - Mixeo	d lowland sh	nrub	Nonsto	ocked	7.1	L	Inspecified	No		Some mortality in the saplings from high water.
33							<u> </u>	Density	Avg. Height	Size	
33						Sub-Can	opy Species	_	Avg. neight		
33							Alder	High	Avg. neight	Tall Shrub	
33						A		_			

## Report 7 – Stands



DNE

Year	of Entry:	2023
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Stand	Level 4 Co	over Type	Si	ize Dens	sity	Acres	Stand Age B	A Range	Managed S	Site	General Comments	
34	6117 - Lowland I Coni	Deciduous, iferous	Mixed Po	oletimber	r Well	63.1	94	81-110	N/A		Drainages are dry this summer, road is skinny but has UTV use.	
	Canopy Species	% Cover	Size Class	ss DBH Ag		Sub-Can	anopy Species	Density	Avg. Height	Size	(2013)Stand is lowland hardwoods/conifers. Stand is situated mostly c	
	Red Maple	30	Pole		94	Red Maple	Medium Medium Medium	Variable Sapling Variable Sapling Variable Sapling		low ground where some areas looks to be very wet at times. Some sn intermittent drainages present throughout stand and it may prove diffic to treat due to nature of ground, it would need to be treated in winter if		
	Paper Birch	30	Pole	8		Balsam Fir Black Spruce						
	Balsam Fir	2	Pole/Sapling	7					harvested. There is a small sand ridge running the length of the stand where there is an old road evident. Stand falls in the E. Branch Fox Riv			
	Black Spruce	10	Pole/Sapling	7		Northern	White Cedar	Low	Variable	Sapling	where there is an old road evident. Stand rais in the E. Branch Fox Rive watershed.	
Nor	thern White Cedar	15	Pole/Sap/Log	8		Whi	ite Pine	Low	10 - 20 feet	Sapling		
	Tamarack	3	Log/Pole	10		Tag	g Alder	Medium	5 - 10 feet	Tall Shrub		
	White Pine	5	Log/XLog	18			-				_	
35	6224 - T	Freed Bog	1	Nonstocl	ked	3.0	U	nspecified	No			
						Sub-Can	opy Species	Density	Avg. Height	Size		
							k Spruce	Medium		Sapling		
						Diadon	Coprado					
36	6128 - Lowland (		Mixed Po	oletimber	r Well		marack 94	Medium 51-80	N/A	Sapling		
	Deci	iduous				Tan 28.3	marack 94	Medium 51-80			hemlock, paper birch, red maple present. Thick tag alder in places alon with balsam fir/cedar reproduction. Stand is of special concern because	
				Detimber		Tan 28.3 Sub-Can	marack	Medium	N/A Avg. Height 10 - 20 feet	Sapling Size	hemlock, paper birch, red maple present. Thick tag alder in places alon	
	Deci Canopy Species	iduous % Cover	Size Class	DBH /		Tan 28.3 Sub-Can Red	94 95 Species	Medium 51-80 Density	Avg. Height	Sapling	hemlock, paper birch, red maple present. Thick tag alder in places alon with balsam fir/cedar reproduction. Stand is of special concern because	
	Deci Canopy Species Red Maple	iduous % Cover 10	Size Class Pole/Sapling	<b>DBH</b> / 8 8		Tan 28.3 Sub-Can Red Bals	94 95 Species 1 Maple	Medium 51-80 Density Low	Avg. Height 10 - 20 feet	Sapling Size Sapling	hemlock, paper birch, red maple present. Thick tag alder in places alon with balsam fir/cedar reproduction. Stand is of special concern because	
	Deci Canopy Species Red Maple Paper Birch	iduous           % Cover           10           15	Size Class Pole/Sapling Pole/Sap/Log	<b>DBH</b> / 8 8	Age	Tan 28.3 Sub-Can Red Bals Black	94 94 Mopy Species I Maple sam Fir	Medium 51-80 Density Low Low	<b>Avg. Height</b> 10 - 20 feet 5 - 10 feet	Sapling Size Sapling Sapling	hemlock, paper birch, red maple present. Thick tag alder in places alon with balsam fir/cedar reproduction. Stand is of special concern because	
	Deci Canopy Species Red Maple Paper Birch Black Spruce	iduous           % Cover           10           15           40	Size Class Pole/Sapling Pole/Sap/Log Pole/Sapling	DBH       8       8       8       8	Age	Tan 28.3 Sub-Can Red Bals Black Northern	94 94 95 95 96 96 97 97 97 97 97 97 97 97 97 97 97 97 97	Medium 51-80 Density Low Low Medium	<b>Avg. Height</b> 10 - 20 feet 5 - 10 feet 5 - 10 feet	Sapling Size Sapling Sapling Sapling	hemlock, paper birch, red maple present. Thick tag alder in places along with balsam fir/cedar reproduction. Stand is of special concern because it is in low ground and falls in E. Branch Fox River watershed.	
	Deci Canopy Species Red Maple Paper Birch Black Spruce thern White Cedar	iduous <b>% Cover</b> 10 15 40 20	Size Class Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sap/Log	DBH         A           8         4           8         4           8         4           8         4           8         4	Age	Tan 28.3 Sub-Can Red Bals Black Northern	94 94 Mopy Species Maple sam Fir < Spruce White Cedar	Medium 	Avg. Height           10 - 20 feet           5 - 10 feet           5 - 10 feet           10 - 20 feet	Sapling Size Sapling Sapling Sapling Pole	hemlock, paper birch, red maple present. Thick tag alder in places along with balsam fir/cedar reproduction. Stand is of special concern because it is in low ground and falls in E. Branch Fox River watershed.	
	Deci Canopy Species Red Maple Paper Birch Black Spruce thern White Cedar Tamarack	Kover           10           15           40           20           5           5	Size Class Pole/Sapling Pole/Sap/Log Pole/Sap/Log Pole/Log/Sap Log/XLog	DBH     A       8     8       8     8       8     8       10     10	Age 94	Tan 28.3 Sub-Can Red Bals Black Northern Tag	94 94 Mopy Species Maple sam Fir < Spruce White Cedar	Medium 	Avg. Height           10 - 20 feet           5 - 10 feet           5 - 10 feet           10 - 20 feet	Sapling Size Sapling Sapling Sapling Pole	Stand is a mix of red/white/jack pine, oak, aspen and red maple. Stand	
Nort 37	Deci Canopy Species Red Maple Paper Birch Black Spruce thern White Cedar Tamarack White Pine	Kover           10           15           40           20           5           5	Size Class       Pole/Sapling       Pole/Sap/Log       Pole/Sap/Log       Pole/Sap/Log       Pole/Log/Sap       Log/XLog	DBH     A       8     8       8     8       10     18	Age	Tan 28.3 Sub-Can Red Bals Black Northern ' Tag n 31.7	94 94 95 95 96 96 97 97 97 97 97 97 97 97 97 97 97 97 97	Medium SI-80 Density Low Medium Low Medium	Avg. Height           10 - 20 feet           5 - 10 feet           5 - 10 feet           10 - 20 feet           5 - 10 feet	Sapling Size Sapling Sapling Sapling Pole	hemlock, paper birch, red maple present. Thick tag alder in places alon with balsam fir/cedar reproduction. Stand is of special concern because it is in low ground and falls in E. Branch Fox River watershed. Stand is a mix of red/white/jack pine, oak, aspen and red maple. Stand is diverse with density and size classes with no real descernable age	
Nort 37	Deci Canopy Species Red Maple Paper Birch Black Spruce thern White Cedar Tamarack White Pine 42290 - Natu	Kover           10           15           40           20           5           5           ural Mixed F	Size Class       Pole/Sapling       Pole/Sap/Log       Pole/Sap/Log       Pole/Sap/Log       Pole/Sap/Log       Pole/Sap/Log       Pole/Sap/Log       Pole/Log/Sap       Log/XLog       Pine     Saw	DBH     J       8     8       8     10       18     10       18     10	Age	Tan 28.3 Sub-Can Red Bals Black Northern ' Tag 1 31.7 Sub-Can	94 94 95 94 95 96 94 99 94 97 97 97 97 97 97 97 97 97 97 97 97 97	Medium       → Density       → Low       → Low       → Medium       → Medium       → Medium       → ST-80	Avg. Height 10 - 20 feet 5 - 10 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet N/A	Sapling Size Sapling Sapling Sapling Pole Tall Shrub	hemlock, paper birch, red maple present. Thick tag alder in places alon with balsam fir/cedar reproduction. Stand is of special concern because it is in low ground and falls in E. Branch Fox River watershed. Stand is a mix of red/white/jack pine, oak, aspen and red maple. Stand	
Nort 37	Deci Canopy Species Red Maple Paper Birch Black Spruce thern White Cedar Tamarack White Pine 42290 - Natu Canopy Species	Kover           10           15           40           20           5           5	Size Class Pole/Sapling Pole/Sapling Pole/Sap/Log Pole/Log/Sap Log/XLog	DBH     //       8     8       8     8       10     1       18     1       vtimber M     0       DBH     /       10     1	Age	Tan 28.3 Sub-Can Red Bals Black Northern Tag 31.7 Sub-Can Red	Marack 94 oppy Species d Maple sam Fir < Spruce White Cedar g Alder 86 oppy Species	Medium → Pensity Low Low Medium Low Medium ↓ Low Density	Avg. Height 10 - 20 feet 5 - 10 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet N/A Avg. Height	Sapling Size Sapling Sapling Sapling Pole Tall Shrut Size	hemlock, paper birch, red maple present. Thick tag alder in places alon with balsam fir/cedar reproduction. Stand is of special concern because it is in low ground and falls in E. Branch Fox River watershed. Stand is a mix of red/white/jack pine, oak, aspen and red maple. Stand is diverse with density and size classes with no real descernable age class. Trees are gradually filliing in a stand that was more open. There	
Nort	Deci Canopy Species Red Maple Paper Birch Black Spruce thern White Cedar Tamarack White Pine 42290 - Natu Canopy Species Red Oak	iduous           % Cover           10           15           40           20           5           5           ural Mixed F           % Cover           15	Size Class Pole/Sapling Pole/Sapling Pole/Sap/Log Pole/Log/Sap Log/XLog	DBH     //       8     8       8     8       10     1       18     1       vtimber M     0       DBH     /       10     1	Age	Tan 28.3 Sub-Can Red Bals Black Northern Tag 31.7 Sub-Can Red Pape	Marack 94 oppy Species d Maple sam Fir & Spruce White Cedar g Alder 86 oppy Species d Maple	Medium       J-80       Low       Low       Medium       Low       Medium       Low       S1-80       Density       Low	Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet	Sapling Size Sapling Sapling Sapling Pole Tall Shrub Size Sapling	hemlock, paper birch, red maple present. Thick tag alder in places alon with balsam fir/cedar reproduction. Stand is of special concern because it is in low ground and falls in E. Branch Fox River watershed. Stand is a mix of red/white/jack pine, oak, aspen and red maple. Stand is diverse with density and size classes with no real descernable age class. Trees are gradually filliing in a stand that was more open. There	
Nort 37	Deci Canopy Species Red Maple Paper Birch Black Spruce thern White Cedar Tamarack White Pine 42290 - Natu Canopy Species Red Oak Bigtooth Aspen	iduous           Kover           10           15           40           20           5           s           ural Mixed F           Kover           15           10	Size Class Pole/Sapling Pole/Sap/Log Pole/Sap/Log Pole/Log/Sap Log/XLog Dine Saw Size Class Pole/Log/Sap Pole/Sapling	DBH     /       8     8       8     10       10     18       /timber N       DBH     /       10     6       12     12	Age	Tan 28.3 Sub-Can Red Bals Black Northern Tag 31.7 Sub-Can Red Pape Bigtoo	Marack 94 94 95 94 94 94 94 95 95 95 95 95 95 95 95 95 95 95 95 95	Medium       J-80       Low       Low       Medium       Low       Medium       Low       S1-80       Density       Low       Low	Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet 5 - 10 feet	Sapling Size Sapling Sapling Pole Tall Shrub Size Sapling Sapling	hemlock, paper birch, red maple present. Thick tag alder in places alor with balsam fir/cedar reproduction. Stand is of special concern because it is in low ground and falls in E. Branch Fox River watershed. Stand is a mix of red/white/jack pine, oak, aspen and red maple. Stand is diverse with density and size classes with no real descernable age class. Trees are gradually filling in a stand that was more open. There	
Nort	Deci Canopy Species Red Maple Paper Birch Black Spruce thern White Cedar Tamarack White Pine 42290 - Natur A2290 - Natur Canopy Species Red Oak Bigtooth Aspen White Pine	iduous       % Cover       10       15       40       20       5       5       inal Mixed F       % Cover       15       10       30	Size Class Pole/Sapling Pole/Sap/Log Pole/Sap/Log Pole/Log/Sap Log/XLog Size Class Pole/Log/Sap Pole/Sapling Log/Pole/Sap	DBH     /       8     /       8     /       8     /       10     /       /timber     /       DBH     /       10     /       6     /       12	Age         Image: Constraint of the second sec	Tan 28.3 Sub-Can Red Bals Black Northern ' Tag n 31.7 Sub-Can Red Pape Bigtoo Bals	Marack 94 94 95 94 94 94 94 95 95 95 95 95 95 95 95 95 95 95 95 95	Medium       Density       Low       Low       Medium       Medium       Medium       Hedium       Density       Low       Low       Medium	Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet 5 - 10 feet 10 - 20 feet	Sapling Size Sapling Sapling Pole Tall Shrut Size Sapling Sapling Sapling	hemlock, paper birch, red maple present. Thick tag alder in places alon with balsam fir/cedar reproduction. Stand is of special concern because it is in low ground and falls in E. Branch Fox River watershed. Stand is a mix of red/white/jack pine, oak, aspen and red maple. Stand is diverse with density and size classes with no real descernable age class. Trees are gradually filliing in a stand that was more open. There	
Nort 37	Deci Canopy Species Red Maple Paper Birch Black Spruce thern White Cedar Tamarack White Pine 42290 - Natur A2290 - Natur A2290 - Natur Canopy Species Red Oak Bigtooth Aspen White Pine Red Pine	iduous       % Cover       10       15       40       20       5       5       y       Mixed F       % Cover       15       10       30       40	Size Class Pole/Sapling Pole/Sap/Log Pole/Sap/Log Pole/Log/Sap Log/XLog Size Class Pole/Log/Sap Pole/Sapling Log/Pole/Sap	DBH     /       8     8       8     10       10     18       ////////////////////////////////////	Age         Image: Constraint of the second sec	Tan 28.3 Sub-Can Red Bals Black Northern ' Tag 1 31.7 Sub-Can Red Pape Bigtoo Bals Whi	Marack 94 94 95 94 94 94 94 94 94 94 94 94 94 94 94 94	Medium       Density       Low       Low       Medium       Low       Medium       Medium       Low       Medium       Low       Low	Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet 5 - 10 feet 10 - 20 feet < 5 feet	Sapling Size Sapling Sapling Pole Tall Shrut Size Sapling Sapling Sapling Sapling Sapling	hemlock, paper birch, red maple present. Thick tag alder in places alon with balsam fir/cedar reproduction. Stand is of special concern because it is in low ground and falls in E. Branch Fox River watershed. Stand is a mix of red/white/jack pine, oak, aspen and red maple. Stand is diverse with density and size classes with no real descernable age class. Trees are gradually filliing in a stand that was more open. There	

## Report 7 – Stands



A DN

Stand Level 4 C	over Type	S	ize De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
<b>38</b> 42390 - Mixed Nor	-Pine Uplan	ine Upland Conifers Pol		r Mediu	m 21.7 86 51-80		51-80	N/A		Stand falls on the edge of the plains and consists of irregular
Canopy Species	% Cover	Size Class	DBH Age		Sub-Canopy Species		Density	Avg. Height	Size	topography. Stand is a complex of narrow upland sand ridges with lowlands intermixed around and thoughout. The upland type supports
Red Maple	5	Pole/Sapling	8		Re	d Maple	Low	Variable	Sapling	red and whtie pine and spruce. The lowland types are mostly spruce wit
Paper Birch	5	Pole/Sapling	8		Bal	sam Fir	Low	5 - 10 feet	Sapling	cedar, red maple, p. birch, hemlock.
Black Spruce	50	Pole/Sapling	7	86	Blac	k Spruce	Medium	Variable	Sapling	
Northern White Cedar	15	Pole/Sapling	7		Та	g Alder	Medium	5 - 10 feet	Tall Shrub	
Tamarack	5	Pole/Log/Sap	10		Labr	ador Tea	Medium	< 5 feet	Tall Shrub	
White Pine	10	Log/XLog	18		Blueberry/Bi	lberry/Cranber	ry Low	< 5 feet	Tall Shrub	
Red Pine	5	Log/Pole	12		Lea	therleaf	Low	< 5 feet	Tall Shrub	
Hemlock	5	Log	16							
<b>39</b> 4311 - Pir	ne, Aspen M	ix S	Sapling	Poor	9.7	7	1-50	N/A		Not much conifer coming up in the stand.
39 4311 - Pir Canopy Species		ix Size Class		Poor I <b>Age</b>		7 nopy Species	1-50 Density	N/A Avg. Height	Size	
					Sub-Car	•			<b>Size</b> Sapling	Not much conifer coming up in the stand. (2015)Decent red pine stand, some utility poles quality red pine trees present.
Canopy Species	% Cover	Size Class	DBH		Sub-Car Bal	nopy Species	Density	Avg. Height		(2015)Decent red pine stand, some utility poles quality red pine trees present. (2015) - Stand was treated with TSale# 420111301 Corn Feeder JP.
Canopy Species Red Oak	<b>% Cover</b>	Size Class Pole	DBH 8		Sub-Car Bal	nopy Species sam Fir	Density Low	Avg. Height 5 - 10 feet	Sapling	(2015)Decent red pine stand, some utility poles quality red pine trees present.
Canopy Species Red Oak White Pine	% Cover           10           15	Size Class Pole Log	<b>DBH</b> 8 10	Age	Sub-Car Bal	nopy Species sam Fir	Density Low	Avg. Height 5 - 10 feet	Sapling	(2015)Decent red pine stand, some utility poles quality red pine trees present. (2015) - Stand was treated with TSale# 420111301 Corn Feeder JP.
Canopy Species Red Oak White Pine Red Pine	% Cover           10           15           20	Size Class Pole Log Log/XLog	<b>DBH</b> 8 10	Age	Sub-Car Bal	nopy Species sam Fir	Density Low	Avg. Height 5 - 10 feet	Sapling	(2015)Decent red pine stand, some utility poles quality red pine trees present. (2015) - Stand was treated with TSale# 420111301 Corn Feeder JP.
Canopy Species Red Oak White Pine Red Pine Red Pine	% Cover           10           15           20           10	Size Class Pole Log Log/XLog Sapling	<b>DBH</b> 8 10	91	Sub-Car Bal	nopy Species sam Fir	Density Low	Avg. Height 5 - 10 feet	Sapling	(2015)Decent red pine stand, some utility poles quality red pine trees present. (2015) - Stand was treated with TSale# 420111301 Corn Feeder JP.