

# **Compartment Review Presentation**

**Gladwin Forest Management Unit** 

Compartment 73106 Entry Year 2023 Acreage: 3,932

County Midland

Management Area: Midland-Isabella

Revision Date: 2021-06-01

Stand Examiner: Scott Shooltz

**Legal Description:** 

T 15N, R 01W, Sections: 9, 10, 15, 16, 17, 19, 20, 21, 22, 29, 30, 31 & 32.

T 15N, R 02W, Sections: 24, 25 & 36.

### **Identified Planning Goals:**

Identified planning goals for compartment 106 which is in the Midland-Isabella management area (MA) will provide forest products; maintain or enhance wildlife habitat; protect areas of unique character; threatened, endangered and special concern species; and provide for forest-based recreational uses. Timber management for this 10-year planning period will focus on balancing the age-class distributions for aspen and oak as well as refining the manageable land-base through site condition inventory. Wildlife habitat management objectives include perpetuating early-successional communities for species adapted to young forests for hunting and other wildlife-related recreation opportunity. Expected trends in this 10-year planning period will be the continued need to address illegal off-road vehicle use and trash dumping.

### Soil and topography:

Soil type classifications are as follows: Kingsville loamy fine sand - 37%; Pipestone - 23%; Covert sand - 18%; Kinross mucky sand - 6%; Belleville loamy sand - 5%; Selfridge loamy sand - 5%; Miscellaneous others - 6%. These soils are mostly poorly drained sands and sandy loams with scattered dry ridges with good drainage. Topography is mostly level to slightly rolling, with steep banks along the Big Salt River, Mud Creek, Bluff Creek, and Teed Drain.

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

Compartment 106 has 31.9 miles of private land interface surrounding three separate state land blocks. Ownership surrounding the compartment is comprised of small to medium sized parcels which are mostly permanent residences. Areas along 9 Mile Rd and Huckleberry Rd are the most developed. There are more medium to large sized forested parcels around the west side of the compartment which are most likely recreational properties. Five blocks of private land ranging from 40 to 160 acres and from 1 to 13 distinct tax IDs are surrounded by compartment 106 and the east end of compartment 111. All of the parcels appear to have legal access to county roads and do not rely on state forest roads.

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

There have been numerous sightings of wood turtles along the Salt River in sections 9 and 16. There are historical records of Snuffbox mussel reported in the rivers and creeks near the compartment. Also to the east are reports of Ellipse and Slippershell (mussels). To the southeast of the compartment are reports of Red-Shoulder Hawk and Bald Eagle. To the southwest there are records of Riverine Snaketail (dragonfly). In addition, there are records of Three-Awned grass located in the compartment. There are also many rare flood plain plants reported near the compartment, including Forked Aster, American Beak Grass, and Broad-Leaved Puccoon. There are also historical records of Hayden's Sedge and Carex Seorsa Sedge.

### Archeological, Historical, and Cultural Features:

There are archeological and/or cultural concerns in sections 10, 15, 21, 29, & 32.

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

Pine Haven Recreation Area is located in sections 9, 10, 15 & 16 between US - 10 and Saginaw Rd. This area is under a ten year lease to Midland County to be utilized for outdoor recreation. This area is also to be managed for old growth forests. The current lease expire March 22, 2021 with a possibility of renewal for an additional 10 years.

### **Watershed and Fisheries Considerations:**

The Mud Creek, Bluff Creek and the Big Salt River flow through the compartment. These are warm water fisheries.

#### Wildlife Habitat Considerations:

Wildlife Habitat Considerations: Compartment 106. This compartment is centrally located within Midland County and contains the Pine Haven Recreation Area maintained by the Midland County Parks and Recreation. The majority of stands are lowland cover types. Furbearers including beaver, mink, muskrat, otter, bobcat, and coyote use the lowlands as corridors as well as year-round habitat. Game species likely to be present in this compartment include black bear, wood

6/7/2021 11:13:49 AM - Page 1 of 3

duck, wild turkey, ruffed grouse and white-tailed deer. Many bird species stand to benefit from the juxtaposition of lowland and upland habitats present in the compartment. These species include gray catbird, redeyed vireo, white-breasted nuthatch, tufted titmouse, black-capped chickadees, eastern kingbirds and northern flicker. The compartment is easily accessible to hunters via Nielson Road and 9 Mile Road.

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

Surface sediments consist of Lacustrine (lake) sand and gravel. The glacial drift thickness varies between 200 and 600 feet. Beneath the

glacial drift are the Jurassic Red Beds and the Pennsylvanian Grand River and Saginaw Formations. The Saginaw Formation is used for clay/shale in other areas of the State. This area is predominantly sand, and gravel potential in the compartment is considered limited. This area is sparsely explored for oil and gas. Jerome Field, discovered in 1951, is the closest field. It has produced more than 265,648 BO from the Dundee. There has been recent oil and gas leasing of State minerals two miles to the northeast of the compartment. The Compartment is leased for oil and gas development, and most of it is also leased for nonmetallic potash. (2011 comments)

#### **Vehicle Access:**

Access to the edges of the compartment is good to fair. The compartment is surrounded by paved and graveled county roads with available places to pull off and park. Access to the interior of the compartment is good to poor. State forest roads which connect to 9 Mile Rd in sections 16 and 21 have been improved with gravel and culverts and stretch into the interior of that portion of the compartment. Limited access extends from there into sections 17 and 20. The rest of the compartment has few roads which have been improved or reach the interior of the state land block. This is because of poor soil conditions and large county drains and ditches which run along the county roads in the area. Sections 29, 30, 31, and 32 are particularly hard to access. Vehicle access with in Pine Haven Recreation Area is not permitted. State forest roads with in the compartment are mixed open and closed to ORV traffic. Roads in sections 19, 24, 25, and 30 are closed to ORV traffic. Some illegal vehicle access is occurring throughout the compartment: ORV use on roads closed to ORVs, user created roads extending from adjacent private landowners, and vehicle use extending past the end of open roads.

### **Survey Needs:**

Survey needs for the compartment are in T 15N, R 01W, Sections 19, 29, and 30. Also in T 15N, R 02W, Sections 24, 25, and 36. Survey work is required for potential forest management work and potential trespass resolution.

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

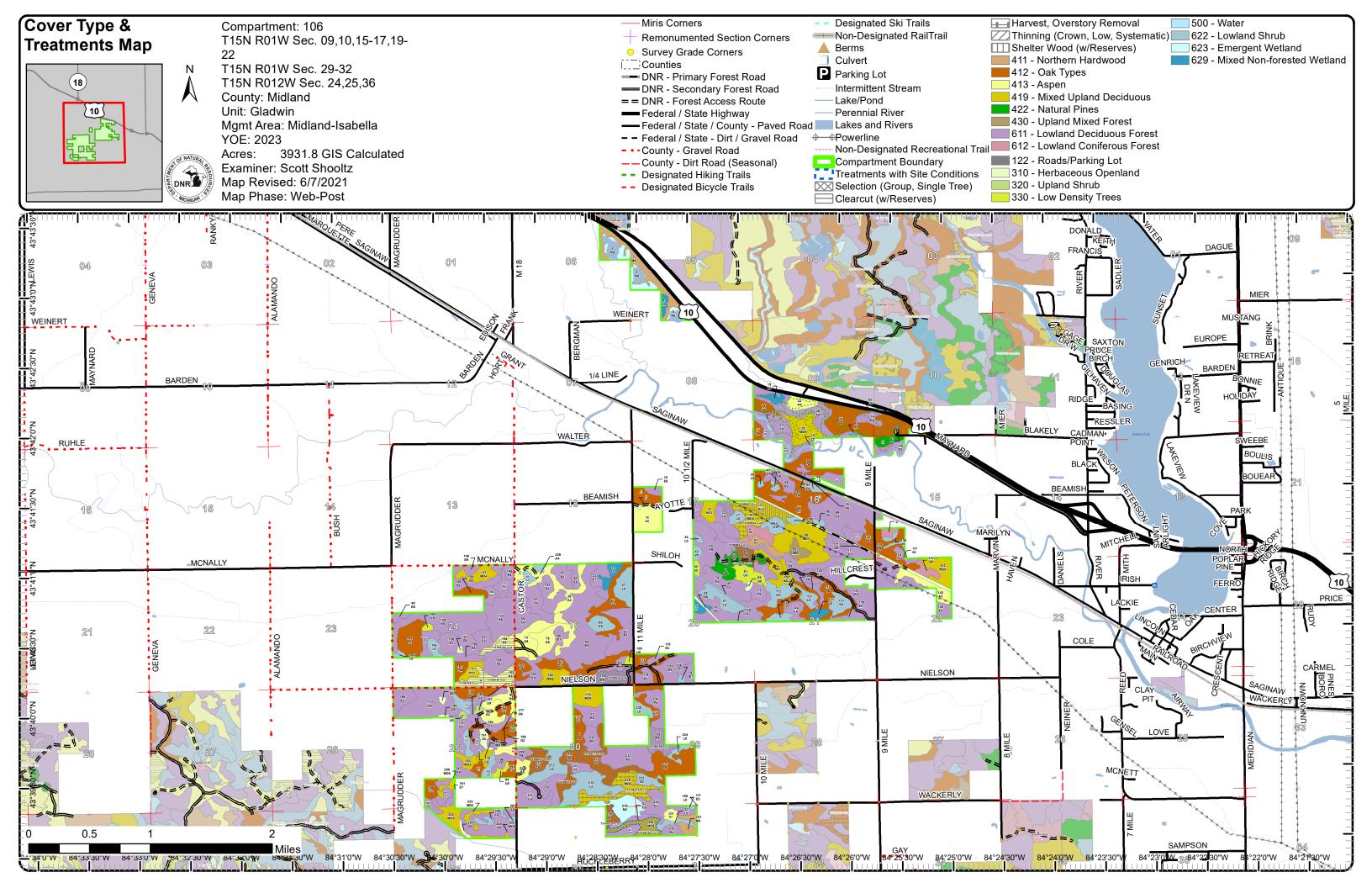
Pine Haven Recreation Area has numerous opportunities for non-motorized recreation including: hiking, mountain bike riding, cross-country skiing, fishing, and wildlife viewing. The Pere-Marquette Rail Trail (T15NR01WSec.16) runs through the compartment paralleling Saginaw Rd. This trail is paved and offers other opportunities for non-motorized recreation. Dispersed Hunting and public use of state land occurs off the various county roads or from adjacent private property owners. Much of the state forest roads are closed to ORV use.

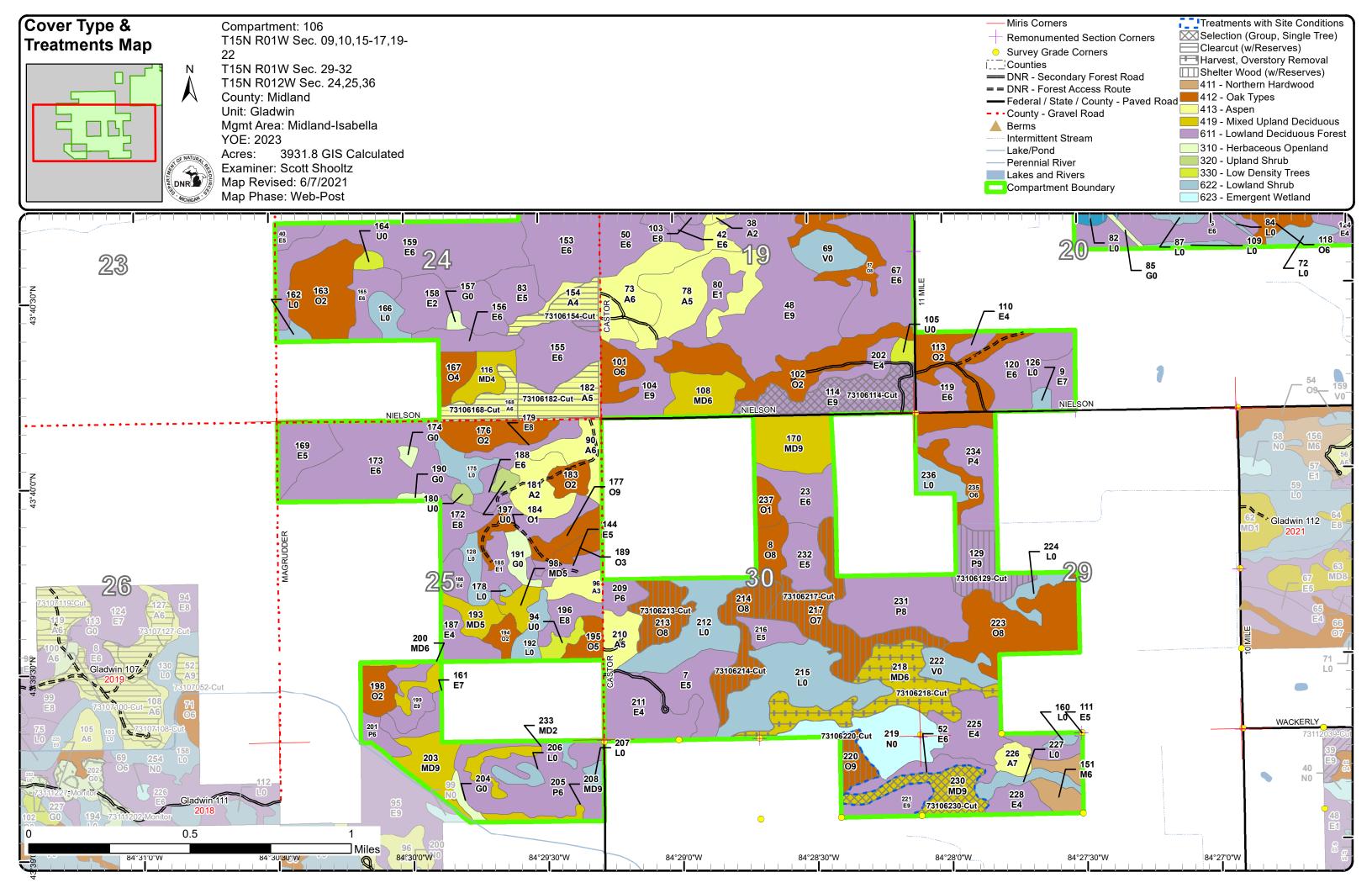
#### **Fire Protection:**

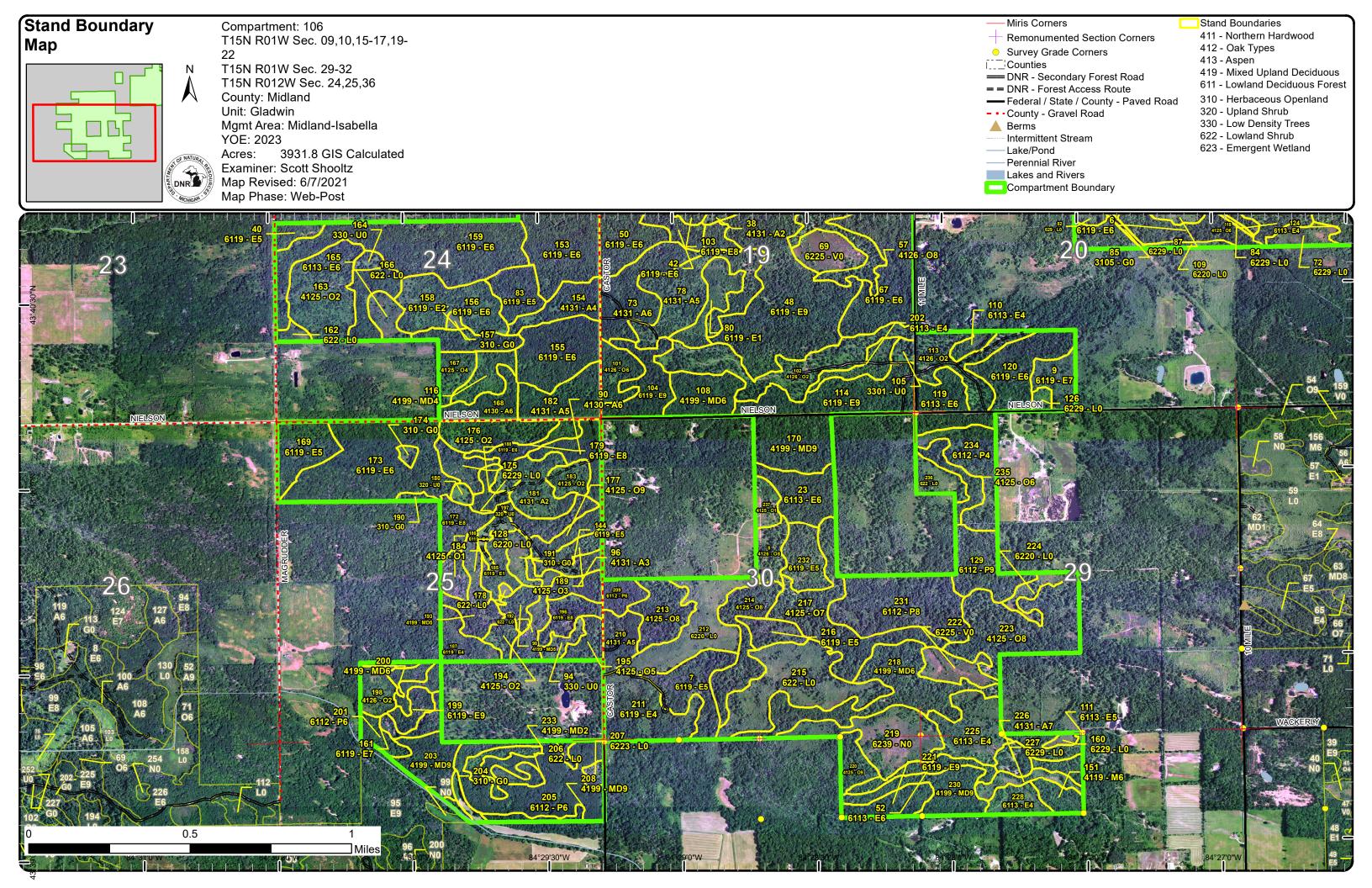
This compartment is located near the DNR Sanford Field Office and the Jerome Township Fire Department. The fuel load is mainly hardwood leaf litter and bracken fern. There are some urban interface concerns along 9 Mile, 10 1/2 Mile, and 11 Mile roads as well as in Pine Haven Recreation Area. Soils and terrain may be a problem for fire suppression because of seasonal soil wetness and steep banks adjacent to some rivers and creeks. Those same rivers and creeks, however should act as natural fuel breaks to limit fire spread. Overall, the fire concern is low to moderate for the compartment.

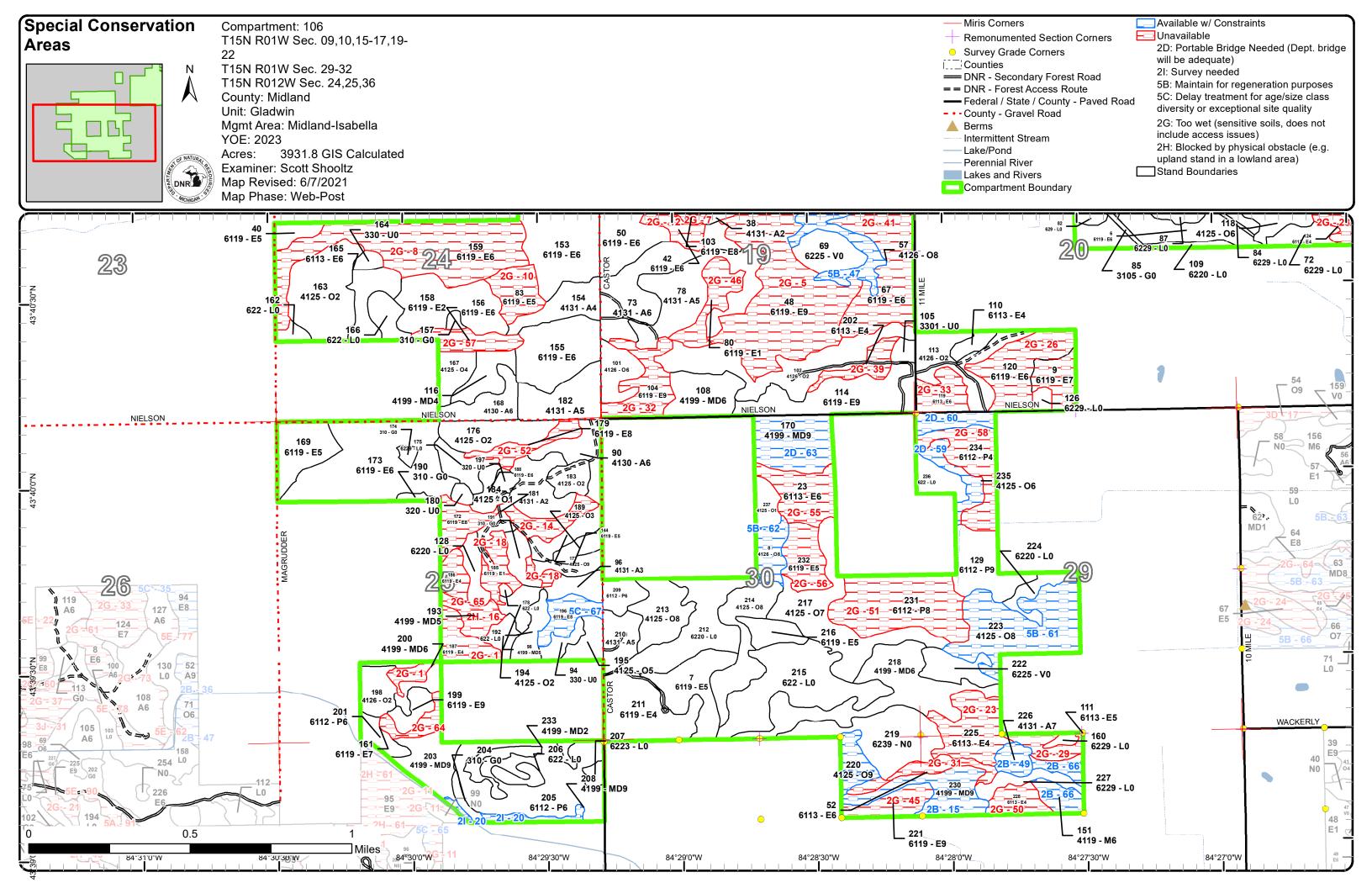
#### **Additional Compartment Information:**

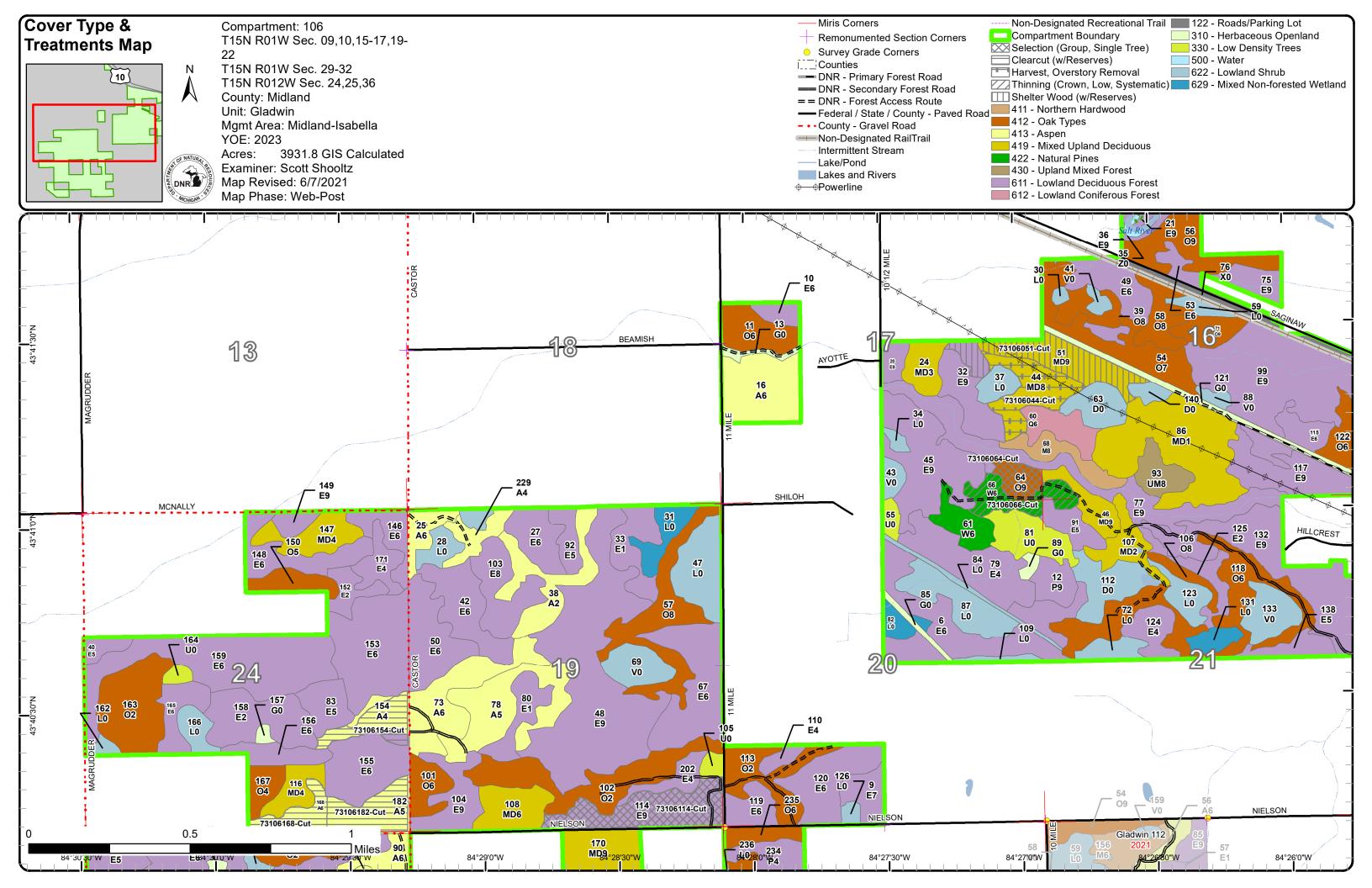
New compartment 106 is a combination of several historic compartments with in the Gladwin Management Unit.

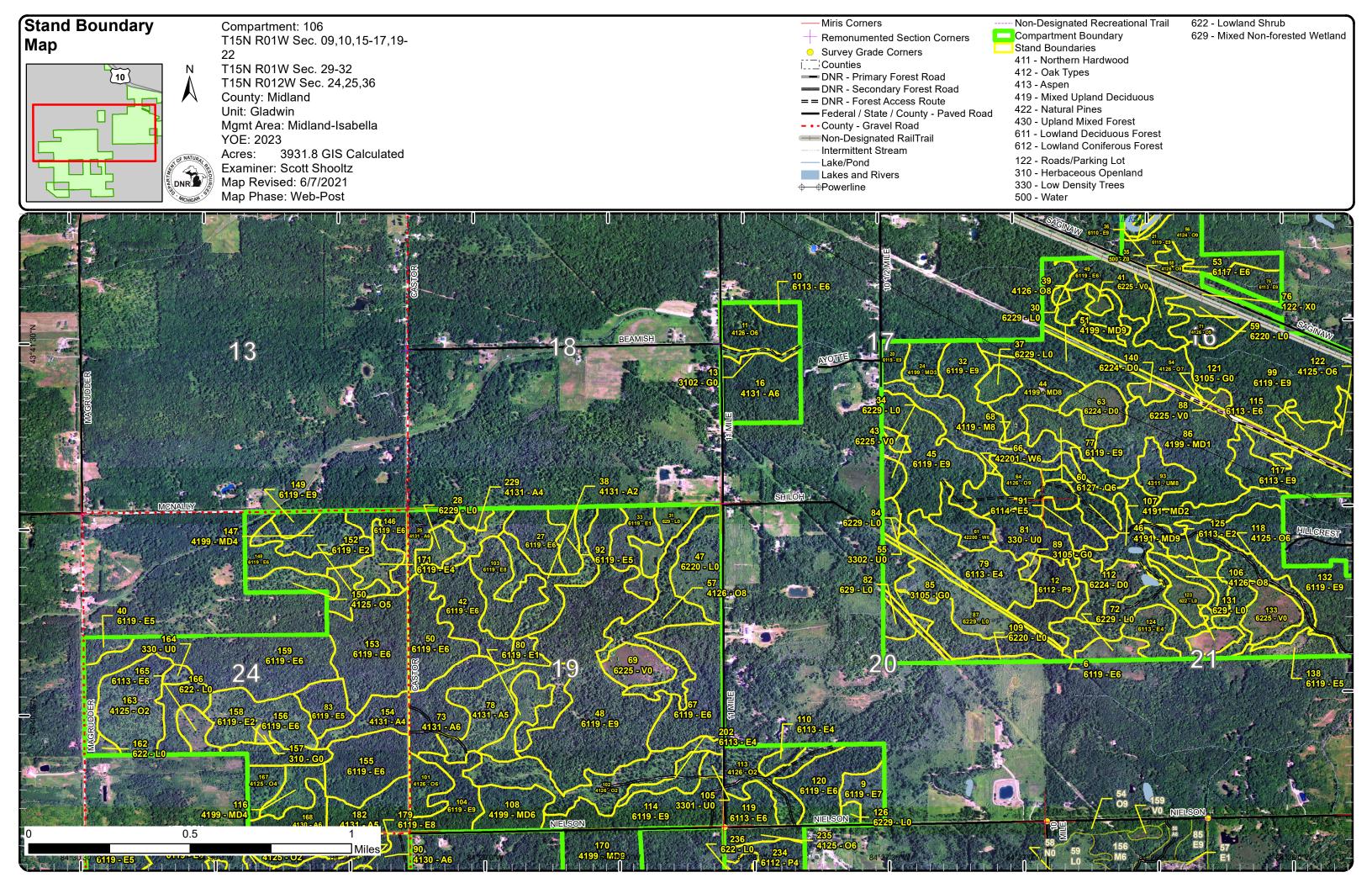


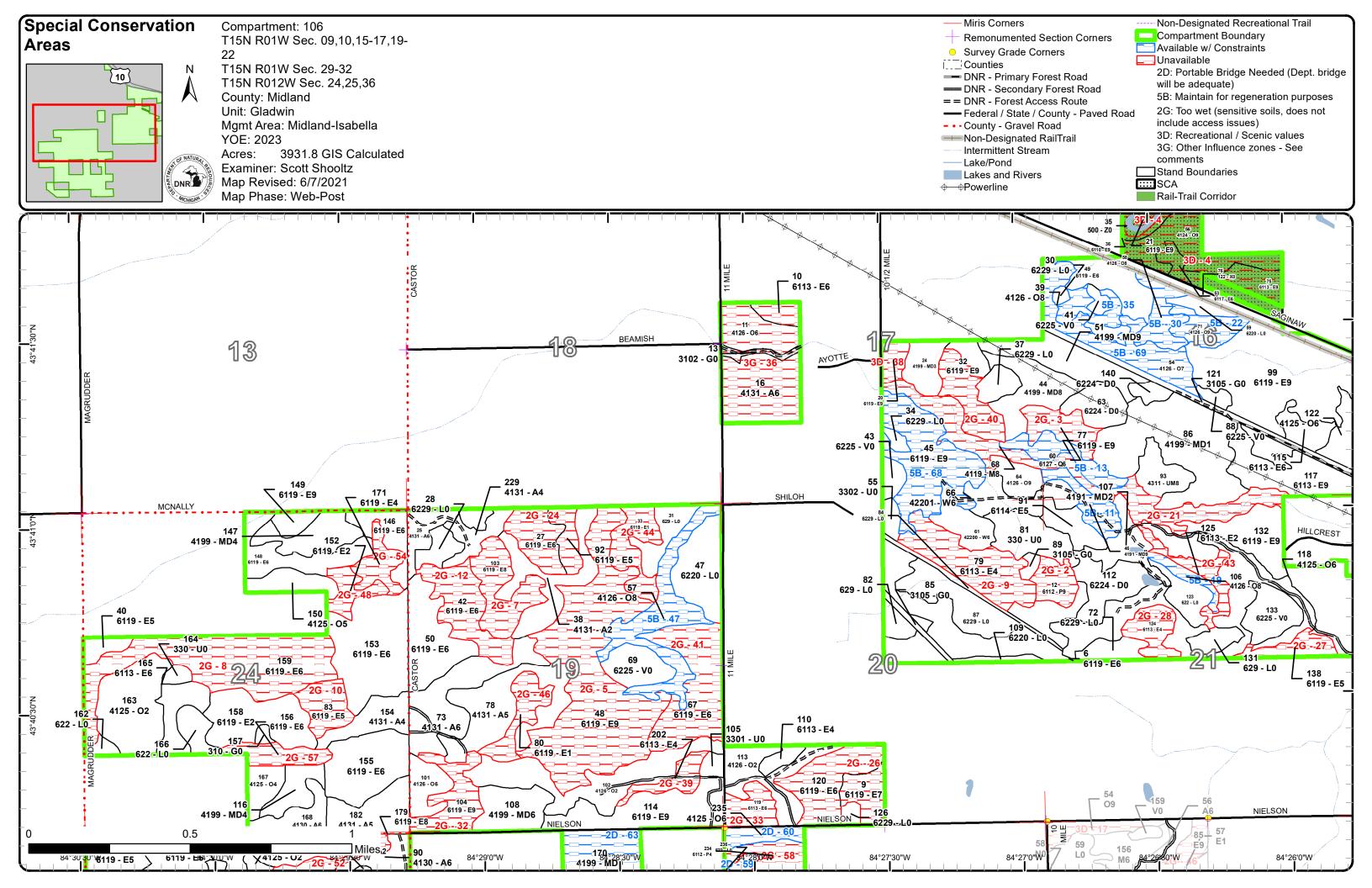


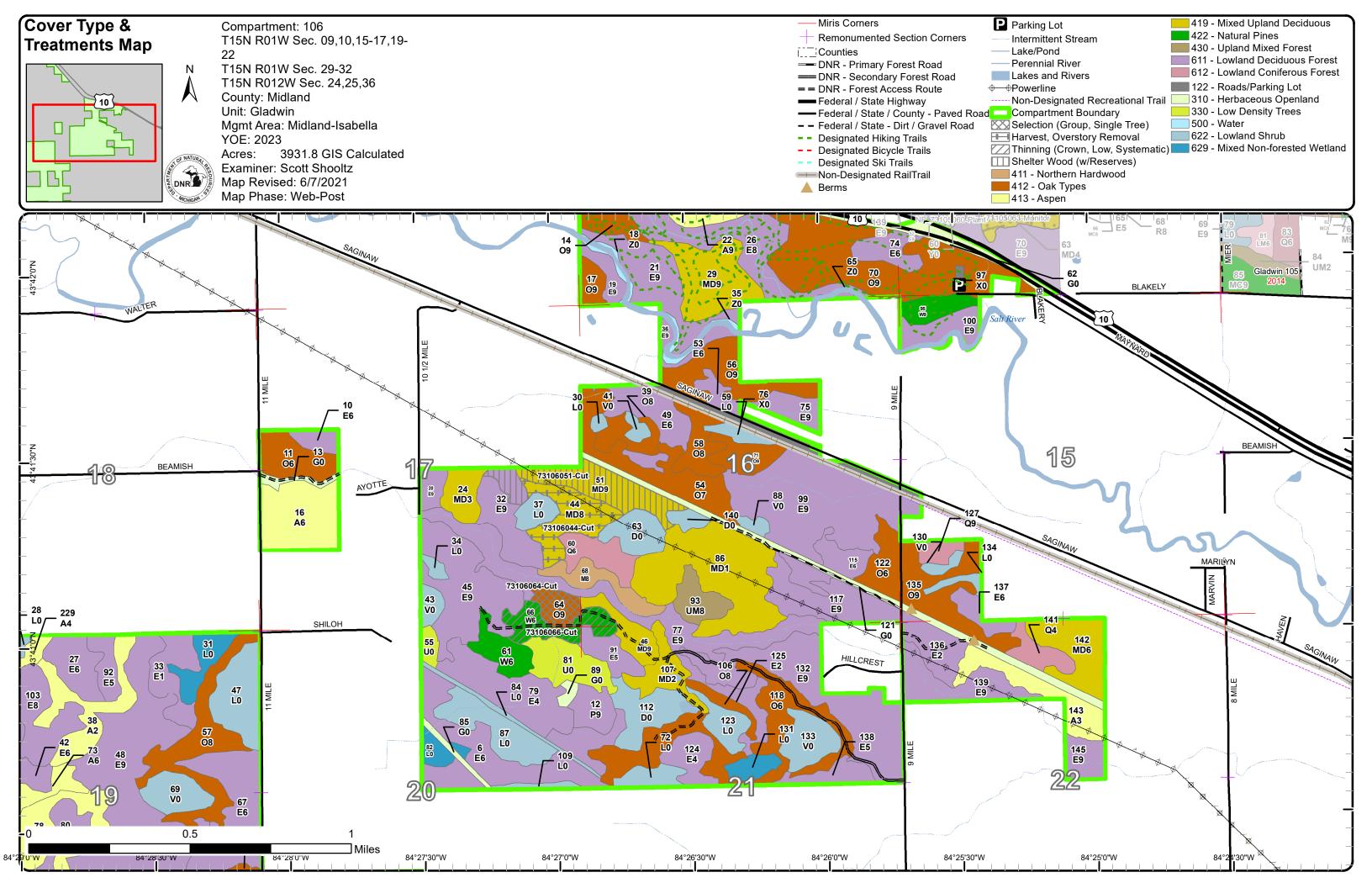


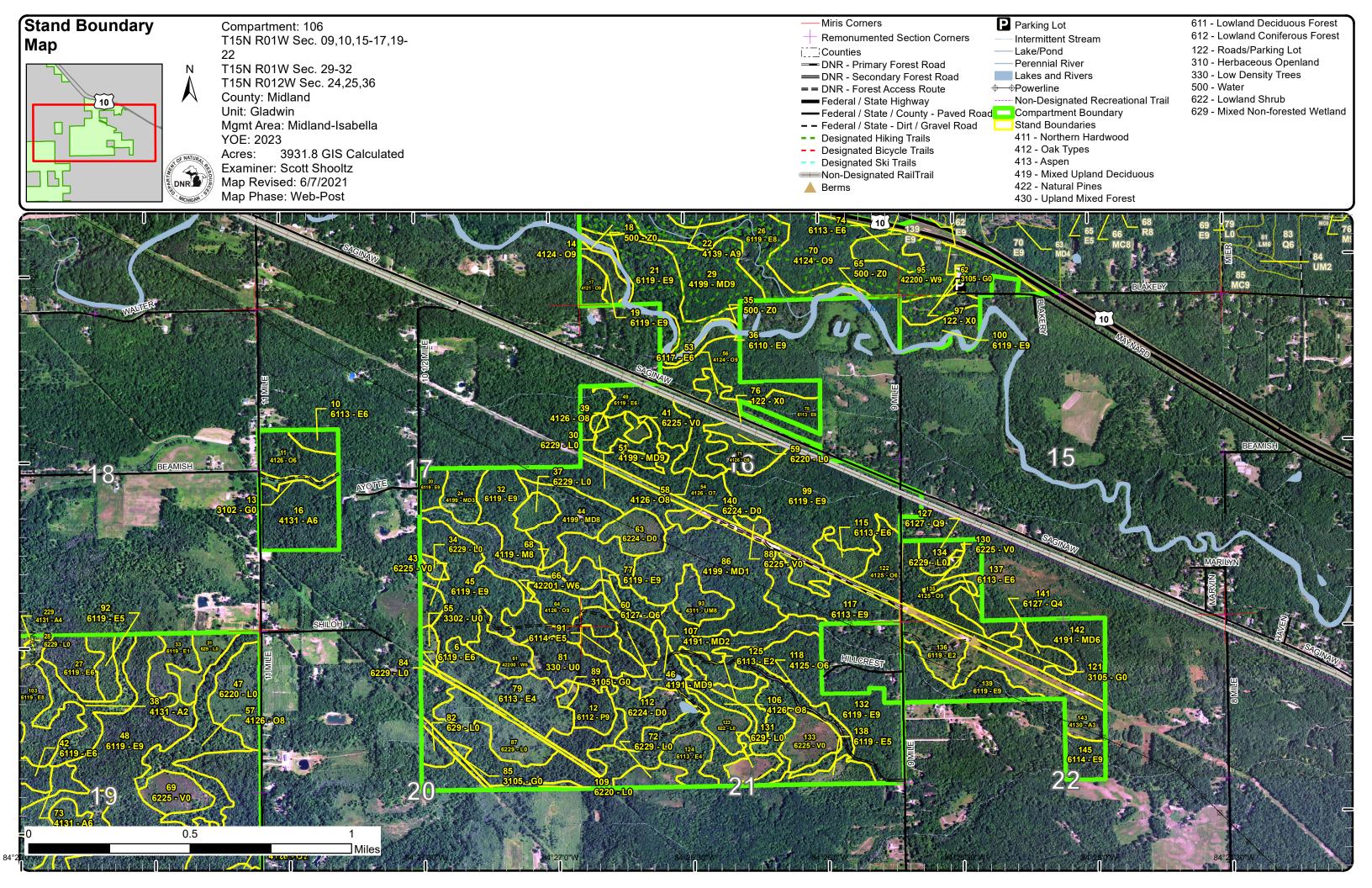


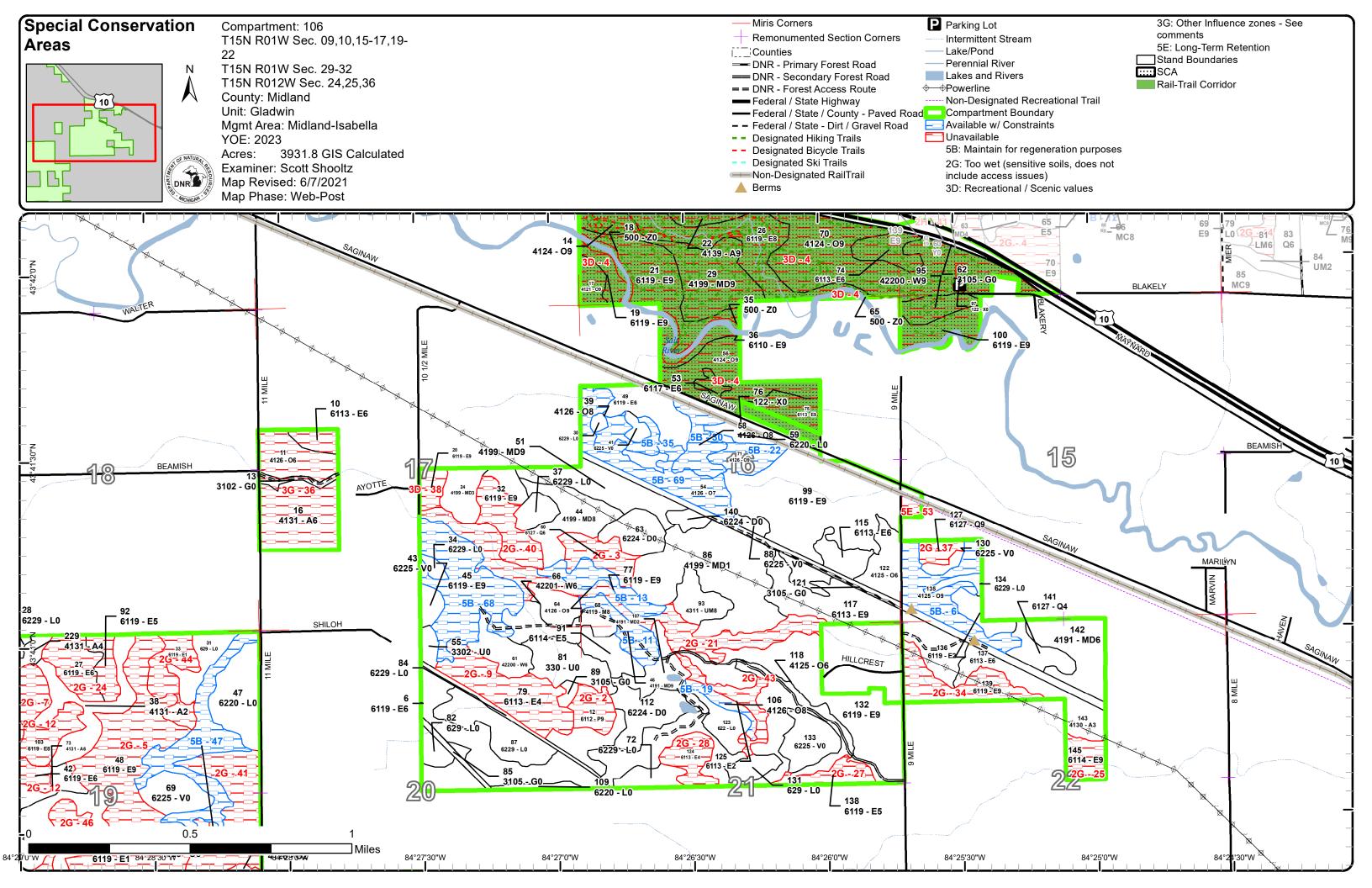


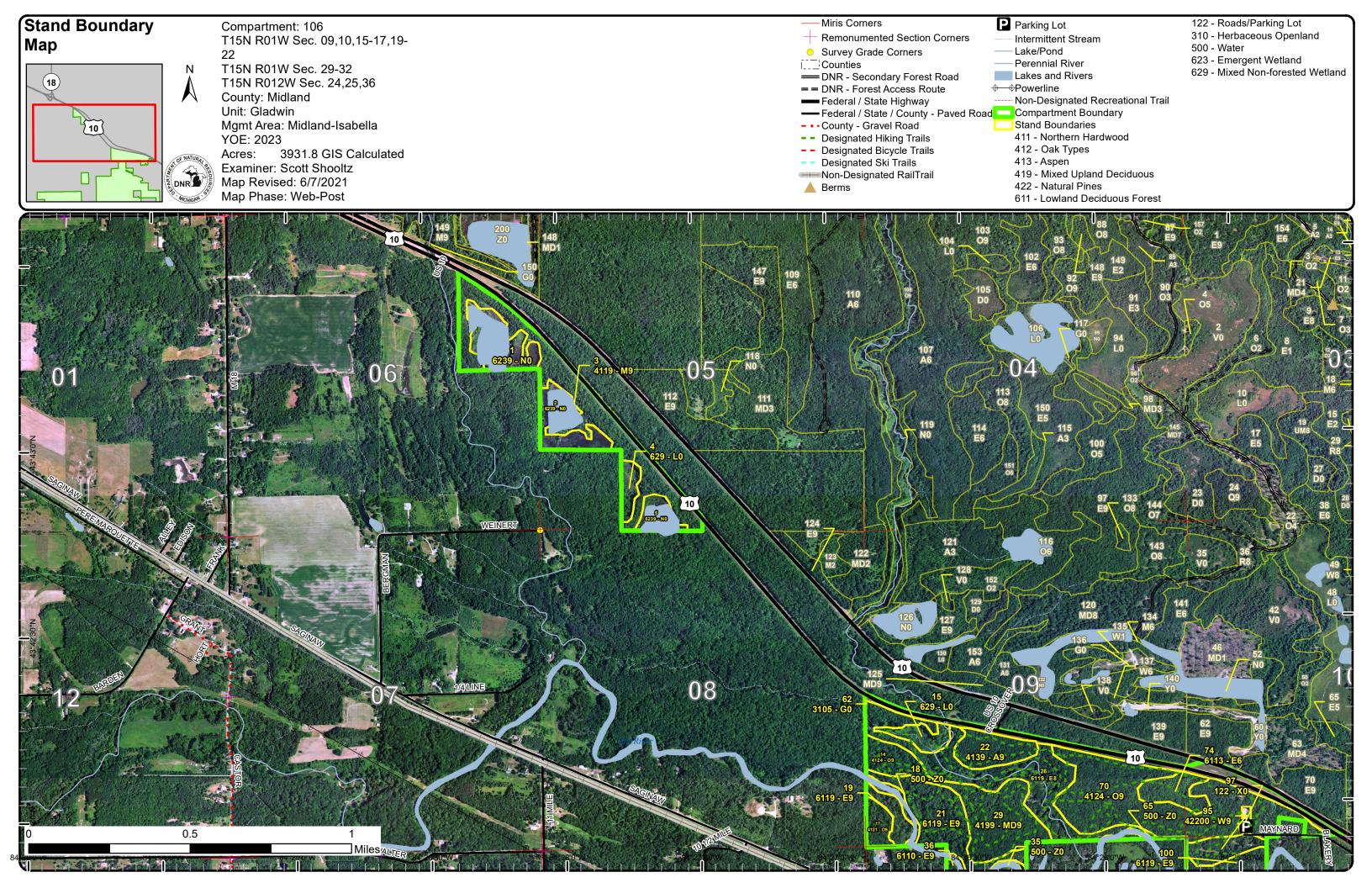


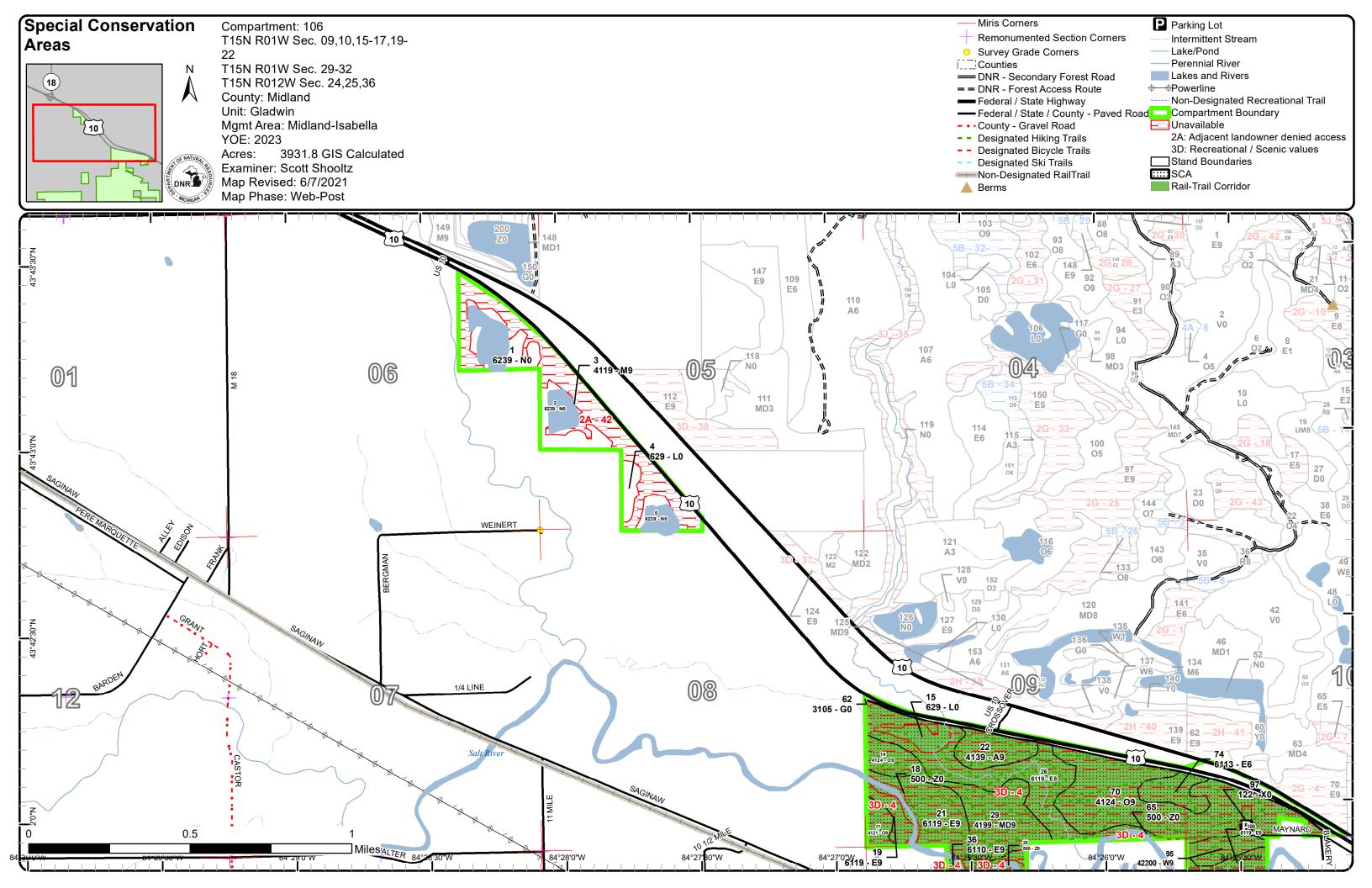


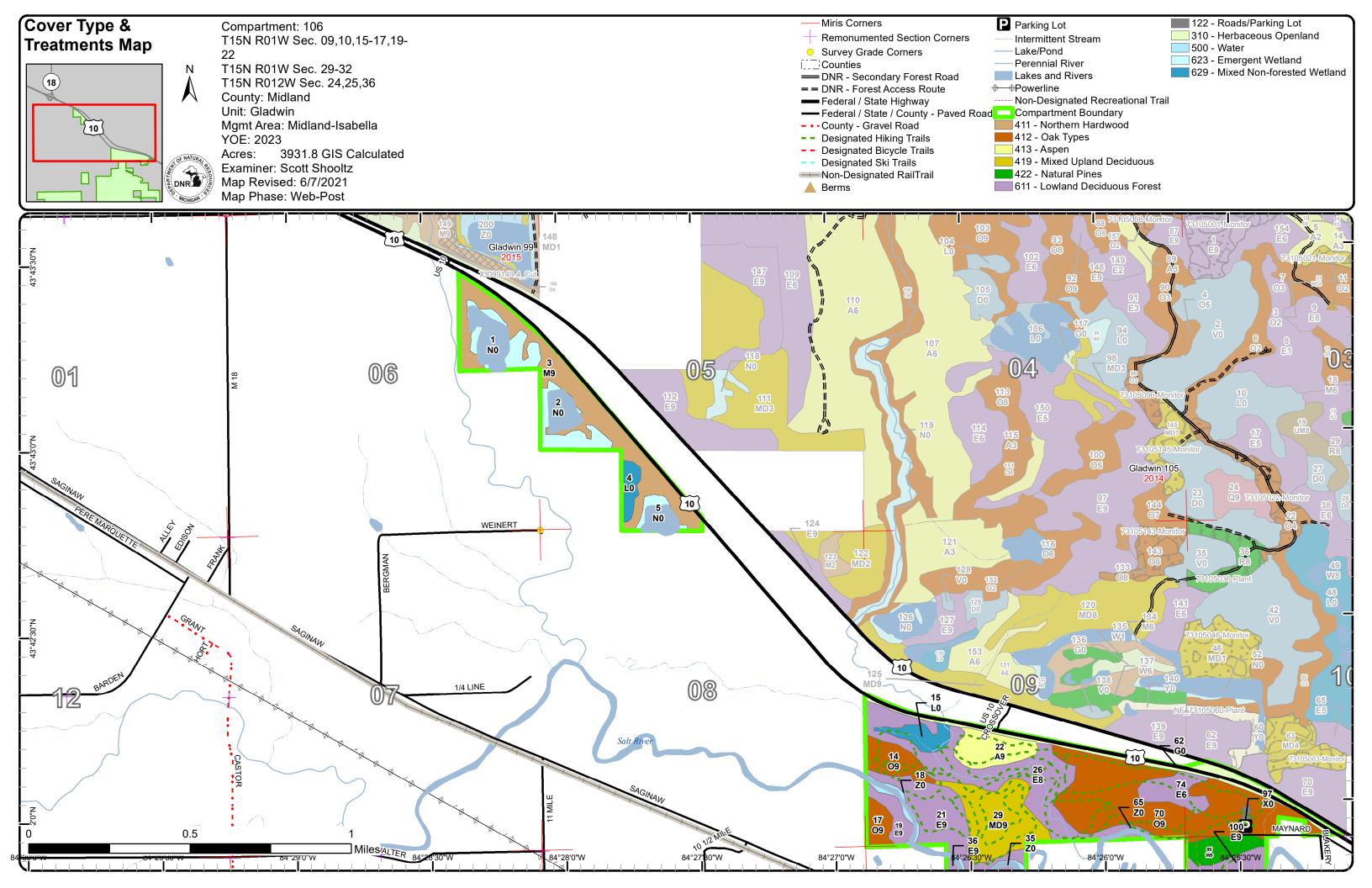












The following reports from the Inventory are attached:

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

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

Site Condition Details

Compartment 106 Year of Entry 2023

Scott Shooltz: Examiner

Gladwin Mgt. Unit



### Age Class

	₹oc.		80/8	\$ \ \phi_{\phi_{2}}	P K	3 / 12	S R	3/8	8/8	\$ \ \&			Sa Za		N S			\$ \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
Aspen	0	21	0	33	145	68	0	0	20	0	0	0	0	0	0	0	0	0	286
Bog	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53
Herbaceous Openland	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67
Low-Density Trees	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Lowland Aspen/Balsam Poplar	0	0	0	7	57	0	10	88	0	0	0	0	0	0	0	0	0	0	161
Lowland Conifers	0	0	0	0	0	10	0	19	0	0	0	0	0	0	0	0	0	0	29
Lowland Deciduous	0	15	0	40	93	212	251	167	63	21	136	67	0	0	0	0	0	583	1647
Lowland Shrub	288	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	288
Marsh	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72
Mixed Upland Deciduous	0	76	11	0	42	58	0	0	0	66	54	0	0	0	0	0	0	83	390
Northern Hardwood	0	0	0	0	0	0	0	0	0	12	13	0	0	0	0	0	0	54	79
Oak	0	0	113	109	14	0	16	17	41	27	218	31	0	0	0	0	0	117	703
Treed Bog	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36
Upland Mixed Forest	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	12
Upland Shrub	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Urban	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
Water	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
White Pine	0	0	0	0	0	0	0	16	0	0	10	0	0	0	0	0	0	12	38
Total	586	112	124	189	351	360	277	307	124	126	431	98	0	0	0	0	0	849	3931



## **Report 2 - Treatment Summary**

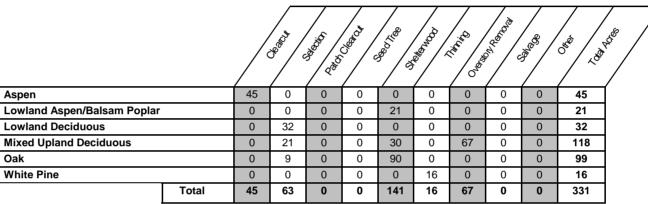
# Gladwin Mgt. Unit Year of Entry: 2023

#### **Acres of Harvest**

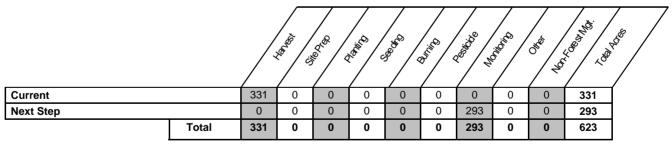
Compartment 106
Total Compartment Acres: 3,932

Commercial Harvest - 300 Harvests with Site Condition - 30 Next Step Harvest - 0 Habitat Cut - 0

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



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



Gladwin Mgt. Unit Report 3 -- Treatments Compartment: 106 S Year of Entry: 2023 t а **Treatment** Acres Stand Size Stand BA **Treatment Treatment Cover Type** Age Habitat n Method Objective Name CoverType Density Age Range Type Structure Cut d **Proposed Treatments:** 73106044-Cut 22.4 4199 - Other Mixed Sawtimber 96 51-80 Harvest Overstory 4199 - Other Two-Aged No **Upland Deciduous** Medium Removal Mixed Upland Deciduous Prescription Harvest the stand 8" and up. Mark to retain 20 BA of good formed maple, oak, and pine. Specs: Next Step Treatments: Acceptable Any mix of oak/maple/aspen meeting acceptable regeneration levels Regen: Protect regeneration during harvest. Access is from 10 1/2 Mile Rd. Other Comment: Site Condition Proposed Start Date: 10/1 /2022 73106051-Cut 29.6 4199 - Other Mixed Sawtimber 89 51-80 Harvest Shelterwood 4199 - Other Two-Aged No 51 **Upland Deciduous** Well Mixed Upland Deciduous Prescription Harvest the stand 4" and up. Retaining 40 BA of good formed oak, maple, and pine. Focus on releasing pole and sapling sized trees as well as creating canopy gaps for future regeneration. Remove wettest portions of the stand from the harvest area. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable Any mix of oak/maple/aspen meeting minimum stocking levels. Regen: Protect regeneration. Harvest acres may be significantly different than prescribed acres due to wet soils. Expand the harvest into the Other Comment: northern portion of stand 32. Best access is from 10 1/2 Mile Rd.

Site Condition

Proposed Start Date: 10/1 /2022

64 73106064-Cut 9.1 4126 - White, Sawtimber 91 81-110 Harvest Group Selection 4199 - Other Two-Aged No Black, N. Pin Oak Well Mixed Upland Deciduous

<u>Prescription</u> Mark the stand down to 70 BA. Focus on creating 100 ft. canopy gaps and releasing pole sized timber of good form. <u>Specs:</u>

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any mix of oak/maple/aspen/pine that meets minimum stocking levels. Regeneration is expected to take longer than 10 years. Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2022

S t		Gladwi	n Mgt. Unit	I	Repoi	rt 3 <sup>-</sup>	Treatments		Compartmer Year of Entr		DNR
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
66	73106066-Cut	15.7	42201 - Natural White Pine, Mixed Deciduous	Poletimbe Well	r 60	111- 140	Harvest	Crown Thinning	4220 - Natural White Pine	Even-Aged	No
Pres Spec			own to 100 BA. In	some areas	s, rows v	will need t	o be marked to	accommodate harv	est operations. I	Protect large d	liameter

Next Step Treatments:

Acceptable Regen:

Other East end is seasonally wet, harvest dry frozen.

Comment:

Site Condition

Proposed Start Date: 10/1 /2022

114 73106114-Cut 32.1 6119 - Mixed Sawtimber 94 Harvest 611 - Lowland Uneven-111-**Group Selection** No Lowland Deciduous Well 140 Deciduous Aged Forest Forest

<u>Prescription</u> Re-mark the stand. Freshen up paint. Mark additional trees on upland Knolls to create 50 -100 ft canopy gaps. Mark additional trees <u>Specs:</u> throughout the stand to ensure it is harvestable. Target BA is 70.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Pockets of maple/oak regeneration ranging from low to medium density. Will take more than 10 years to establish.

Regen:

Other Stand was marked down to 68 BA last inventory cycle. Adjust sale boundary to exclude stand 202 and include area at the corner of Nielson

Comment: and 11 Mile.

Site Condition

Proposed Start Date: 10/1 /2022

129 73106129-Cut 21.1 6112 - Lowland Sawtimber 65 81-110 Harvest Shelterwood 611 - Lowland Two-Aged No Aspen Well Deciduous Forest

<u>Prescription</u> Harvest oak and maple 10" and up. Harvest all aspen and birch. Mark to leave 20 BA of log sized oak & maple. Apply oak wilt restrictions. <u>Specs:</u> Protect advanced regeneration 4" and under. Harvest dry/frozen.

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

Treatments:

Acceptable Any mix of aspen/maple/oak/birch that meets minimum stocking levels. Aspen regeneration failure expected.

Regen:

Other Lowland crossings required. Remove wettest areas and areas with dense advanced regeneration from harvest boundary where practical.

<u>Comment:</u> Actual acres may vary significantly from proposed acres.

Site Condition

Proposed Start Date: 10/1 /2022

Compartment: 106 Year of Entry: 2023

OEPARTME	DNR BOOK
	CHIGAN

n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
154	73106154-Cut	13.9	4131 - Aspen, Oak	Poletimbe Poor	r 48	1-50	Harvest	Clearcut with Retention	4131 - Aspen, Oak	Two-Aged	No
Pres Spec			up except for oak. Proot structure.	rotect oak s	aplings	that are	4 to 2 inch. App	oly Gladwin Grouse	Specifications. H	larvest dry/froz	en to

Next Step Monitoring, Natural Regen (Re-Inventory)

**Treatments:** 

Acceptable Moderate to poorly stocked aspen/maple regeneration combined with residual oak.

Regen:

Expand the harvest into the northern portion of stand 155. Best access is to skid wood south along Castor Rd to 182 landing. Can also **Other** 

Comment: install a temporary drive at Castor Rd.

Site Condition

Proposed Start Date: 10/1 /2022

168 73106168-Cut 12.4 4130 - Aspen Poletimber 32 81-110 Harvest Clearcut with 413 - Aspen Even-Aged No Well Retention

Prescription Harvest 2" and up during dry/frozen conditions. Place retention area(s) along north edge of the stand. Apply Gladwin Grouse Specifications. Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Fully to moderately stocked aspen mixed with other hardwoods.

Regen:

Other Access driveway at Nielson was washed out during inventory. Early harvest of aspen to increase contiguous cut area. This will increase

marketability of the aspen and help with deer browse concerns. Comment:

Site Condition

Proposed Start Date: 10/1 /2022

182 73106182-Cut Clearcut with 18.7 4131 - Aspen, Oak Poletimber 48 51-80 Harvest 413 - Aspen Even-Aged No Retention

Prescription Harvest 2" and up during dry/frozen conditions. Place retention area(s) along north edge of the stand where site quality is lowest. Apply

Specs: Gladwin Grouse Specifications.

Next Step Monitoring, Natural Regen (Re-Inventory)

**Treatments:** 

Acceptable Fully to moderately stocked aspen stand with mixed hardwood.

Regen:

Access to the stand is from the SW in stand 168. Culvert was washed out at time of harvest. Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2022

213 73106213-Cut 18.2 4125 - Black, N. Pin Sawtimber 51-80 Harvest 89 Shelterwood 412 - Oak Types Even-Aged No

Prescription Harvest oak and maple 10" and up. Harvest all aspen and birch. Mark to leave 20 BA of oak. Apply oak wilt restrictions. Protect advanced

regeneration 4" and under. Harvest dry/frozen. Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any mix of oak/maple/aspen that meets minimum stocking levels.

Regen:

Other Remove wettest areas from treatment. Actual acres may vary significantly from proposed acres.

Comment:

Site Condition

Proposed Start Date: 10/1 /2022

Report 3 -- Treatments

OEPARTME	DNR PO
/	MICHIGAN

Compartment: 106

Year of Entry: 2023

t 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
214	73106214-Cut	23.2 41	125 - Black, N. Pin Oak	Sawtimbe Medium	r 94	1-50	Harvest	Shelterwood	412 - Oak Types	Two-Aged	No

Harvest oak and maple 10" and up. Remove all aspen and birch. Mark to leave 20 BA of log sized oak. Dry/frozen harvest only. Apply oak Prescription wilt restrictions. Protect regeneration 4" and under. Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any mix of oak/aspen/maple/birch that meets minimum stocking levels.

Regen:

New road building required. Three small ditch crossings required. Crane mats will work or temporary culvert. No DEGLE permit required; <u>Other</u> Comment: ditches equalize adjacent wetlands. Actual acres may vary significantly from proposed acres.

Site Condition

Proposed Start Date: 10/1 /2022

217 73106217-Cut 39.4 4125 - Black, N. Pin Sawtimber 94 1-50 Harvest Shelterwood 412 - Oak Types Two-Aged No

Prescription Harvest oak and maple 10" and up. Harvest all aspen and birch. Mark to leave 20 BA of log sized oak. Apply oak wilt restrictions. Protect Specs: advanced regeneration 4" and under. Harvest dry/frozen.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any mix of oak/maple/birch/aspen meeting minimum regeneration standards.

Regen:

Other Lowland crossings required. Remove wettest areas and areas with dense advanced regeneration from harvest boundary where practical.

Actual acres may vary significantly from proposed acres. Comment:

Site Condition

Proposed Start Date: 10/1 /2022

218 73106218-Cut 44.4 4199 - Other Mixed Poletimber 4199 - Other 84 51-80 Harvest Overstory Two-Aged No **Upland Deciduous** Well Removal Mixed Upland Deciduous

Prescription Harvest oak and maple 10" and up. Harvest all aspen and birch. Apply oak wilt restrictions. Protect advanced regeneration 4" and under. Specs: Harvest dry/frozen.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments

Acceptable Any mix of oak/maple/aspen that meets minimum stocking levels.

Regen:

Other Mark one log sized white oak per acre to leave. Remove wettest areas from treatment boundary. Actual acres may vary significantly from

Comment: proposed acres.

Site Condition

Proposed Start Date: 10/1 /2022

220 73106220-Cut 9.0 4125 - Black, N. Pin Sawtimber 84 51-80 Harvest Shelterwood 412 - Oak Types Two-Aged No Oak Well

Prescription Harvest 4" and up. Mark to leave 40 BA of oak and maple. Harvest dry/frozen. Apply oak wilt restrictions.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

**Treatments:** 

Acceptable Any mix of oak/maple/aspen meeting minimum stocking levels.

Regen:

Private land access is the best option. Crossing stand 219 at narrowest location during dry/frozen conditions is also possible. Actual **Other** 

harvest acres may vary significantly from proposed acres.

Site Condition Unknown Access Proposed Start Date: 10/1 /2022

Gladwin Mgt. Unit Report 3 -- Treatments Compartment: 106 S Year of Entry: 2023 t а **Treatment Treatment Treatment Cover Type** Acres Stand Size Stand BA Age Habitat n Method Objective Structure Name Density Age CoverType Range Type Cut d 73106230-Cut 21.4 4199 - Other Mixed Sawtimber 81-110 Harvest **Group Selection** 4199 - Other Two-Aged No Mixed Upland **Upland Deciduous** Well Deciduous Prescription Harvest all aspen. Mark to cut other operational trees as necessary to provide access. Average residual BA should be 70 sq ft. Specs: Monitoring, Natural Regen (Re-Inventory) Next Step Treatments: Acceptable Scattered aspen/oak/maple regeneration pockets of various sizes. Regen: **Other** Private land access is the best option. Crossing stand 219 at narrowest location during dry/frozen conditions is also possible. Actual harvest acres may vary significantly from proposed acres. Comment:

Total Treatment Acreage Proposed: 330.6

<u>Site Condition</u> Unknown Access <u>Proposed Start Date:</u> 10/1 /2022

Compartment: 106

Gladwin Mgt. Unit

Scott Shooltz : Examiner Year of Entry: 2023

Availa	ability for	Managemer	nt												
Total	Acres	Acres Avail	Acres	D	omina	nt Site	e Con	ditions	S						
Acres	Available	With Condition	Not Available		2B	2D	21	5B	5C	2A	2G	2H	3D	3G	5E
287	234	6	47	Aspen	6						0		14	33	
53	53	0	0	Bog											
67	63	0	3	Herbaceous Openland									0	3	
33	33	0	0	Low-Density Trees											
162	85	0	78	Lowland Aspen/Balsam Poplar							78				
29	9	0	19	Lowland Conifers							19				
1646	670	55	920	Lowland Deciduous				45	10		773		139	6	2
288	288	0	0	Lowland Shrub											
72	72	0	0	Marsh											
391	286	65	40	Mixed Upland Deciduous	21	26	6	11				9	31		
79	0	25	54	Northern Hardwood	12			13		54					
703	355	214	134	Oak	9	17		188			0		117	17	
36	36	0	0	Treed Bog											
12	12	0	0	Upland Mixed Forest											
5	5	0	0	Upland Shrub											
20	20	0	0	Urban											
10	10	0	0	Water											
38	28	0	10	White Pine									10		
3,931	2,261	365	1,305	Total Forested Acres	49	43	6	257	10	54	870	9	311	59	2
	58%	9%	33%	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.

	ominant Site ond Availability	<b>Dominant Site Condition</b>	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	16	Unspecified	Unspecified	Unspecified	Unspecified
Coı	mments:						

Gladwin Mgt. Unit

Scott Shooltz: Examiner

2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
4	Unavailable	3D: Recreational / Scenic values	305	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	109	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
6	Available	5B: Maintain for regeneration purposes	28	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	23	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

Gladwin Mgt. Unit
Scott Shooltz: Examiner

8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	68	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	34	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
11	Available	5B: Maintain for regeneration purposes	11	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	25	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
13	Available	5B: Maintain for regeneration purposes	13	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						

Gladwin Mgt. Unit

Scott Shooltz: Examiner

14	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	22	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
15	Available	2B: Unknown if access through adjacent landowner(s) is possible	21	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
16	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	9	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Active beaver flood	ing in the east end.					
17	Available	2B: Unknown if access through adjacent landowner(s) is possible	9	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
18	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	12	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
19	Available	5B: Maintain for regeneration purposes	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

Gladwin Mgt. Unit

Scott Shooltz : Examiner

20	Available	2I: Survey needed	6	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
21	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	45	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
22	Available	5B: Maintain for regeneration purposes	12	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
23	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	24	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
24	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	24	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						

Gladwin Mgt. Unit

Scott Shooltz: Examiner

26	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	38	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
27	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
28	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	12	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
29	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
30	Available	5B: Maintain for regeneration purposes	13	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
31	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						

Gladwin Mgt. Unit
Scott Shooltz: Examiner

32	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	19	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
33	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	12	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
34	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	23	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
35	Available	5B: Maintain for regeneration purposes	9	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
36	Unavailable	3G: Other Influence zones - See comments	59	Unspecified	Unspecified	Unspecified	Unspecified
5	Comments: Stand will be placed was not completed.	into public auction August 202	1. Stan	ds within this area were p	rescribed and sold under a	timber sale contract during	the last YOE. Contract
37	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						

Gladwin Mgt. Unit

Scott Shooltz: Examiner

38	Unavailable	3D: Recreational / Scenic values	6	Unspecified	Unspecified	Unspecified	Unspecified	
C	Comments:							
39	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified	
C	Comments:							
40	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	18	Unspecified	Unspecified	Unspecified	Unspecified	
C	Comments:							
41	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	40	Unspecified	Unspecified	Unspecified	Unspecified	
C	Comments:							
42	Unavailable	2A: Adjacent landowner denied access	54	Unspecified	Unspecified	Unspecified	Unspecified	
C	Comments:							
43	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified	
C	Comments:							

Gladwin Mgt. Unit Scott Shooltz: Examiner

44	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	17	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
45	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	12	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
46	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
47	Available	5B: Maintain for regeneration purposes	35	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
48	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
49	Available	2B: Unknown if access through adjacent landowner(s) is possible	6	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						

Gladwin Mgt. Unit

Scott Shooltz: Examiner

50	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
С	comments:						
51	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	44	Unspecified	Unspecified	Unspecified	Unspecified
С	Comments:						
52	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
С	Comments:						
53	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
С	comments:						
54	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
С	comments:						
55	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	20	Unspecified	Unspecified	Unspecified	Unspecified
С	comments:						

Gladwin Mgt. Unit Scott Shooltz: Examiner

56	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	15	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
57	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
58	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	23	2D: Portable Bridge Needed (Dept. bridge will be adequate)	Unspecified	Unspecified	Unspecified
(	Comments:						
59	Available	2D: Portable Bridge Needed (Dept. bridge will be adequate)	9	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
1	Access is difficult.	Large culvert install at Nielson t	hen a 2	200 ft composite mat crossin	g over a wetland or two b	ridge installs and miles of	road work from the west.
60	Available	2D: Portable Bridge Needed (Dept. bridge will be adequate)	8	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Large culvert insta	ll required at Nielson Rd. May n	eed a [	DEGLE permit.			

Gladwin Mgt. Unit

Scott Shooltz : Examiner

61	Available	5B: Maintain for regeneration purposes	46	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Regeneration has a can be obtained.	a high risk of failure in this stand.	Cano	ppy is currently between 50%	and 75% and regenerat	on is minimal. Carry the ca	anopy until regeneration
62	Available	5B: Maintain for regeneration purposes	10	2D: Portable Bridge Needed (Dept. bridge will be adequate)	Unspecified	Unspecified	Unspecified
		ntion under a very open canopy. ainage from the south. Crane m			arge culvert or portable b	ridge needed at Neilson Ro	d. Portable bridge
63	Available	2D: Portable Bridge Needed (Dept. bridge will be adequate)	26	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Large culvert or por	rtable bridge needed at Neilson I	₹d.				
64	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
65	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

Compartment: 106

Gladwin Mgt. Unit

Scott Shooltz : Examiner Year of Entry: 2023

66	Available	2B: Unknown if access through adjacent landowner(s) is possible	12	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
67	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
68	Available	5B: Maintain for regeneration purposes	45	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
69	Available	5B: Maintain for regeneration purposes	31	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Pine Haven Recreation Area	Concentrated Recreation Area	Rail-Trail Corridor	Error	331
	a is under 10 - year lease to Midlan		orized recreation area. That le	ease will
Pine Haven Recreation	Contiguous Resource Area	Contiguous Resource Area	Error	331
Area Comments				
	a is under 10 - year lease to Midlan spected to be renewed by Midland C		orized recreation area. That le	ease will

Mgt. Unit Compartment:
Year of Entry

## 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 Type Description
Area

ERA = Ecological Reference Area

HCVA = High Conservation Value Area

SCA = Special Conservation Area



Stand	Level 4 Co	over Type	Si	ze De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
1	6239 - Mixed E	mergent W	etland N	lonsto	cked	17.7			No		2023 YOE Comments: Remote called due to lack of access. Listed as edge call to preserve data.
											The stand is heavy to cattails and marsh grass. There is an area of open water, for the stand is an old barrow pit.
2	6239 - Mixed E	mergent W	/etland N	lonsto	cked	15.2			No		2023 YOE Comments: Remote called due to lack of access. Listed as edge call to preserve data.
											The stand is an old barrow pit that is now heavy to cattails with some shrubs. There is some open water present in the stand.
3	4119 - Mixed No	rthern Har	dwoods Sa	wtimbe	er Well	54.2	96	81-110	N/A		2023 YOE Comments: Remote called due to lack of access. Listed as
C	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	edge call to preserve data.
	Red Maple	60	Pole/Sap/Log	10	96	Red	d Maple	High	Variable	Sapling	The stand is land locked by private land and US-10. The terrain is
	Red Oak	15	Log/Pole	15		Deciduo	ous Saplings	Low	Variable	Sapling	undulating. It is a matrix of uplands and lowlands with the uplands being
	White Oak	15	Log/Pole/XLog	13		Decidu	ous Shrubs	Medium	Variable	Tall Shrub	the majority. The stand surrounds old barrow pits.
	Green Ash	10	Pole/Log/Sap	9				,		,	
4	629 - Mixed non	n-forested v	wetland N	lonsto	cked	5.6			No		2023 YOE Comments: Remote called due to lack of access. Listed as edge call to preserve data.
											The stand is an old barrow pit. It is now filled in with cattails and lowland shrubs.
5	6239 - Mixed E	mergent W	/etland N	lonsto	cked	7.1			No		·
5	6239 - Mixed E	mergent W	/etland N	lonsto	cked	7.1			No		shrubs.  2023 YOE Comments: Remote called due to lack of access. Listed as
5	6119 - Mixed Lo			letimbe	er Well	7.1 52.7	54	51-80	No N/A		shrubs.  2023 YOE Comments: Remote called due to lack of access. Listed as edge call to preserve data.  The stand is an old barrow pit. It is filling in with cattails and some lowland shrubs. There is some open water in the stand.  Topography goes from low swale to upland ridge. Low areas go from wet to very wet, however, most of the stand is harvestable. Several man
6	6119 - Mixed Lo	wland Dec	ciduous Pol	letimbe		52.7	54 nopy Species			Size	shrubs.  2023 YOE Comments: Remote called due to lack of access. Listed as edge call to preserve data.  The stand is an old barrow pit. It is filling in with cattails and some lowland shrubs. There is some open water in the stand.  Topography goes from low swale to upland ridge. Low areas go from wet to very wet, however, most of the stand is harvestable. Several man made ditches bisect the stand. Stand was harvested in the late 1960's. It appears trees 4 inches and up were harvested in addition scattered
6	6119 - Mixed Lo Fo	wland Dec	ciduous Pol	letimbe	er Well	52.7 <b>Sub-Car</b>			N/A	Size Tall Shrub	shrubs.  2023 YOE Comments: Remote called due to lack of access. Listed as edge call to preserve data.  The stand is an old barrow pit. It is filling in with cattails and some lowland shrubs. There is some open water in the stand.  Topography goes from low swale to upland ridge. Low areas go from wet to very wet, however, most of the stand is harvestable. Several man made ditches bisect the stand. Stand was harvested in the late 1960's. It appears trees 4 inches and up were harvested in addition scattered larger diameter trees were also left. Aspen is scattered throughout the
6	6119 - Mixed Lo Fo Canopy Species	wland Dec orest % Cover	ciduous Pol	letimbe DBH	er Well	52.7  Sub-Car  Decidu	nopy Species	Density	N/A Avg. Height		shrubs.  2023 YOE Comments: Remote called due to lack of access. Listed as edge call to preserve data.  The stand is an old barrow pit. It is filling in with cattails and some lowland shrubs. There is some open water in the stand.  Topography goes from low swale to upland ridge. Low areas go from wet to very wet, however, most of the stand is harvestable. Several man made ditches bisect the stand. Stand was harvested in the late 1960's. It appears trees 4 inches and up were harvested in addition scattered
6	6119 - Mixed Lo Fo Canopy Species Red Maple	wland Decorest  Cover	ciduous Pol Size Class Pole/Log/Sap	DBH 8	er Well	52.7  Sub-Car  Decidu	nopy Species ous Shrubs	<b>Density</b> High	N/A  Avg. Height  Variable	Tall Shrub	shrubs.  2023 YOE Comments: Remote called due to lack of access. Listed as edge call to preserve data.  The stand is an old barrow pit. It is filling in with cattails and some lowland shrubs. There is some open water in the stand.  Topography goes from low swale to upland ridge. Low areas go from wet to very wet, however, most of the stand is harvestable. Several man made ditches bisect the stand. Stand was harvested in the late 1960's. It appears trees 4 inches and up were harvested in addition scattered larger diameter trees were also left. Aspen is scattered throughout the
6	6119 - Mixed Lo Fo Canopy Species Red Maple White Oak Quaking Aspen	wland Decorest  **Cover* 40 5 25	ciduous Pol Size Class Pole/Log/Sap Pole/Sap/Log Log/Pole	DBH 8 7 10	er Well  Age 54	52.7  Sub-Car  Decidu  Rec	nopy Species ous Shrubs	<b>Density</b> High	N/A  Avg. Height  Variable	Tall Shrub	shrubs.  2023 YOE Comments: Remote called due to lack of access. Listed as edge call to preserve data.  The stand is an old barrow pit. It is filling in with cattails and some lowland shrubs. There is some open water in the stand.  Topography goes from low swale to upland ridge. Low areas go from wet to very wet, however, most of the stand is harvestable. Several man made ditches bisect the stand. Stand was harvested in the late 1960's. It appears trees 4 inches and up were harvested in addition scattered larger diameter trees were also left. Aspen is scattered throughout the stand with highest concentrations at the north end.  Oak ridge. Overstory beginning to die off. Some oak reproduction. Manage for the understory. Heavy highbush blueberry cover is
6 0 7	6119 - Mixed Lo Fo Canopy Species Red Maple White Oak Quaking Aspen 6119 - Mixed Lo Fo Canopy Species	wland Decorest  Cover  40  5  25  wland Decorest	Size Class Pole/Log/Sap Pole/Sap/Log Log/Pole	DBH 8 7 10	er Well  Age 54	52.7  Sub-Car  Decidu  Rec  n 22.9  Sub-Car	nopy Species ous Shrubs d Maple 56 nopy Species	Density High Medium  1-50	N/A  Avg. Height  Variable >20 feet  N/A  Avg. Height	Tall Shrub Sapling Size	shrubs.  2023 YOE Comments: Remote called due to lack of access. Listed as edge call to preserve data.  The stand is an old barrow pit. It is filling in with cattails and some lowland shrubs. There is some open water in the stand.  Topography goes from low swale to upland ridge. Low areas go from wet to very wet, however, most of the stand is harvestable. Several man made ditches bisect the stand. Stand was harvested in the late 1960's. It appears trees 4 inches and up were harvested in addition scattered larger diameter trees were also left. Aspen is scattered throughout the stand with highest concentrations at the north end.  Oak ridge. Overstory beginning to die off. Some oak reproduction. Manage for the understory. Heavy highbush blueberry cover is prohibiting oak regen. L/N type scattered throughout: would make
6 0 7	6119 - Mixed Lo Fo Canopy Species Red Maple White Oak Quaking Aspen 6119 - Mixed Lo Fo Canopy Species orthern Pin Oak	wland Decorest  Cover  40  5  25  wland Decorest	siduous Pole Size Class Pole/Log/Sap Pole/Sap/Log Log/Pole siduous Polet	DBH 8 7 10	er Well  Age 54  54  Medium	52.7  Sub-Car  Decidu  Rec  1 22.9  Sub-Car  Northe	nopy Species ous Shrubs d Maple  56 nopy Species rn Pin Oak	Density High Medium  1-50	N/A  Avg. Height  Variable  >20 feet  N/A	Sapling  Size  Sapling	shrubs.  2023 YOE Comments: Remote called due to lack of access. Listed as edge call to preserve data.  The stand is an old barrow pit. It is filling in with cattails and some lowland shrubs. There is some open water in the stand.  Topography goes from low swale to upland ridge. Low areas go from wet to very wet, however, most of the stand is harvestable. Several man made ditches bisect the stand. Stand was harvested in the late 1960's. It appears trees 4 inches and up were harvested in addition scattered larger diameter trees were also left. Aspen is scattered throughout the stand with highest concentrations at the north end.  Oak ridge. Overstory beginning to die off. Some oak reproduction. Manage for the understory. Heavy highbush blueberry cover is
6 0 7	6119 - Mixed Lo Fo Canopy Species Red Maple White Oak Quaking Aspen 6119 - Mixed Lo Fo Canopy Species	wland Decorest  Cover  40  5  25  wland Decorest  Cover	Size Class Pole/Log/Sap Pole/Sap/Log Log/Pole ciduous Pole	DBH 8 7 10 timber	er Well  Age 54  Medium  Age	52.7  Sub-Car  Decidu  Rec  1 22.9  Sub-Car  Northe	nopy Species ous Shrubs d Maple 56 nopy Species	Density High Medium  1-50  Density	N/A  Avg. Height  Variable >20 feet  N/A  Avg. Height	Size Sapling Sapling	shrubs.  2023 YOE Comments: Remote called due to lack of access. Listed as edge call to preserve data.  The stand is an old barrow pit. It is filling in with cattails and some lowland shrubs. There is some open water in the stand.  Topography goes from low swale to upland ridge. Low areas go from wet to very wet, however, most of the stand is harvestable. Several man made ditches bisect the stand. Stand was harvested in the late 1960's. It appears trees 4 inches and up were harvested in addition scattered larger diameter trees were also left. Aspen is scattered throughout the stand with highest concentrations at the north end.  Oak ridge. Overstory beginning to die off. Some oak reproduction. Manage for the understory. Heavy highbush blueberry cover is prohibiting oak regen. L/N type scattered throughout: would make operability difficult. Would not recommend planting due to access.
6 Q	6119 - Mixed Lo Fo Canopy Species Red Maple White Oak Quaking Aspen 6119 - Mixed Lo Fo Canopy Species orthern Pin Oak	wland Decorest  % Cover 40 5 25  wland Decorest  % Cover 50	siduous Pole Size Class Pole/Log/Sap Pole/Sap/Log Log/Pole siduous Pole Size Class Pole/Log/Sap	DBH 8 7 10 timber	er Well  Age 54  Medium  Age	52.7  Sub-Car  Decidu  Rec  n 22.9  Sub-Car  Northe	nopy Species ous Shrubs d Maple  56 nopy Species rn Pin Oak	Density High Medium  1-50  Density Medium	N/A  Avg. Height  Variable  >20 feet  N/A  Avg. Height  10 - 20 feet  10 - 20 feet  10 - 20 feet	Size Sapling Sapling Sapling Sapling Sapling	shrubs.  2023 YOE Comments: Remote called due to lack of access. Listed as edge call to preserve data.  The stand is an old barrow pit. It is filling in with cattails and some lowland shrubs. There is some open water in the stand.  Topography goes from low swale to upland ridge. Low areas go from wet to very wet, however, most of the stand is harvestable. Several man made ditches bisect the stand. Stand was harvested in the late 1960's. It appears trees 4 inches and up were harvested in addition scattered larger diameter trees were also left. Aspen is scattered throughout the stand with highest concentrations at the north end.  Oak ridge. Overstory beginning to die off. Some oak reproduction. Manage for the understory. Heavy highbush blueberry cover is prohibiting oak regen. L/N type scattered throughout: would make operability difficult. Would not recommend planting due to access. Needs burning to regen oak.
6 Q	6119 - Mixed Lo Fo Canopy Species Red Maple White Oak Quaking Aspen 6119 - Mixed Lo Fo Canopy Species orthern Pin Oak Red Maple	wland Decorest  **Cover 40 5 25  wland Decorest  **Cover 50 25	siduous Pole Size Class Pole/Log/Sap Pole/Sap/Log Log/Pole siduous Pole Size Class Pole/Log/Sap Pole/Log/Sap	DBH 8 7 10 timber DBH 8 8 8	er Well  Age 54  Medium  Age 56	52.7  Sub-Car  Decidu  Rec  n 22.9  Sub-Car  Northe  Wh	nopy Species ous Shrubs d Maple  56  nopy Species um Pin Oak iite Oak	Density High Medium  1-50  Density Medium Low	N/A  Avg. Height  Variable  >20 feet  N/A  Avg. Height  10 - 20 feet  10 - 20 feet	Size Sapling Sapling	shrubs.  2023 YOE Comments: Remote called due to lack of access. Listed as edge call to preserve data.  The stand is an old barrow pit. It is filling in with cattails and some lowland shrubs. There is some open water in the stand.  Topography goes from low swale to upland ridge. Low areas go from wet to very wet, however, most of the stand is harvestable. Several man made ditches bisect the stand. Stand was harvested in the late 1960's. It appears trees 4 inches and up were harvested in addition scattered larger diameter trees were also left. Aspen is scattered throughout the stand with highest concentrations at the north end.  Oak ridge. Overstory beginning to die off. Some oak reproduction. Manage for the understory. Heavy highbush blueberry cover is prohibiting oak regen. L/N type scattered throughout: would make operability difficult. Would not recommend planting due to access. Needs burning to regen oak.

Compartment: 106

Year of Entry: 2023

Stand	Level 4 Co	over Type	S	ize De	nsity	Acres	Stand Age BA	A Range	Managed S	Site	General Comments
8	4126 - White, E	Black, N. Pi	in Oak Saw	/timber	Mediur	n 10.0	94	1-50	N/A		Oak ridge. Overstory beginning to die off. Some oak reproduction. Poor
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	access. Manage for the understory. Slight mortality. Heavy highbush blueberry cover is prohibiting oak regen. L/N type scattered throughout:
В	Bigtooth Aspen	15	Log	14	94	Northe	ern Pin Oak	Medium	10 - 20 feet	Sapling	would make operability difficult. Would not recommend planting due to
	White Oak	20	Log/Pole	12		WI	hite Oak	Low	5 - 10 feet	Sapling	access. Needs burning to regen oak.
No	orthern Pin Oak	50	Log/XLog/Pole	14	94	Wit	ch Hazel	Medium	5 - 10 feet	Tall Shrub	
	Red Maple	15	Pole/Log	9							
9	6119 - Mixed Lo Fo	wland Dec erest	iduous Sa	awtimb	er Poor	11.7	94	1-50	N/A		The stand is moving towards non-forested. Ash has fallen out of the stand. Understory is lowland brush.
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	35	Log/Pole/Sap	12	94	Re	d Maple	Low	Variable	Sapling	
Black	/Red (Hybrid) Oak	15	Log/Pole	13		Decidu	uous Shrubs	High	Variable	Tall Shrub	
Sw	amp White Oak	50	Log	12	94	Ta	ag Alder	Medium	5 - 10 feet	Tall Shrub	
						Red Os	sier Dogwood	Low	5 - 10 feet	Tall Shrub	
						Servicebe	erry (Juneberry)	Low	Variable	Tall Shrub	
10	6113 - Lov	wland Mapl	le Po	oletimb	er Well	5.8	91	51-80	N/A		The stand is a matrix of uplands and lowlands with the lowlands being the majority. The over story is declining especially the oaks. It is a little
(	Canopy Species		Size Class		Age		nopy Species	Density	Avg. Height	Size	lower than the surrounding stands making it wetter. However, it looks lil
	Red Maple	70	Pole/Log	9	91		ous Saplings	High	Variable	Sapling	it may dry out in late summer. Parcel will be up for auction in August of
	White Oak		Log/Pole/XLog			Decidu	uous Shrubs	High	Variable	Tall Shrub	2021.
Black	/Red (Hybrid) Oak	10	Log/XLog/Pole	14							
11	4126 - White, E	Black, N. Pi	in Oak Po	oletimb	er Well	17.2	91	1-50	N/A		2022 YOE Comments: Stand was not harvested under Castor 11 Selec
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Parcel will be up for auction in August of 2021.
	Red Maple	10	Sapling/Pole	5		Decidu	lous Shrubs	Medium	Variable	Tall Shrub	
	White Oak	20	Log/Pole/XLog	12							The stand is variable going from well stocked to poorly stocked. There are inclusions of G-types in the stand.
	Paper Birch	5	Pole/Sapling	4							are inclusions of G-types in the stand.
В	Bigtooth Aspen	25	Sapling/Pole	8							
Black	/Red (Hybrid) Oak	40	Log/Pole/XLog	11	91						
12	6112 - Lov				er Well	10.3	54	51-80	N/A		Low areas go from wet to very wet. Man made ditch bisects the stand.  1 Stand was harvested in the late 1960's. It appears trees 4 inches and u
(	Canopy Species		Size Class		Age		nopy Species	Density	Avg. Height	Size	were harvested in addition scattered larger diameter trees were also left
	Red Maple	20	Pole/Log/Sap	8	54		uous Shrubs	High	Variable	Tall Shrub	
	White Oak	5	Pole/Sap/Log	7		Re	d Maple	Medium	>20 feet	Sapling	the north end. Aspen is falling out of the stand.
	Quaking Aspen	55	Log/Pole	10	54						
Black	/Red (Hybrid) Oak	20	Pole/Sap/Log	7	54						
13	3102	- Grass		Nonsto	cked	3.3			No		This stand has the Teed Drain running through it. It's bordered on the north side by a road and a grass stand. The sides of the banks along th drain are also grassy. Parcel will be up for auction in August of 2021.



Stand	Level 4 Co	over Type	;	Size De	nsity	Acres	Stand Age B	A Range	Managed :	Site	General Comments
14	4124 - Red v	vith White (	Dak S	Sawtimb		10.9	93	81-110	N/A		The over story aspen and oak are declining. There is significant gap dynamics occurring in the stand. These gaps are regenerating well to
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	ayriamics occurring in the stand. These gaps are regenerating well to maple with some oak and ash as well.
	Red Maple	16	Pole	7	40	Re	d Maple	High	Variable	Sapling	maple min come can and act ac nom
	Red Oak	40	Log/XLog	16	93	Deciduo	ous Saplings	Medium	Variable	Sapling	
	White Oak	24	Log/XLog	16		Decidu	ious Shrubs	Low	Variable	Tall Shrub	
	Bigtooth Aspen	20	Log	16							
15	629 - Mixed nor	n-forested w	vetland	Nonsto	ocked	7.2			No		This looks to be an old beaver flooding that has drained. It is mainly cattails and marsh grass. The east end of it is full of willow brush.
16	4131 - A	spen, Oak	Р	oletimb	er Well	32.5	47	1-50	N/A		The terrain is hummocky to undulating. As such it is a matrix of uplands
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	and lowlands with the lowlands being about 40%. The dryer ridges are heavy to oak and bigtooth aspen. The lower areas are heavy to red
	Red Maple	15	Pole	7			ious Shrubs	Medium	Variable	Tall Shrub	maple, oak, ash, and quaking aspen. Parcel will be up for auction in
	White Oak	15	Pole	7							August of 2021.
	Paper Birch	2	Pole	7							
	Quaking Aspen	20	Pole	7							
	Bigtooth Aspen	28	Pole	7	47						
Blac	k/Red (Hybrid) Oak	20	Pole	7							
17	4121 - C	ak, Aspen	S	Sawtimb	er Well	6.8	96	111-140	N/A		From the aerial imagery, soil types, and the age of the stand, this stand should be very similar to pre-inventory stand 28.
18	500 -	Water		Nonsto	ocked	4.2			No		
19	6119 - Mixed Lo	wland Deci	duous S	Sawtimb	er Well	6.8	100	81-110	N/A		This stand is on the flood plain of the Big Salt River
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	50	Log/Pole/XLog	g 16	100	Deciduo	ous Saplings	Low	Variable	Sapling	
	Basswood	15	Log/Pole	12		Decidu	ious Shrubs	Low	Variable	Tall Shrub	
	White Oak	10	Log/Pole	13							ı
	Cottonwood	15	XLog	24							
S	wamp White Oak	10	Log/XLog	14							
20	6119 - Mixed Lo Fo	wland Deci prest	duous S	Sawtimb	er Well	6.1	91	111-140	N/A		The stand has some indications that it is wet in the spring. However, it looks like it dries out in late summer. Highly visible lowland stand. Leav
	Canopy Species	% Cover			l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	stand as a buffer.
	Red Maple	55	Log/Pole	12	91		d Maple	Medium	Variable	Sapling	
	Red Oak	22	XLog/Log	18		Wh	nite Pine	Low	Variable	Sapling	
	White Oak	10	XLog/Log	18		Decidu	ious Shrubs	Low	Variable	Tall Shrub	
	White Pine	3	XLog	20		As	h (spp.)	Low	Variable	Sapling	
S	wamp White Oak	10	XLog/Log	18		Oa	ık (spp.)	Medium	Variable	Sapling	



Stand	Level 4 C	over Type	s	ize De	ensity	Acres	Stand Age B	A Range	Managed	Site	General Comments
21	6119 - Mixed Lo Fo	wland Dec prest	ciduous Sa	awtimb	er Well	29.8	100	111-140	N/A		The stand is on the flood plain of the Big Salt River. The over story in the stand shows signs of declining and is starting to come down. Much of
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	what is coming down is ash, aspen, and oak.
	Red Maple	50	Log/Pole/XLog	16	100	Decidu	ious Saplings	Low	Variable	Sapling	
	Basswood	20	Log/Pole	12		Decid	uous Shrubs	Low	Variable	Tall Shrub	
	White Oak	7	Log/Pole	13							
	Cottonwood	13	XLog	24							
S	wamp White Oak	10	Log/XLog	17							
22	4139 - Aspen,	Mixed Dec	iduous Sa	awtimb	er Well	14.1	74	81-110	N/A		This is a knoll that is isolated by the Mud and Bluff Creeks.
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	25	Log/Pole	12	74	Decidu	ious Saplings	Medium	Variable	Sapling	
	Red Oak	10	Log	14		Decid	uous Shrubs	High	Variable	Tall Shrub	
	White Oak	5	Log	14				,		,	•
	Bigtooth Aspen	50	Log	12	74						
	Red Pine	10	Log	14							
23	6113 - Lo	wland Map	le Po	oletimb	er Well	19.8	56	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	60	Pole/Sap/Log	8	56	Re	ed Maple	High	>20 feet	Sapling	
1	Northern Pin Oak	25	Pole/Sap/Log	8	56						
S	wamp White Oak	15	Pole/Sap/Log	8	56						
24	4199 - Other Mixe	d Upland [	Deciduous S	Saplin	g Well	11.4	11	1-50	N/A		The stand was harvested in 2010. Stand has fully regenerated.
	Canopy Species	% Cover	Size Class	DBI	l Age						
	Red Oak	10	Log/XLog	14	91						
	White Oak	10	Log/XLog	14	91						
	White Pine	15	Pole	6							
	White Oak	10	Sapling	1	11						
	Red Maple	20	Sapling	2							
	Bigtooth Aspen	25	Sapling	1	11						
Blac	ck/Red (Hybrid) Oak	10	Sapling	1	11						
25	4131 - A	spen, Oak	: Po	oletimb	er Well	9.6	33	1-50	N/A		Harvested under contract 73-062-85-01, The Long Goodbye in 1987.
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Clear-cut 4" and up.The stand is an upland ridge that has some areas that are well stocked and other areas that are sparse. The aspen and the
	Red Maple	5	Sapling	3	33	Commo	on Blackberry	Low	< 5 feet	Tall Shrub	oak are fairly evenly mixed. There are inclusions of lowland in the stand
	Paper Birch	10	Sapling/Pole	4							but it makes up less than 15% of the area.
	Quaking Aspen	15	Pole/Sapling	5							
	Bigtooth Aspen	30	Pole/Sapling	5	33						
Bla	ck/Red (Hybrid) Oak	35	Pole/Sapling	5	33						
	Choke Cherry	5	Sapling/Pole	4							

Gladwin Mgt. Unit



Stand	Level 4 Co	over Type	Si	ize De	ensity	Acres	Stand Age BA	4 Kange	Managed S	one .	General Comments
26	6119 - Mixed Lo Fo	wland Deci prest	iduous Saw	timber	· Mediur	n 48.8	89	51-80	N/A		The stand is on the flood plain of Mud Creek. There are inclusions of L-type that are heavy to red osier dogwood. Steep bluffs boarder the flood
C	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	plain.
	Red Maple	55	Log/Pole/Sap	12	89	Deciduo	ous Saplings	Medium	Variable	Sapling	
	Red Oak	12	Log	12		Decidu	ious Shrubs	High	Variable	Tall Shrub	
	White Oak	15	Log/Pole	13							
Sw	vamp White Oak	10	Log/XLog/Pole	14							
Bi	itternut Hickory	3	Log	14	89						
	Cottonwood	5	XLog	20							
27	6119 - Mixed Lo Fo	wland Deci prest	iduous Po	letimb	er Well	15.9	50	51-80	N/A		The stand is mainly lowland with inclusions of upland. The super-canopy is declining, especially the oaks. There is a thick canopy of red maple,
C	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	oaks, and ash pole/saplings. The amount of downed woody material is significant. There is also a significant shrub layer.
	Red Maple	50	Pole/Sapling	6	50	Red	d Maple	High	Variable	Sapling	significant. There is also a significant siliub layer.
Black	/Red (Hybrid) Oak	10	Pole/Sap/Log	7		Decidu	ious Shrubs	High	5 - 10 feet	Tall Shrub	
	Green Ash	10	Sapling/Pole	4		Asl	h (spp.)	Low	Variable	Sapling	
		30	Pole/Log/Sap	6	91	Ωa	ık (spp.)	Low	Variable	Sapling	
	vamp White Oak				31	Oa	(٥٢٢)	2011	variable	Capinig	
	6229 - Mixed			Nonsto		10.5	In	nmature	No	Size	Harvested under contract 73-062-85-01, The Long Goodbye in 1987. Clear-cut 4" and up.This area is low and wet. It has a thick layer of
	•					10.5 Sub-Car					
	•					10.5 <b>Sub-Car</b> Pap	In	nmature  Density	No <b>Avg. Height</b>	Size	Clear-cut 4" and up.This area is low and wet. It has a thick layer of deciduous shrubs. The stand has some medium stocked pockets of
	•					10.5  Sub-Car  Pap  Black/Rec	Innopy Species Der Birch	mmature  Density  Medium	No Avg. Height >20 feet	Size Sapling	Clear-cut 4" and up.This area is low and wet. It has a thick layer of deciduous shrubs. The stand has some medium stocked pockets of trees, but much of it only has scattered trees. There are also inclusions
	•					10.5  Sub-Car  Pap  Black/Rec	Innopy Species Der Birch d (Hybrid) Oak	Density  Medium  Medium	No Avg. Height >20 feet >20 feet	Size Sapling Sapling	Clear-cut 4" and up.This area is low and wet. It has a thick layer of deciduous shrubs. The stand has some medium stocked pockets of trees, but much of it only has scattered trees. There are also inclusions
28	•	I lowland sh	nrub N	Nonsto		10.5  Sub-Car  Pap  Black/Rec	Innopy Species Der Birch Der (Hybrid) Oak Der Maple Der White Oak	Density  Medium  Medium  Medium	No  Avg. Height >20 feet >20 feet >20 feet	Size Sapling Sapling Sapling	Clear-cut 4" and up.This area is low and wet. It has a thick layer of deciduous shrubs. The stand has some medium stocked pockets of trees, but much of it only has scattered trees. There are also inclusions of upland but they make up less than 20% of the stand.  The stand is developing good gap dynamics. The gaps have good
28	6229 - Mixed	I lowland sh	nrub N	Nonsto	ocked	10.5  Sub-Car  Pap  Black/Rec  Rec  Swamp	Innopy Species Der Birch Der (Hybrid) Oak Der Maple Der White Oak	Density Medium Medium Medium Low	No  Avg. Height >20 feet >20 feet >20 feet 10 - 20 feet	Size Sapling Sapling Sapling	Clear-cut 4" and up.This area is low and wet. It has a thick layer of deciduous shrubs. The stand has some medium stocked pockets of trees, but much of it only has scattered trees. There are also inclusions of upland but they make up less than 20% of the stand.  The stand is developing good gap dynamics. The gaps have good advanced regeneration in them of maple and oak. Stand has succeeded
28	6229 - Mixed	I lowland sh	nrub M	Nonsto	ocked er Well	10.5  Sub-Car  Pap  Black/Rec  Rec  Swamp  31.3  Sub-Car	Innopy Species Der Birch d (Hybrid) Oak d Maple D White Oak	mmature  Density  Medium  Medium  Medium  Low  81-110	No  Avg. Height  >20 feet  >20 feet  >20 feet  N/A	Size Sapling Sapling Sapling Sapling	Clear-cut 4" and up.This area is low and wet. It has a thick layer of deciduous shrubs. The stand has some medium stocked pockets of trees, but much of it only has scattered trees. There are also inclusions of upland but they make up less than 20% of the stand.  The stand is developing good gap dynamics. The gaps have good
28	6229 - Mixed 6229 - Mixed 4199 - Other Mixed Canopy Species	d Upland D  **Cover*  25  25	nrub Meciduous Sa	Nonsto wtimb	ocked er Well	10.5  Sub-Car Pap Black/Rec Rec Swamp  31.3  Sub-Car	Innopy Species Der Birch d (Hybrid) Oak d Maple D White Oak 93 nopy Species	Medium Medium Medium Low 81-110 Density	No  Avg. Height  >20 feet  >20 feet  >20 feet  N/A  Avg. Height	Size Sapling Sapling Sapling Sapling Sapling	Clear-cut 4" and up.This area is low and wet. It has a thick layer of deciduous shrubs. The stand has some medium stocked pockets of trees, but much of it only has scattered trees. There are also inclusions of upland but they make up less than 20% of the stand.  The stand is developing good gap dynamics. The gaps have good advanced regeneration in them of maple and oak. Stand has succeeded past an Aspen type and is now mixed deciduous.
28	6229 - Mixed 4199 - Other Mixed Canopy Species Red Maple	d Upland D  **Cover*  25  25	nrub Neciduous Sa Size Class Pole/Sapling	wtimb	ocked er Well	10.5  Sub-Car Pap Black/Rec Rec Swamp  31.3  Sub-Car	Innopy Species Der Birch d (Hybrid) Oak d Maple D White Oak 93 nopy Species DUS Saplings	mmature  Density  Medium  Medium  Medium  Low  81-110  Density  High	No  Avg. Height >20 feet >20 feet >20 feet N/A  Avg. Height  Variable	Size Sapling Sapling Sapling Sapling Sapling Sapling	Clear-cut 4" and up.This area is low and wet. It has a thick layer of deciduous shrubs. The stand has some medium stocked pockets of trees, but much of it only has scattered trees. There are also inclusions of upland but they make up less than 20% of the stand.  The stand is developing good gap dynamics. The gaps have good advanced regeneration in them of maple and oak. Stand has succeeded past an Aspen type and is now mixed deciduous.
29	6229 - Mixed 4199 - Other Mixed Canopy Species Red Maple Red Oak	d Upland D  **Cover*  25  25	Deciduous Sa Size Class Pole/Sapling Log/Pole/XLog	wtimb  DBH  6  14	ocked er Well	10.5  Sub-Car Pap Black/Rec Rec Swamp  31.3  Sub-Car	Innopy Species Der Birch d (Hybrid) Oak d Maple D White Oak 93 nopy Species DUS Saplings	mmature  Density  Medium  Medium  Medium  Low  81-110  Density  High	No  Avg. Height >20 feet >20 feet >20 feet N/A  Avg. Height  Variable	Size Sapling Sapling Sapling Sapling Sapling Sapling	Clear-cut 4" and up. This area is low and wet. It has a thick layer of deciduous shrubs. The stand has some medium stocked pockets of trees, but much of it only has scattered trees. There are also inclusions of upland but they make up less than 20% of the stand.  The stand is developing good gap dynamics. The gaps have good advanced regeneration in them of maple and oak. Stand has succeeded past an Aspen type and is now mixed deciduous.
28 29 0	6229 - Mixed 4199 - Other Mixed Canopy Species Red Maple Red Oak White Oak	d Upland D  **Cover*  25 25 20 30	Deciduous Sa Size Class Pole/Sapling Log/Pole/XLog Log/Pole/XLog Log/XLog	wtimb  DBH  6  14  15	er Well	10.5  Sub-Car Pap Black/Rec Rec Swamp  31.3  Sub-Car	Innopy Species Der Birch d (Hybrid) Oak d Maple D White Oak 93 nopy Species DUS Saplings	mmature  Density  Medium  Medium  Medium  Low  81-110  Density  High	No  Avg. Height >20 feet >20 feet >20 feet N/A  Avg. Height  Variable	Size Sapling Sapling Sapling Sapling Sapling Sapling	Clear-cut 4" and up.This area is low and wet. It has a thick layer of deciduous shrubs. The stand has some medium stocked pockets of trees, but much of it only has scattered trees. There are also inclusions of upland but they make up less than 20% of the stand.  The stand is developing good gap dynamics. The gaps have good advanced regeneration in them of maple and oak. Stand has succeeded past an Aspen type and is now mixed deciduous.
29	6229 - Mixed 4199 - Other Mixed Canopy Species Red Maple Red Oak White Oak Bigtooth Aspen	d Upland D  **Cover*  25 20 30  I lowland sh	Deciduous Sa Size Class Pole/Sapling Log/Pole/XLog Log/Pole/XLog Log/XLog	wtimb  DBH  6  14  15  16	er Well  Age  93	10.5  Sub-Car Pap Black/Rec Swamp  31.3  Sub-Car Decidue	Innopy Species Der Birch d (Hybrid) Oak d Maple D White Oak 93 nopy Species DUS Saplings	mmature  Density  Medium  Medium  Medium  Low  81-110  Density  High	No  Avg. Height >20 feet >20 feet >20 feet N/A  Avg. Height Variable Variable	Size Sapling Sapling Sapling Sapling Sapling Sapling	Clear-cut 4" and up. This area is low and wet. It has a thick layer of deciduous shrubs. The stand has some medium stocked pockets of trees, but much of it only has scattered trees. There are also inclusions of upland but they make up less than 20% of the stand.  The stand is developing good gap dynamics. The gaps have good advanced regeneration in them of maple and oak. Stand has succeeded past an Aspen type and is now mixed deciduous.  This stand is mainly lowland shrubs with some leather leaf present. The
29 0 30	6229 - Mixed 4199 - Other Mixed Canopy Species Red Maple Red Oak White Oak Bigtooth Aspen 6229 - Mixed	d Upland D  **Cover*  25 20 30  I lowland sh	Deciduous Sa Size Class Pole/Sapling Log/Pole/XLog Log/Pole/XLog Log/XLog	wtimb  DBH  6 14 15 16	er Well  Age  93	10.5  Sub-Car Pap Black/Rec Rec Swamp  31.3  Sub-Car Deciduc  1.5	Innopy Species Der Birch d (Hybrid) Oak d Maple D White Oak 93 nopy Species DUS Saplings	mmature  Density  Medium  Medium  Medium  Low  81-110  Density  High	No  Avg. Height >20 feet >20 feet >20 feet 10 - 20 feet  N/A  Avg. Height Variable  Variable	Size Sapling Sapling Sapling Sapling Sapling Sapling	Clear-cut 4" and up. This area is low and wet. It has a thick layer of deciduous shrubs. The stand has some medium stocked pockets of trees, but much of it only has scattered trees. There are also inclusions of upland but they make up less than 20% of the stand.  The stand is developing good gap dynamics. The gaps have good advanced regeneration in them of maple and oak. Stand has succeeded past an Aspen type and is now mixed deciduous.  This stand is mainly lowland shrubs with some leather leaf present. The
29 0 30	6229 - Mixed 4199 - Other Mixed Canopy Species Red Maple Red Oak White Oak Bigtooth Aspen 6229 - Mixed	d Upland D  **Cover*  25 20 30  I lowland sh	Deciduous Sa Size Class Pole/Sapling Log/Pole/XLog Log/Pole/XLog Log/XLog	wtimb  DBH  6 14 15 16	er Well  Age  93	10.5  Sub-Car Pap Black/Rec Rec Swamp 31.3  Sub-Car Deciduc 1.5  11.4  Sub-Car	Innopy Species per Birch d (Hybrid) Oak d Maple b White Oak  93 nopy Species pus Saplings nous Shrubs	Medium Medium Low  81-110  Density High Medium	No  Avg. Height >20 feet >20 feet 10 - 20 feet  N/A  Avg. Height  Variable  Variable  No	Size Sapling Sapling Sapling Sapling Sapling Tall Shrub	Clear-cut 4" and up. This area is low and wet. It has a thick layer of deciduous shrubs. The stand has some medium stocked pockets of trees, but much of it only has scattered trees. There are also inclusions of upland but they make up less than 20% of the stand.  The stand is developing good gap dynamics. The gaps have good advanced regeneration in them of maple and oak. Stand has succeeded past an Aspen type and is now mixed deciduous.  This stand is mainly lowland shrubs with some leather leaf present. The edges have some oaks.



	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
32	6119 - Mixed Lo Fo	wland Deci rest	duous S	awtimb	er Wel	ll 22.9	96	81-110	N/A		The stand is a matrix of uplands and lowlands, with the lowlands being the majority (60%). The over story is declining in areas and has started
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	coming down. Pole sized red maple are succeeding. Allow the stand to progress naturally.
	Red Maple	40	Pole/Log	9	96	Red	d Maple	Medium	>20 feet	Sapling	progress naturally.
	Red Oak	30	Log/XLog	16		Servicebe	rry (Juneberry)	Low	5 - 10 feet	Tall Shrub	
	White Oak	20	Log/XLog	14		Musclewo	od/Hornbeam	Low	Variable	Sapling	
	Bigtooth Aspen	5	Log	12							
33	6119 - Mixed Lo Fo	wland Deci prest	duous	Sapling	Poor	17.2	34	1-50	N/A		The stand is low and wet with some seedling and sapling in it. Currently the trees are in patches. There are areas of high stocking and other
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	areas that are open. The north end of the stand is dryer then the south end.
	Red Maple	45	Pole/Sapling	5	34	Decidu	ous Shrubs	High	Variable	Tall Shrub	Cita.
	White Oak	3	Sapling/Pole	4		Та	g Alder	High	Variable	Tall Shrub	
Blad	ck/Red (Hybrid) Oak	10	Sapling/Pole	4							
S	Swamp White Oak	35	Sapling/Pole	4							
34	6229 - Mixed	lowland sh	nrub	Nonsto	cked	2.3			No		The stand is mainly lowland shrubs with the scattered red maple and
											oak. In 10 years the crown closure maybe > 25%, currently it is a little below 15%.
35	500 -	Water		Nonsto	ocked	4.9			No		
35 36		Water ottonwood	S	Nonsto			109	81-110	No N/A		This stand is on the flood plain of the Big Salt River. It is very heavy to
			Size Class	Sawtimb		II 6.9	109			Size	below 15%.
	6110 - C	ottonwood		Sawtimb	er Wel	ll 6.9			N/A	Size Sapling	This stand is on the flood plain of the Big Salt River. It is very heavy to oversized cottonwood logs. They're a few log size maples scattered
	6110 - C	ottonwood % Cover	Size Class	Sawtimb DBH	er Wel	II 6.9  Sub-Car	nopy Species	Density	N/A Avg. Height		This stand is on the flood plain of the Big Salt River. It is very heavy to oversized cottonwood logs. They're a few log size maples scattered
	6110 - C Canopy Species Red Maple	ottonwood  % Cover  20 80	Size Class Log/XLog XLog	Sawtimb  DBH	er Wel	II 6.9  Sub-Car	nopy Species d Maple	<b>Density</b> Low	N/A  Avg. Height  Variable	Sapling	This stand is on the flood plain of the Big Salt River. It is very heavy to oversized cottonwood logs. They're a few log size maples scattered
36	6110 - Co Canopy Species Red Maple Cottonwood 6229 - Mixed	ottonwood  % Cover  20 80	Size Class Log/XLog XLog	DBH 16 32	er Wel	Sub-Car Red Asl	nopy Species d Maple	<b>Density</b> Low	N/A  Avg. Height  Variable  Variable	Sapling	This stand is on the flood plain of the Big Salt River. It is very heavy to oversized cottonwood logs. They're a few log size maples scattered around the stand.  This is a tag alder stand that has oak saplings around the edges.  Harvested in 1996 under contract 73-026-93-01, Castor Road Passage.
36	6110 - Co Canopy Species Red Maple Cottonwood 6229 - Mixed	ottonwood % Cover 20 80  lowland sh	Size Class Log/XLog XLog	DBH 16 32 Nonsto	er Wel	Sub-Car Rec Asi 7.0	nopy Species d Maple n (spp.)	Density Low Low	N/A  Avg. Height  Variable  Variable	Sapling	This stand is on the flood plain of the Big Salt River. It is very heavy to oversized cottonwood logs. They're a few log size maples scattered around the stand.  This is a tag alder stand that has oak saplings around the edges.
36	6110 - Concept Species Red Maple Cottonwood 6229 - Mixed	ottonwood % Cover 20 80  lowland sh	Size Class Log/XLog XLog	DBH 16 32 Nonsto	er Wel Age 109 cked	8 6.9 Sub-Car Rec Asi 7.0 Sub-Car Sub-Car	nopy Species d Maple n (spp.)	Density Low Low	N/A  Avg. Height  Variable  Variable  No  N/A	Sapling Sapling	This stand is on the flood plain of the Big Salt River. It is very heavy to oversized cottonwood logs. They're a few log size maples scattered around the stand.  This is a tag alder stand that has oak saplings around the edges.  Harvested in 1996 under contract 73-026-93-01, Castor Road Passage. All trees were cut 2" and up except oak trees less than six (6) inches.  The stand is on a ridge mainly. However, there are inclusions of
36 37 38	6110 - C Canopy Species Red Maple Cottonwood  6229 - Mixed  4131 - A	ottonwood  Cover  20 80  lowland sh spen, Oak Cover	Size Class Log/XLog XLog nrub Size Class	DBH 16 32 Nonsto	er Wel Age 109 cked	6.9   Sub-Car   Rec   Asi   7.0     Sub-Car   Wito	nopy Species d Maple n (spp.)  25 nopy Species	Density Low Low  1-50 Density Low	N/A  Avg. Height  Variable  Variable  No  N/A  Avg. Height	Sapling Sapling	This stand is on the flood plain of the Big Salt River. It is very heavy to oversized cottonwood logs. They're a few log size maples scattered around the stand.  This is a tag alder stand that has oak saplings around the edges.  Harvested in 1996 under contract 73-026-93-01, Castor Road Passage. All trees were cut 2" and up except oak trees less than six (6) inches.  The stand is on a ridge mainly. However, there are inclusions of lowland. These are in patches and they are small in size. The aspen
36 37 38	6110 - Co Canopy Species Red Maple Cottonwood 6229 - Mixed 4131 - Ac Canopy Species White Oak	ottonwood  **Cover   20   80    lowland sh  spen, Oak  **Cover   10	Size Class  Log/XLog  XLog  nrub  Size Class  Sapling	DBH 2	er Wel Age 109 cked	6.9   Sub-Car   Rec   Asi   7.0     Sub-Car   Witc   Blueberry/Bi	nopy Species d Maple n (spp.)  25 nopy Species ch Hazel	Density  Low  Low  1-50  Density  Low  rry Low	N/A  Avg. Height  Variable  Variable  No  N/A  Avg. Height  5 - 10 feet	Sapling Sapling Size Tall Shrub	This stand is on the flood plain of the Big Salt River. It is very heavy to oversized cottonwood logs. They're a few log size maples scattered around the stand.  This is a tag alder stand that has oak saplings around the edges.  Harvested in 1996 under contract 73-026-93-01, Castor Road Passage. All trees were cut 2" and up except oak trees less than six (6) inches.  The stand is on a ridge mainly. However, there are inclusions of
36 37 38	6110 - Conopy Species Red Maple Cottonwood 6229 - Mixed 4131 - Accanopy Species White Oak ck/Red (Hybrid) Oak	ottonwood  **Cover* 20 80  lowland sh  spen, Oak  **Cover* 10 35	Size Class Log/XLog XLog  nrub  Size Class Sapling Sapling/Pole	DBH 2 4	er Wel Age 109 cked	6.9   Sub-Car   Rec   Asi   7.0     Sub-Car   Witc   Blueberry/Bi	nopy Species d Maple n (spp.)  25 nopy Species ch Hazel lberry/Cranbel	Density  Low  Low  1-50  Density  Low  rry Low	N/A  Avg. Height  Variable  Variable  No  N/A  Avg. Height  5 - 10 feet  < 5 feet	Sapling Sapling Size Tall Shrub Tall Shrub	This stand is on the flood plain of the Big Salt River. It is very heavy to oversized cottonwood logs. They're a few log size maples scattered around the stand.  This is a tag alder stand that has oak saplings around the edges.  Harvested in 1996 under contract 73-026-93-01, Castor Road Passage. All trees were cut 2" and up except oak trees less than six (6) inches.  The stand is on a ridge mainly. However, there are inclusions of lowland. These are in patches and they are small in size. The aspen

DNR MICHIGAN

Stand	Level 4 Co	over Type	31	ize D	ensity	Acres	Stand Age BA	A Kange	Managed S	Site	General Comments
39	4126 - White, B	Black, N. Pi	in Oak Saw	timbe	r Mediu	m 9.1	90	1-50	N/A		The stand has become a natural seed tree/shelter wood. Over story is
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Can	opy Species	Density	Avg. Height	Size	declining and coming down. There is a decent amount of oaks seeded into the stand, though at the current time, the regeneration is patchy
	Red Maple	15	Pole/Sapling	5		Hucl	kleberry	Medium	< 5 feet	Tall Shrub	and the starte, though at the sumon time, the regeneration to paterly
	White Oak	45	Log	14	90	Serviceber	ry (Juneberry)	Low	5 - 10 feet	Tall Shrub	
Blac	k/Red (Hybrid) Oak	40	Log/Pole	12	90	Whi	ite Oak	Medium	10 - 20 feet	Sapling	
		,		•		Black/Red	l (Hybrid) Oak	Medium	10 - 20 feet	Sapling	
40	6119 - Mixed Lo Fo	wland Dec rest	iduous Pole	timbe	r Mediu	m 5.5	55	51-80	N/A		Small clear-cut are along private boundary. Canopy closure is around 75%. East end of the stand is contains more lowland brush than along
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Can	opy Species	Density	Avg. Height	Size	Magrudder Rd.
N	orthern Pin Oak	10	Pole/Sapling	6	55	Red	d Maple	Medium	10 - 20 feet	Sapling	
	Red Maple	49	Pole/Log/Sap	7	55	Serviceber	ry (Juneberry)	Low	10 - 20 feet	Sapling	
Sv	vamp White Oak	10	Pole/Sapling	6	55	Michi	gan Holly	Medium	5 - 10 feet	Tall Shrub	
(	Quaking Aspen	19	Pole/Log	8	55						
	Paper Birch	12	Pole/Sapling	6	55						
41	6225	- Bog	N	Nonst	ocked	2.9			No		
	6119 - Mixed Lo	wland Dec rest	iduous Po	letiml	oer Well	2.9	71	51-80	N/A		up about 20%. The overstory oaks are declining. The overstory oak,
42	6119 - Mixed Lo Fo Canopy Species	wland Dec rest % Cover	iduous Po	letimi		25.4 Sub-Can	opy Species	Density	N/A Avg. Height	Size	up about 20%. The overstory oaks are declining. The overstory oak, aspen, and ash have been dying out of the stand for decades.
42	6119 - Mixed Lo Fo Canopy Species Red Maple	wland Decorest  Cover	iduous Po Size Class Pole/Sap/Log	DBI	oer Well	25.4 Sub-Can	opy Species d Maple	<b>Density</b> High	N/A  Avg. Height  Variable	Sapling	up about 20%. The overstory oaks are declining. The overstory oak, aspen, and ash have been dying out of the stand for decades. Understory saplings, being mainly red maple mixed with ash and oak, readily fill in canopy gaps. Former understory saplings are now pole
<b>42</b> Black	6119 - Mixed Lo Fo Canopy Species Red Maple k/Red (Hybrid) Oak	wland Dec rest  % Cover  30 40	iduous Po  Size Class  Pole/Sap/Log  Pole/Log/XLog	DBI 6 9	Der Well  H Age	25.4  Sub-Can  Red  Deciduo	nopy Species d Maple ous Shrubs	Density High Full	N/A  Avg. Height  Variable  5 - 10 feet	Sapling Tall Shrub	up about 20%. The overstory oaks are declining. The overstory oak, aspen, and ash have been dying out of the stand for decades. Understory saplings, being mainly red maple mixed with ash and oak, readily fill in canopy gaps. Former understory saplings are now pole sized and make up a majority of the canopy. Allow this process to
<b>42</b> Black	6119 - Mixed Lo Fo Canopy Species Red Maple	wland Decorest  Cover	iduous Po Size Class Pole/Sap/Log	DBI	oer Well	25.4  Sub-Can  Red  Deciduo	opy Species d Maple	<b>Density</b> High	N/A  Avg. Height  Variable	Sapling	aspen, and ash have been dying out of the stand for decades. Understory saplings, being mainly red maple mixed with ash and oak, readily fill in canopy gaps. Former understory saplings are now pole
42 Black	6119 - Mixed Lor Fo Canopy Species Red Maple k/Red (Hybrid) Oak vamp White Oak	wland Dec rest  % Cover  30 40	iduous Po  Size Class Pole/Sap/Log Pole/Log/XLog Pole/Log/XLog	<b>DBI</b> 6 9	Der Well  H Age	25.4  Sub-Can  Red  Deciduo	nopy Species d Maple ous Shrubs	Density High Full	N/A  Avg. Height  Variable  5 - 10 feet	Sapling Tall Shrub	up about 20%. The overstory oaks are declining. The overstory oak, aspen, and ash have been dying out of the stand for decades. Understory saplings, being mainly red maple mixed with ash and oak, readily fill in canopy gaps. Former understory saplings are now pole sized and make up a majority of the canopy. Allow this process to
Black Sv 43	6119 - Mixed Lor Fo Canopy Species Red Maple k/Red (Hybrid) Oak vamp White Oak 6225	wland Decrest  Cover 30 40 30 -Bog	iduous Po  Size Class Pole/Sap/Log Pole/Log/XLog Pole/Log/XLog	DBI 6 9 9 Nonst	Poer Well  1 Age 71 71 71 ocked	25.4  Sub-Can  Red  Decidue  Norther  4.9	d Maple bus Shrubs rn Pin Oak	Density High Full Medium  51-80	N/A  Avg. Height  Variable  5 - 10 feet  Variable  No  N/A	Sapling Tall Shrub Sapling	up about 20%. The overstory oaks are declining. The overstory oak, aspen, and ash have been dying out of the stand for decades. Understory saplings, being mainly red maple mixed with ash and oak, readily fill in canopy gaps. Former understory saplings are now pole sized and make up a majority of the canopy. Allow this process to continue.  This stand has a lot of leatherleaf mixed with sedges. There is a lot of lowland shrub along the east edge of the stand as it grades into pre-inventory stand 48.  The stand was harvested 27 years ago. Currently there is a well stock.
Black Sv 43	6119 - Mixed Lor Fo Canopy Species Red Maple k/Red (Hybrid) Oak vamp White Oak 6225 4199 - Other Mixed	wland Decrest  % Cover  30 40 30 Bog	iduous Po  Size Class Pole/Sap/Log Pole/Log/XLog Pole/Log/XLog  Pole/Log/XLog  Size Class	DBI 6 9 9 Nonst	H Age 71 71 71 ocked	25.4  Sub-Can  Red  Decidue  Norther  4.9  m 22.4  Sub-Can	nopy Species d Maple bus Shrubs rn Pin Oak	Density High Full Medium  51-80 Density	N/A  Avg. Height  Variable  5 - 10 feet  Variable  No  N/A  Avg. Height	Sapling Tall Shrub Sapling Size	up about 20%. The overstory oaks are declining. The overstory oak, aspen, and ash have been dying out of the stand for decades. Understory saplings, being mainly red maple mixed with ash and oak, readily fill in canopy gaps. Former understory saplings are now pole sized and make up a majority of the canopy. Allow this process to continue.  This stand has a lot of leatherleaf mixed with sedges. There is a lot of lowland shrub along the east edge of the stand as it grades into pre-inventory stand 48.  The stand was harvested 27 years ago. Currently there is a well stock layer of advance regeneration. There are also some areas that are open. Regeneration would benefit from being released.
Black Sv 43	6119 - Mixed Lor Fo Canopy Species Red Maple k/Red (Hybrid) Oak vamp White Oak 6225 4199 - Other Mixed Canopy Species Red Maple	wland Dec rest  % Cover  30 40 30 40 30 4 Decended Cover  4 Cover 4 Cover	iduous Po  Size Class Pole/Sap/Log Pole/Log/XLog Pole/Log/XLog  Oeciduous Saw  Size Class Pole/Log	DBI 8	Poer Well  1 Age 71 71 71 ocked	25.4  Sub-Can  Red  Decidue  Norther  4.9  m 22.4  Sub-Can  Decidue	nopy Species d Maple bus Shrubs rn Pin Oak  96 hopy Species bus Shrubs	Density High Full Medium  51-80 Density Low	N/A  Avg. Height  Variable  5 - 10 feet  Variable  No  N/A  Avg. Height  Variable	Sapling Tall Shrub Sapling  Size Tall Shrub	up about 20%. The overstory oaks are declining. The overstory oak, aspen, and ash have been dying out of the stand for decades. Understory saplings, being mainly red maple mixed with ash and oak, readily fill in canopy gaps. Former understory saplings are now pole sized and make up a majority of the canopy. Allow this process to continue.  This stand has a lot of leatherleaf mixed with sedges. There is a lot of lowland shrub along the east edge of the stand as it grades into pre-inventory stand 48.  The stand was harvested 27 years ago. Currently there is a well stock layer of advance regeneration. There are also some areas that are open. Regeneration would benefit from being released.
Black Sv 443	6119 - Mixed Lor Fo Canopy Species Red Maple k/Red (Hybrid) Oak wamp White Oak 6225 4199 - Other Mixed Canopy Species Red Maple White Oak	wland Decrest  % Cover  30 40 30 - Bog  d Upland D  % Cover  25 10	iduous Po  Size Class Pole/Sap/Log Pole/Log/XLog Pole/Log/XLog  Pole/Log/XLog  Deciduous Saw  Size Class Pole/Log Log/Pole	DBI 8 10	Poer Well  1 Age 71 71 71 ocked	25.4  Sub-Can  Red  Decidue  Norther  4.9  m 22.4  Sub-Can  Decidue	nopy Species d Maple bus Shrubs rn Pin Oak	Density High Full Medium  51-80 Density Low Medium	N/A  Avg. Height  Variable  5 - 10 feet  Variable  No  N/A  Avg. Height  Variable  5 - 10 feet	Sapling Tall Shrub Sapling Size Tall Shrub Tall Shrub	up about 20%. The overstory oaks are declining. The overstory oak, aspen, and ash have been dying out of the stand for decades. Understory saplings, being mainly red maple mixed with ash and oak, readily fill in canopy gaps. Former understory saplings are now pole sized and make up a majority of the canopy. Allow this process to continue.  This stand has a lot of leatherleaf mixed with sedges. There is a lot of lowland shrub along the east edge of the stand as it grades into pre-inventory stand 48.  The stand was harvested 27 years ago. Currently there is a well stock layer of advance regeneration. There are also some areas that are open. Regeneration would benefit from being released.
Blacc Sv 43	6119 - Mixed Lor Fo Canopy Species Red Maple k/Red (Hybrid) Oak vamp White Oak 6225 4199 - Other Mixed Canopy Species Red Maple	wland Decrest  % Cover  30 40 30 - Bog  d Upland D  % Cover  25 10 10	iduous Po  Size Class Pole/Sap/Log Pole/Log/XLog Pole/Log/XLog  Pole/Log/Log  Deciduous Saw  Size Class Pole/Log Log/Pole Log/Pole	DBI	Poer Well  1 Age 71 71 71 0cked  1 Age	25.4  Sub-Can  Red  Decidue  Norther  4.9  m 22.4  Sub-Can  Decidue  Witc	nopy Species d Maple bus Shrubs rn Pin Oak  96 hopy Species bus Shrubs	Density High Full Medium  51-80 Density Low	N/A  Avg. Height  Variable  5 - 10 feet  Variable  No  N/A  Avg. Height  Variable	Sapling Tall Shrub Sapling  Size Tall Shrub Tall Shrub Tall Shrub	up about 20%. The overstory oaks are declining. The overstory oak, aspen, and ash have been dying out of the stand for decades. Understory saplings, being mainly red maple mixed with ash and oak, readily fill in canopy gaps. Former understory saplings are now pole sized and make up a majority of the canopy. Allow this process to continue.  This stand has a lot of leatherleaf mixed with sedges. There is a lot of lowland shrub along the east edge of the stand as it grades into pre-inventory stand 48.  The stand was harvested 27 years ago. Currently there is a well stock layer of advance regeneration. There are also some areas that are open. Regeneration would benefit from being released.
Blacc Sv 443	6119 - Mixed Lor Fo Canopy Species Red Maple k/Red (Hybrid) Oak wamp White Oak 6225 4199 - Other Mixed Canopy Species Red Maple White Oak	wland Decrest  % Cover  30 40 30 - Bog  d Upland D  % Cover  25 10	iduous Po  Size Class Pole/Sap/Log Pole/Log/XLog Pole/Log/XLog  Pole/Log/XLog  Deciduous Saw  Size Class Pole/Log Log/Pole	DBI 8 10	Poer Well  1 Age 71 71 71 0cked  1 Age	25.4  Sub-Can  Red  Decidue  Northel  4.9  m 22.4  Sub-Can  Decidue  Witc  Serviceber	popy Species Id Maple Dus Shrubs In Pin Oak  96 In Oak  Species Dus Shrubs In Hazel	Density High Full Medium  51-80 Density Low Medium	N/A  Avg. Height  Variable  5 - 10 feet  Variable  No  N/A  Avg. Height  Variable  5 - 10 feet	Sapling Tall Shrub Sapling Size Tall Shrub Tall Shrub	up about 20%. The overstory oaks are declining. The overstory oak, aspen, and ash have been dying out of the stand for decades. Understory saplings, being mainly red maple mixed with ash and oak, readily fill in canopy gaps. Former understory saplings are now pole sized and make up a majority of the canopy. Allow this process to continue.  This stand has a lot of leatherleaf mixed with sedges. There is a lot of lowland shrub along the east edge of the stand as it grades into pre-inventory stand 48.  The stand was harvested 27 years ago. Currently there is a well stock layer of advance regeneration. There are also some areas that are open. Regeneration would benefit from being released.
Blacc Sv 43	6119 - Mixed Lor Fo Canopy Species Red Maple k/Red (Hybrid) Oak wamp White Oak 6225 4199 - Other Mixed Canopy Species Red Maple White Oak Bigtooth Aspen	wland Decrest  % Cover  30 40 30 - Bog  d Upland D  % Cover  25 10 10	iduous Po  Size Class Pole/Sap/Log Pole/Log/XLog Pole/Log/XLog  Pole/Log/Log  Deciduous Saw  Size Class Pole/Log Log/Pole Log/Pole	DBI	Poer Well  1 Age 71 71 71 0cked  1 Age	25.4  Sub-Can  Red  Decidue  Norther  4.9  m 22.4  Sub-Can  Decidue  Wite  Serviceber  Black/Red	popy Species Id Maple Dus Shrubs In Pin Oak  96  Popy Species Dus Shrubs In Hazel Try (Juneberry)	Density High Full Medium  51-80 Density Low Medium Medium	N/A  Avg. Height  Variable  5 - 10 feet  Variable  No  N/A  Avg. Height  Variable  5 - 10 feet  5 - 10 feet	Sapling Tall Shrub Sapling  Size Tall Shrub Tall Shrub Tall Shrub Sapling Sapling	up about 20%. The overstory oaks are declining. The overstory oak, aspen, and ash have been dying out of the stand for decades. Understory saplings, being mainly red maple mixed with ash and oak, readily fill in canopy gaps. Former understory saplings are now pole sized and make up a majority of the canopy. Allow this process to continue.  This stand has a lot of leatherleaf mixed with sedges. There is a lot of lowland shrub along the east edge of the stand as it grades into pre-inventory stand 48.  The stand was harvested 27 years ago. Currently there is a well stock layer of advance regeneration. There are also some areas that are open. Regeneration would benefit from being released.
8 43 44	6119 - Mixed Lor Fo  Canopy Species  Red Maple k/Red (Hybrid) Oak vamp White Oak  6225  4199 - Other Mixed  Canopy Species  Red Maple White Oak  Bigtooth Aspen k/Red (Hybrid) Oak	wland Decrest  **Cover* 30 40 30 80g  d Upland D  **Cover* 25 10 10 40	iduous Po  Size Class Pole/Sap/Log Pole/Log/XLog Pole/Log/XLog  Pole/Log/Cog  Saw  Size Class Pole/Log Log/Pole Log/Pole Log/Pole	DBI	Poer Well  1 Age 71 71 71 0cked  1 Age	25.4  Sub-Can Red Decidue Norther 4.9  m 22.4  Sub-Can Decidue Wite Serviceber Black/Red	96 sopy Species bus Shrubs rn Pin Oak  96 sopy Species bus Shrubs th Hazel rry (Juneberry) I (Hybrid) Oak	Density High Full Medium  51-80 Density Low Medium Medium High	N/A  Avg. Height  Variable  5 - 10 feet  Variable  No  N/A  Avg. Height  Variable  5 - 10 feet  5 - 10 feet  5 - 10 feet	Sapling Tall Shrub Sapling Size Tall Shrub Tall Shrub Sapling	up about 20%. The overstory oaks are declining. The overstory oak, aspen, and ash have been dying out of the stand for decades. Understory saplings, being mainly red maple mixed with ash and oak, readily fill in canopy gaps. Former understory saplings are now pole sized and make up a majority of the canopy. Allow this process to continue.  This stand has a lot of leatherleaf mixed with sedges. There is a lot of lowland shrub along the east edge of the stand as it grades into pre-inventory stand 48.  The stand was harvested 27 years ago. Currently there is a well stock layer of advance regeneration. There are also some areas that are open. Regeneration would benefit from being released.



Stand	Level 4 Co	over Type	Si			Acres Stand Ag		<u> </u>	Site	General Comments
45	6119 - Mixed Lo Fo	wland Dec rest	iduous Sa	wtimb	er Well	45.1 90	51-80	N/A		The stand is variable and it is a matrix of upland and lowland. The lowland in the stand is the majority. Some areas appear to be very wet
(	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Spec	ies Density	Avg. Height	Size	while others look like they dry up in late summer. The upland in the stand is heavy to oak. All the over story trees in the stand are declining
	Red Maple	45	Log/Pole	12	90	Red Maple	Low	Variable	Sapling	regardless of species. Harvested under contract # 73-015-13-01, Teed
	Red Oak	16	Log/Pole	12		Deciduous Shrub	s Low	< 5 feet	Tall Shrub	Mix in July of 2017. The stand was a heavy shelter-wood retaining 60 B/
	White Oak	25	Log/Pole/XLog	16		Oak (spp.)	Low	Variable	Sapling	of favoring the retention of oak and the removal of ash and multiple
В	Bigtooth Aspen	2	Log	12				1		stemmed maple. Regeneration is minimal at this time. Expected to increase over the next 10+ years.
46	4191 - Mixed Upla Co	ınd Decidu nifer	ous with Sa	wtimb	er Well	11.3 70	111-140	N/A		Un-evenaged stand, 130/70/35 years. Primary age component is 70 years which is most represented by aspen and log/pole oak. 130 year
(	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Spec	ies Density	Avg. Height	Size	age class is represented by XL red oak, white oak, & white pine. 35 year age class is canopy and sub-canopy white pine. Stand is converting to a
	Red Maple	10	Pole/Log	9	70	White Pine	Low	Variable	Pole	white pine stand with an oak component.
	White Oak	15	Log/Pole	13	130	Huckleberry	High	< 5 feet	Tall Shrub	·
В	Bigtooth Aspen	10	Log/Pole	10	70	Black/Red (Hybrid)	Dak Low	10 - 20 feet	Sapling	
Black	k/Red (Hybrid) Oak	30	Pole/Log/Sap	9	70	White Oak	Low	10 - 20 feet	Sapling	
	White Pine	30	Pole/Sap/Log	9	35					•
	6220 - A	ldor/willow		1						
47	0220 7	idei/willow	r	vonst	ocked	23.6		No		The stand has some trees but it is mostly open. The trees are concentrated along the road and along stand 53.
48	6119 - Mixed Lo Fo	wland Dec	iduous Sa	wtimb	er Well	109.2 91	51-80	N/A		concentrated along the road and along stand 53.  The stand is a matrix of upland and lowland with the upland being about 30%. The oak in the stand is declining. This decline is most noticeable
48	6119 - Mixed Lo Fo Canopy Species	wland Dec prest % Cover	iduous Sa	wtimb DBH		109.2 91 Sub-Canopy Spec	ies Density	N/A Avg. Height	Size	concentrated along the road and along stand 53.  The stand is a matrix of upland and lowland with the upland being about
48	6119 - Mixed Lo Fo Canopy Species Red Maple	wland Dec prest <b>% Cover</b> 25	iduous Sa Size Class Pole/Sap/Log	wtimb	er Well	109.2 91  Sub-Canopy Spec  Red Maple	ies Density High	N/A  Avg. Height  Variable	Sapling	concentrated along the road and along stand 53.  The stand is a matrix of upland and lowland with the upland being about 30%. The oak in the stand is declining. This decline is most noticeable on the upland. Some of the low areas have heavy tree fall but regeneration is filling in.
48  Black	6119 - Mixed Lo Fo Canopy Species Red Maple k/Red (Hybrid) Oak	wland Decorest  % Cover  25  25	siduous Sa Size Class Pole/Sap/Log Log/Pole/Sap	wtimb  DBH  8 12	er Well	109.2 91  Sub-Canopy Spec  Red Maple  Deciduous Shrub	ies Density High High	N/A  Avg. Height  Variable  Variable	Sapling Tall Shrub	concentrated along the road and along stand 53.  The stand is a matrix of upland and lowland with the upland being about 30%. The oak in the stand is declining. This decline is most noticeable on the upland. Some of the low areas have heavy tree fall but regeneration is filling in.
48  Black	6119 - Mixed Lo Fo Canopy Species Red Maple	wland Dec prest <b>% Cover</b> 25	iduous Sa Size Class Pole/Sap/Log	wtimb	er Well	109.2 91  Sub-Canopy Spec  Red Maple	ies Density High	N/A  Avg. Height  Variable	Sapling	concentrated along the road and along stand 53.  The stand is a matrix of upland and lowland with the upland being about 30%. The oak in the stand is declining. This decline is most noticeable on the upland. Some of the low areas have heavy tree fall but regeneration is filling in.
48  Black	6119 - Mixed Lo Fo Canopy Species Red Maple k/Red (Hybrid) Oak vamp White Oak	wland Decorest  % Cover  25  25  35	siduous Sa Size Class Pole/Sap/Log Log/Pole/Sap Log/Pole/Sap	<b>DBH</b> 8  12  13	er Well	109.2 91  Sub-Canopy Spec  Red Maple  Deciduous Shrub	ies Density High High	N/A  Avg. Height  Variable  Variable	Sapling Tall Shrub	concentrated along the road and along stand 53.  The stand is a matrix of upland and lowland with the upland being about 30%. The oak in the stand is declining. This decline is most noticeable on the upland. Some of the low areas have heavy tree fall but regeneration is filling in.  The stand is a matrix of uplands and lowlands, with the lowlands being about 75%. The terrain is made up of slight ridges and draws. Most of
48 Black Sw	6119 - Mixed Lo Fo Canopy Species Red Maple k/Red (Hybrid) Oak vamp White Oak	wland Decorest  % Cover 25 25 35 wland Dec	siduous Sa Size Class Pole/Sap/Log Log/Pole/Sap Log/Pole/Sap siduous Po	wtimb  DBH  8 12 13	er Well  I Age	109.2 91  Sub-Canopy Spectors Red Maple Deciduous Shrub Ash (spp.)	ies Density High High Medium	N/A  Avg. Height  Variable  Variable  Variable	Sapling Tall Shrub	concentrated along the road and along stand 53.  The stand is a matrix of upland and lowland with the upland being about 30%. The oak in the stand is declining. This decline is most noticeable on the upland. Some of the low areas have heavy tree fall but regeneration is filling in.
48 Black Sw	6119 - Mixed Lo Fo Canopy Species Red Maple k/Red (Hybrid) Oak vamp White Oak 6119 - Mixed Lo	wland Decorest  Cover  25  25  35  wland Decorest	siduous Sa Size Class Pole/Sap/Log Log/Pole/Sap Log/Pole/Sap siduous Po	wtimb  DBH  8 12 13	er Well  1 Age 91  91  er Well	109.2 91  Sub-Canopy Spectors Red Maple Deciduous Shrub Ash (spp.)  20.1 30	ies Density High High Medium	N/A  Avg. Height  Variable  Variable  Variable  N/A	Sapling Tall Shrub Sapling	concentrated along the road and along stand 53.  The stand is a matrix of upland and lowland with the upland being about 30%. The oak in the stand is declining. This decline is most noticeable on the upland. Some of the low areas have heavy tree fall but regeneration is filling in.  The stand is a matrix of uplands and lowlands, with the lowlands being about 75%. The terrain is made up of slight ridges and draws. Most of
48 Black Sw 49	6119 - Mixed Lo Fo Canopy Species Red Maple k/Red (Hybrid) Oak vamp White Oak 6119 - Mixed Lo Fo Canopy Species	wland Decorest  Cover  25  25  35  wland Decorest  Cover	siduous Sa Size Class Pole/Sap/Log Log/Pole/Sap Log/Pole/Sap siduous Po Size Class	DBH 8 12 13	er Well  1 Age 91 er Well 1 Age	109.2 91  Sub-Canopy Spectors Red Maple Deciduous Shrub Ash (spp.)  20.1 30  Sub-Canopy Spectors	ies Density High High Medium  51-80 ies Density High	N/A  Avg. Height  Variable  Variable  Variable  N/A  Avg. Height	Sapling Tall Shrub Sapling Size	concentrated along the road and along stand 53.  The stand is a matrix of upland and lowland with the upland being about 30%. The oak in the stand is declining. This decline is most noticeable on the upland. Some of the low areas have heavy tree fall but regeneration is filling in.  The stand is a matrix of uplands and lowlands, with the lowlands being about 75%. The terrain is made up of slight ridges and draws. Most of the ridges are less than 1 chain wide.
48 Black Sw 49	6119 - Mixed Lo Fc Canopy Species Red Maple k/Red (Hybrid) Oak vamp White Oak 6119 - Mixed Lo Fc Canopy Species Red Maple	wland Decorest  Cover 25 25 35  wland Decorest  Cover 58	siduous Sa  Size Class Pole/Sap/Log Log/Pole/Sap Log/Pole/Sap siduous Po  Size Class Pole/Sapling	wtimb  DBH  8 12 13  letimb  DBH  5	er Well  91  er Well  1 Age 30	Sub-Canopy Spece Red Maple Deciduous Shrub Ash (spp.)  20.1 30  Sub-Canopy Spece Red Maple	ies Density High High Medium  51-80 ies Density High	N/A  Avg. Height  Variable  Variable  Variable  N/A  Avg. Height  Variable	Sapling Tall Shruk Sapling Size Sapling	concentrated along the road and along stand 53.  The stand is a matrix of upland and lowland with the upland being about 30%. The oak in the stand is declining. This decline is most noticeable on the upland. Some of the low areas have heavy tree fall but regeneration is filling in.  The stand is a matrix of uplands and lowlands, with the lowlands being about 75%. The terrain is made up of slight ridges and draws. Most of the ridges are less than 1 chain wide.
48  Black Sw  49	6119 - Mixed Lo Fo Canopy Species Red Maple k/Red (Hybrid) Oak wamp White Oak 6119 - Mixed Lo Fo Canopy Species Red Maple Red Oak	wland Decorest  % Cover 25 25 35  wland Decorest  % Cover 58 7	siduous Sa  Size Class Pole/Sap/Log Log/Pole/Sap Log/Pole/Sap siduous Po  Size Class Pole/Sapling Log	DBH	er Well  91  er Well  1 Age 30	Sub-Canopy Spece Red Maple Deciduous Shrub Ash (spp.)  20.1 30  Sub-Canopy Spece Red Maple Deciduous Shrub	ies Density High Medium  51-80 ies Density High High Full	N/A  Avg. Height  Variable  Variable  Variable  N/A  Avg. Height  Variable  5 - 10 feet	Sapling Tall Shrut Sapling Size Sapling Tall Shrut	concentrated along the road and along stand 53.  The stand is a matrix of upland and lowland with the upland being about 30%. The oak in the stand is declining. This decline is most noticeable on the upland. Some of the low areas have heavy tree fall but regeneration is filling in.  The stand is a matrix of uplands and lowlands, with the lowlands being about 75%. The terrain is made up of slight ridges and draws. Most of the ridges are less than 1 chain wide.
48  Black Sw  49	6119 - Mixed Lo Fo Canopy Species Red Maple k/Red (Hybrid) Oak wamp White Oak 6119 - Mixed Lo Fo Canopy Species Red Maple Red Oak White Oak k/Red (Hybrid) Oak 6119 - Mixed Lo	wland Decorest  **Cover*   25	Size Class Pole/Sap/Log Log/Pole/Sap Log/Pole/Sap siduous Po Size Class Pole/Sapling Log Log/Pole Log/Pole	DBH   8   12   13	er Well  91  er Well  1 Age 30	Sub-Canopy Spectors Red Maple Deciduous Shrub Ash (spp.)  20.1 30  Sub-Canopy Spectors Red Maple Deciduous Shrub Oak (spp.)	ies Density High Medium  51-80 ies Density High High Full	N/A  Avg. Height  Variable  Variable  Variable  N/A  Avg. Height  Variable  5 - 10 feet	Sapling Tall Shrut Sapling Size Sapling Tall Shrut	The stand is a matrix of upland and lowland with the upland being about 30%. The oak in the stand is declining. This decline is most noticeable on the upland. Some of the low areas have heavy tree fall but regeneration is filling in.  The stand is a matrix of uplands and lowlands, with the lowlands being about 75%. The terrain is made up of slight ridges and draws. Most of the ridges are less than 1 chain wide.  The stand is a matrix of upland and lowland with the lowland being about 60%. The stand appears to dry out in late summer. The overstory oak,
48 Black Sw 49 Black 50	6119 - Mixed Lo Fo Canopy Species Red Maple k/Red (Hybrid) Oak wamp White Oak 6119 - Mixed Lo Fo Canopy Species Red Maple Red Oak White Oak k/Red (Hybrid) Oak 6119 - Mixed Lo	wland Decorest  % Cover	siduous Sa  Size Class Pole/Sap/Log Log/Pole/Sap Log/Pole/Sap siduous Po  Size Class Pole/Sapling Log Log/Pole Log/Pole	DBH   8   12   13	er Well 91 er Well 1 Age 30 95	Sub-Canopy Special Red Maple Deciduous Shrub Ash (spp.)  20.1 30  Sub-Canopy Special Red Maple Deciduous Shrub Oak (spp.)  27.2 55  Sub-Canopy Special Red Maple	ies Density High Medium  51-80 ies Density High S Full Medium  81-110	N/A  Avg. Height  Variable  Variable  N/A  Avg. Height  Variable  5 - 10 feet  Variable	Sapling Tall Shrut Sapling Size Sapling Tall Shrut	concentrated along the road and along stand 53.  The stand is a matrix of upland and lowland with the upland being about 30%. The oak in the stand is declining. This decline is most noticeable on the upland. Some of the low areas have heavy tree fall but regeneration is filling in.  The stand is a matrix of uplands and lowlands, with the lowlands being about 75%. The terrain is made up of slight ridges and draws. Most of the ridges are less than 1 chain wide.  The stand is a matrix of upland and lowland with the lowland being about 60%. The stand appears to dry out in late summer. The overstory oak, aspen, and ash have been dying out of the stand for decades.
48 Black Sw 49 Black 50	6119 - Mixed Lo Fo Canopy Species Red Maple k/Red (Hybrid) Oak vamp White Oak 6119 - Mixed Lo Fo Canopy Species Red Maple Red Oak White Oak k/Red (Hybrid) Oak 6119 - Mixed Lo Fo	wland Decorest  % Cover 25 25 35  wland Decorest  % Cover 58 7 20 15  wland Decorest	siduous Sa  Size Class Pole/Sap/Log Log/Pole/Sap Log/Pole/Sap siduous Po  Size Class Pole/Sapling Log Log/Pole Log/Pole siduous Po	DBH   8   12   13	91 91 Per Well  I Age 30 95 Per Well	Sub-Canopy Spectors Red Maple Deciduous Shrub Ash (spp.)  20.1 30  Sub-Canopy Spectors Red Maple Deciduous Shrub Oak (spp.)  27.2 55	ies Density High Medium  51-80 ies Density High S Full Medium  81-110	N/A  Avg. Height Variable Variable Variable  N/A  Avg. Height Variable 5 - 10 feet Variable	Sapling Tall Shruk Sapling Size Sapling Tall Shruk Sapling	The stand is a matrix of upland and lowland with the upland being about 30%. The oak in the stand is declining. This decline is most noticeable on the upland. Some of the low areas have heavy tree fall but regeneration is filling in.  The stand is a matrix of uplands and lowlands, with the lowlands being about 75%. The terrain is made up of slight ridges and draws. Most of the ridges are less than 1 chain wide.  The stand is a matrix of upland and lowland with the lowland being about 60%. The stand appears to dry out in late summer. The overstory oak,
48 Black Sw 49 Black 50	6119 - Mixed Lo Fo Canopy Species Red Maple k/Red (Hybrid) Oak vamp White Oak 6119 - Mixed Lo Fo Canopy Species Red Maple Red Oak White Oak k/Red (Hybrid) Oak 6119 - Mixed Lo Fo Canopy Species	wland Decorest  % Cover	Size Class Pole/Sap/Log Log/Pole/Sap Log/Pole/Sap iduous Po Size Class Pole/Sapling Log Log/Pole Log/Pole iduous Po Size Class	DBH   8   12   13   13   14   15   15   15   15   15   15   15	91 91 Per Well  I Age 30 95 Per Well  I Age I Age	Sub-Canopy Special Red Maple Deciduous Shrub Ash (spp.)  20.1 30  Sub-Canopy Special Red Maple Deciduous Shrub Oak (spp.)  27.2 55  Sub-Canopy Special Red Maple	ies Density High Medium  51-80 ies Density High Medium  81-110 ies Density High	N/A  Avg. Height  Variable  Variable  Variable  N/A  Avg. Height  Variable  5 - 10 feet  Variable  N/A  Avg. Height	Sapling Tall Shruk Sapling Size Sapling Tall Shruk Sapling Tall Shruk Sapling	The stand is a matrix of upland and lowland with the upland being about 30%. The oak in the stand is declining. This decline is most noticeable on the upland. Some of the low areas have heavy tree fall but regeneration is filling in.  The stand is a matrix of uplands and lowlands, with the lowlands being about 75%. The terrain is made up of slight ridges and draws. Most of the ridges are less than 1 chain wide.  The stand is a matrix of upland and lowland with the lowland being about 60%. The stand appears to dry out in late summer. The overstory oak, aspen, and ash have been dying out of the stand for decades. Understory saplings, being mainly red maple mixed with ash and oak, readily fill in canopy gaps. Former understory saplings are now pole sized and make up a majority of the canopy. Allow this process to
48 Black Sw 49 Black 50	6119 - Mixed Lo Fo Canopy Species Red Maple k/Red (Hybrid) Oak vamp White Oak 6119 - Mixed Lo Fo Canopy Species Red Maple Red Oak White Oak k/Red (Hybrid) Oak 6119 - Mixed Lo Fo Canopy Species Red Maple Red Oak White Oak K/Red (Hybrid) Oak 6119 - Mixed Lo Fo Canopy Species Red Maple	Wland Decorest	siduous Sa  Size Class Pole/Sap/Log Log/Pole/Sap Log/Pole/Sap siduous Po  Size Class Pole/Sapling Log Log/Pole Log/Pole siduous Po  Size Class Pole/Sapling	DBH	er Well  91  91  er Well  1 Age 30 95  er Well  1 Age 55	Sub-Canopy Spectors Red Maple Deciduous Shrub Ash (spp.)  20.1 30  Sub-Canopy Spectors Red Maple Deciduous Shrub Oak (spp.)  27.2 55  Sub-Canopy Spectors Red Maple	ies Density High Medium  51-80 ies Density High Medium  81-110 ies Density High	N/A  Avg. Height Variable Variable Variable  N/A  Avg. Height Variable  5 - 10 feet Variable  N/A  Avg. Height Variable	Sapling Tall Shrut Sapling Size Sapling Tall Shrut Sapling Size Sapling	concentrated along the road and along stand 53.  The stand is a matrix of upland and lowland with the upland being about 30%. The oak in the stand is declining. This decline is most noticeable on the upland. Some of the low areas have heavy tree fall but regeneration is filling in.  The stand is a matrix of uplands and lowlands, with the lowlands being about 75%. The terrain is made up of slight ridges and draws. Most of the ridges are less than 1 chain wide.  The stand is a matrix of upland and lowland with the lowland being about 60%. The stand appears to dry out in late summer. The overstory oak, aspen, and ash have been dying out of the stand for decades. Understory saplings, being mainly red maple mixed with ash and oak, readily fill in canopy gaps. Former understory saplings are now pole



Stand	Level 4 Co	ver Type	Si	ize De	nsity	Acres Stand Age BA	Range	Managed S	Site	General Comments
51	4199 - Other Mixed	Upland D	Deciduous Sa	wtimb	er Well	24.3 89	51-80	N/A		The stand is a matrix of uplands and lowlands with the uplands being
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size	about 60%. There are inclusions of L-types. These inclusions are less than a half acre in size. The over story is declining, especially the oaks.
	Red Maple	45	Pole/Log/Sap	9	89	Red Maple	Medium	Variable	Sapling	Oak and maple saplings are readily filling canopy gaps.
Blac	k/Red (Hybrid) Oak	25	Log/Pole/XLog	13		Tag Alder	Low	5 - 10 feet	Tall Shrub	
	White Oak	8	Log/Pole/XLog	12		Huckleberry	Low	< 5 feet	Tall Shrub	
	Paper Birch	4	Pole/Sapling	5		Witch Hazel	Low	5 - 10 feet	Tall Shrub	
	Bigtooth Aspen	10	Log/Pole	10		Serviceberry (Juneberry)	Low	5 - 10 feet	Tall Shrub	
S	wamp White Oak	5	Log/Pole/XLog	12		Black/Red (Hybrid) Oak	Medium	Variable	Sapling	
	White Pine	3	Log/Pole	10		White Pine	Low	Variable	Sapling	
52	6113 - Low	land Map	le Po	letimb	er Well	9.5 61	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size	
	Red Maple	65	Pole/Sapling	7	61	Deciduous Shrubs	Full	5 - 10 feet	Tall Shrub	
Ν	lorthern Pin Oak	25	Pole/Sapling	7	61					
	Paper Birch	10	Pole/Sapling	6						
53	Conit	erous	•							This stand is in a slight depression. The western portion of the stand i dryer and heavier to white pine and oaks. The eastern portion of the
					1					stand is wetter and is heavier to green ash and red maple.
	Canopy Species	% Cover	Size Class		Age	Sub-Canopy Species	Density	Avg. Height	Size	stand is wetter and is heavier to green ash and red maple.
	Canopy Species Red Maple	<b>% Cover</b> 58	Pole/Sapling	7	60	Red Maple	Medium	Variable	Sapling	stand is wetter and is heavier to green ash and red maple.
	Canopy Species Red Maple White Oak	% Cover 58	Pole/Sapling Log/XLog/Pole	7	60 96	Red Maple White Pine	Medium Medium	Variable Variable	Sapling Sapling	stand is wetter and is heavier to green ash and red maple.
	Canopy Species Red Maple White Oak White Pine	% Cover 58 15 25	Pole/Sapling Log/XLog/Pole Log/Pole/XLog	7 12 12	60	Red Maple White Pine Deciduous Shrubs	Medium Medium Medium	Variable Variable Variable	Sapling Sapling Tall Shrub	stand is wetter and is heavier to green ash and red maple.
	Canopy Species Red Maple White Oak	% Cover 58	Pole/Sapling Log/XLog/Pole	7	60 96	Red Maple White Pine Deciduous Shrubs Ash (spp.)	Medium Medium Medium Medium	Variable Variable Variable Variable	Sapling Sapling Tall Shrub Sapling	stand is wetter and is heavier to green ash and red maple.
	Canopy Species Red Maple White Oak White Pine	% Cover 58 15 25	Pole/Sapling Log/XLog/Pole Log/Pole/XLog	7 12 12	60 96	Red Maple White Pine Deciduous Shrubs	Medium Medium Medium	Variable Variable Variable	Sapling Sapling Tall Shrub	stand is wetter and is heavier to green ash and red maple.
	Canopy Species Red Maple White Oak White Pine	% Cover 58 15 25 2	Pole/Sapling Log/XLog/Pole Log/Pole/XLog Pole/Sapling	7 12 12 7	60 96	Red Maple White Pine Deciduous Shrubs Ash (spp.) Oak (spp.)	Medium Medium Medium Medium	Variable Variable Variable Variable	Sapling Sapling Tall Shrub Sapling	stand is wetter and is heavier to green ash and red maple.  The stand is a matrix of uplands and lowlands, with the uplands being
	Canopy Species Red Maple White Oak White Pine Red Oak	% Cover   58	Pole/Sapling Log/XLog/Pole Log/Pole/XLog Pole/Sapling	7 12 12 7	60 96 60	Red Maple White Pine Deciduous Shrubs Ash (spp.) Oak (spp.)	Medium Medium Medium Medium Medium Medium	Variable Variable Variable Variable Variable Variable	Sapling Sapling Tall Shrub Sapling	The stand is a matrix of uplands and lowlands, with the uplands being about 75%. Seed tree harvested in November of 2016 under contract
	Canopy Species Red Maple White Oak White Pine Red Oak  4126 - White, B	% Cover   58	Pole/Sapling Log/XLog/Pole Log/Pole/XLog Pole/Sapling in Oak Sa	7 12 12 7	60 96 60 er Poor	Red Maple White Pine Deciduous Shrubs Ash (spp.) Oak (spp.)	Medium Medium Medium Medium Medium Medium	Variable Variable Variable Variable Variable Variable	Sapling Sapling Tall Shrub Sapling Sapling	The stand is a matrix of uplands and lowlands, with the uplands being about 75%. Seed tree harvested in November of 2016 under contract # 73-017-13-01, Power Hum Select. Residual BA was 16 sq. ft. Canopy oak was declining pre-harvest. Regeneration is borderline failure, made
	Canopy Species  Red Maple  White Oak  White Pine  Red Oak  4126 - White, B	% Cover	Pole/Sapling Log/XLog/Pole Log/Pole/XLog Pole/Sapling in Oak Sa	7 12 12 7 wtimb	60 96 60 er Poor	Red Maple White Pine Deciduous Shrubs Ash (spp.) Oak (spp.) 30.7 109 Sub-Canopy Species	Medium Medium Medium Medium Medium Medium Medium Density	Variable Variable Variable Variable Variable Variable Avg. Height	Sapling Sapling Tall Shrub Sapling Sapling Sapling	The stand is a matrix of uplands and lowlands, with the uplands being about 75%. Seed tree harvested in November of 2016 under contract #73-017-13-01, Power Hum Select. Residual BA was 16 sq. ft. Canopy oak was declining pre-harvest. Regeneration is borderline failure, madup of scattered oak pockets and red maple stump sprouts. Future standards and red maple stump sprouts.
	Canopy Species Red Maple White Oak White Pine Red Oak  4126 - White, B  Canopy Species Red Maple	% Cover   58   15   25   2	Pole/Sapling Log/XLog/Pole Log/Pole/XLog Pole/Sapling in Oak Sa Size Class Log	7 12 12 7 wtimb DBH 10 15 16	60 96 60 er Poor	Red Maple White Pine Deciduous Shrubs Ash (spp.) Oak (spp.) 30.7 109 Sub-Canopy Species Black/Red (Hybrid) Oak	Medium Medium Medium Medium Medium Medium Medium Loo	Variable Variable Variable Variable Variable Variable Avg. Height < 5 feet	Sapling Sapling Tall Shrub Sapling Sapling Sapling Sapling	The stand is a matrix of uplands and lowlands, with the uplands being about 75%. Seed tree harvested in November of 2016 under contract #73-017-13-01, Power Hum Select. Residual BA was 16 sq. ft. Canopy oak was declining pre-harvest. Regeneration is borderline failure, madup of scattered oak pockets and red maple stump sprouts. Future stan will be low quality without intervention.
54	Canopy Species Red Maple White Oak White Pine Red Oak  4126 - White, B  Canopy Species Red Maple Red Oak	% Cover   58   15   25   2	Pole/Sapling Log/XLog/Pole Log/Pole/XLog Pole/Sapling  in Oak Sa Size Class Log Log/XLog	7 12 12 7 wtimb  DBH 10 15	60 96 60 er Poor	Red Maple White Pine Deciduous Shrubs Ash (spp.) Oak (spp.) 30.7 109 Sub-Canopy Species Black/Red (Hybrid) Oak Red Maple	Medium Medium Medium Medium Medium Medium Medium  1-50  Density Low Medium	Variable Variable Variable Variable Variable Variable  N/A  Avg. Height < 5 feet 5 - 10 feet	Sapling Sapling Tall Shrub Sapling Sapling Sapling Size Sapling Sapling	The stand is a matrix of uplands and lowlands, with the uplands being about 75%. Seed tree harvested in November of 2016 under contract 73-017-13-01, Power Hum Select. Residual BA was 16 sq. ft. Canopy oak was declining pre-harvest. Regeneration is borderline failure, mad up of scattered oak pockets and red maple stump sprouts. Future star will be low quality without intervention.  Stand was discussed at pre-review (2021). S. Nyhoff said stand was lo stocking before it was cut so we agreed it was ok to have a lower stock
54	Canopy Species Red Maple White Oak White Pine Red Oak  4126 - White, B  Canopy Species Red Maple Red Oak White Oak	% Cover	Pole/Sapling Log/XLog/Pole Log/Pole/XLog Pole/Sapling  in Oak Sa Size Class Log Log/XLog Log/XLog	7 12 12 7 wtimb DBH 10 15 16	60 96 60 er Poor	Red Maple White Pine Deciduous Shrubs Ash (spp.) Oak (spp.) 30.7 109 Sub-Canopy Species Black/Red (Hybrid) Oak Red Maple	Medium Medium Medium Medium Medium Medium Medium  1-50  Density Low Medium	Variable Variable Variable Variable Variable Variable  N/A  Avg. Height < 5 feet 5 - 10 feet	Sapling Sapling Tall Shrub Sapling Sapling Sapling Size Sapling Sapling	The stand is a matrix of uplands and lowlands, with the uplands being about 75%. Seed tree harvested in November of 2016 under contract 73-017-13-01, Power Hum Select. Residual BA was 16 sq. ft. Canopy oak was declining pre-harvest. Regeneration is borderline failure, mad up of scattered oak pockets and red maple stump sprouts. Future star will be low quality without intervention.  Stand was discussed at pre-review (2021). S. Nyhoff said stand was lo
<b>54</b>	Canopy Species Red Maple White Oak White Pine Red Oak  4126 - White, B  Canopy Species Red Maple Red Oak White Oak	% Cover	Pole/Sapling Log/XLog/Pole Log/Pole/XLog Pole/Sapling  in Oak Sa Size Class Log Log/XLog Log/XLog Log/XLog Log/XLog	7 12 12 7 wtimb DBH 10 15 16	60 96 60 er Poor I Age	Red Maple White Pine Deciduous Shrubs Ash (spp.) Oak (spp.) 30.7 109 Sub-Canopy Species Black/Red (Hybrid) Oak Red Maple	Medium Medium Medium Medium Medium Medium Medium  1-50  Density Low Medium	Variable Variable Variable Variable Variable Variable  N/A  Avg. Height < 5 feet 5 - 10 feet	Sapling Sapling Tall Shrub Sapling Sapling Sapling Size Sapling Sapling	The stand is a matrix of uplands and lowlands, with the uplands being about 75%. Seed tree harvested in November of 2016 under contract 73-017-13-01, Power Hum Select. Residual BA was 16 sq. ft. Canopy oak was declining pre-harvest. Regeneration is borderline failure, mad up of scattered oak pockets and red maple stump sprouts. Future stan will be low quality without intervention.  Stand was discussed at pre-review (2021). S. Nyhoff said stand was lostocking before it was cut so we agreed it was ok to have a lower stock stand. Planting red pine looks logistically difficult. Decision made to accept regen as is and terminate plan to plant red pine. [KKA, 2021]
54 Blace	Canopy Species Red Maple White Oak White Pine Red Oak  4126 - White, B  Canopy Species Red Maple Red Oak White Oak White Oak Ek/Red (Hybrid) Oak	% Cover	Pole/Sapling Log/XLog/Pole Log/Pole/XLog Pole/Sapling  in Oak Sa Size Class Log Log/XLog Log/XLog Log/XLog Log/XLog	7 12 12 7 wtimb DBH 10 15 16 15	60 96 60 er Poor I Age	Red Maple White Pine Deciduous Shrubs Ash (spp.) Oak (spp.) 30.7 109 Sub-Canopy Species Black/Red (Hybrid) Oak Red Maple Witch Hazel	Medium Medium Medium Medium Medium Medium Medium  1-50  Density Low Medium	Variable Variable Variable Variable Variable Variable  N/A  Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet	Sapling Sapling Tall Shrub Sapling Sapling Sapling Size Sapling Sapling	The stand is a matrix of uplands and lowlands, with the uplands being about 75%. Seed tree harvested in November of 2016 under contract 73-017-13-01, Power Hum Select. Residual BA was 16 sq. ft. Canopy oak was declining pre-harvest. Regeneration is borderline failure, madup of scattered oak pockets and red maple stump sprouts. Future stan will be low quality without intervention.  Stand was discussed at pre-review (2021). S. Nyhoff said stand was lostocking before it was cut so we agreed it was ok to have a lower stock stand. Planting red pine looks logistically difficult. Decision made to accept regen as is and terminate plan to plant red pine. [KKA, 2021]
54 Blace	Canopy Species Red Maple White Oak White Pine Red Oak  4126 - White, B  Canopy Species Red Maple Red Oak White Oak White Oak Ek/Red (Hybrid) Oak	% Cover	Pole/Sapling Log/XLog/Pole Log/Pole/XLog Pole/Sapling  in Oak Sa Size Class Log Log/XLog Log/XLog Log/XLog Log/XLog	7 12 12 7 wtimb DBH 10 15 16 15	60 96 60 er Poor I Age	Red Maple White Pine Deciduous Shrubs Ash (spp.) Oak (spp.) 30.7 109 Sub-Canopy Species Black/Red (Hybrid) Oak Red Maple Witch Hazel  3.8 Sub-Canopy Species	Medium Medium Medium Medium Medium  1-50  Density Low Medium Medium  Medium	Variable Variable Variable Variable Variable Variable  N/A  Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet	Sapling Sapling Tall Shrub Sapling Sapling Sapling Size Sapling Sapling Tall Shrub	The stand is a matrix of uplands and lowlands, with the uplands being about 75%. Seed tree harvested in November of 2016 under contract #73-017-13-01, Power Hum Select. Residual BA was 16 sq. ft. Canopy oak was declining pre-harvest. Regeneration is borderline failure, made up of scattered oak pockets and red maple stump sprouts. Future stan will be low quality without intervention.  Stand was discussed at pre-review (2021). S. Nyhoff said stand was low stocking before it was cut so we agreed it was ok to have a lower stock stand. Planting red pine looks logistically difficult. Decision made to accept regen as is and terminate plan to plant red pine. [KKA, 2021]  The stand is open with heavy blueberry and other deciduous shrubs. There is also a component of grass.
54	Canopy Species Red Maple White Oak White Pine Red Oak  4126 - White, B  Canopy Species Red Maple Red Oak White Oak White Oak Ek/Red (Hybrid) Oak	% Cover	Pole/Sapling Log/XLog/Pole Log/Pole/XLog Pole/Sapling  in Oak Sa Size Class Log Log/XLog Log/XLog Log/XLog Log/XLog	7 12 12 7 wtimb DBH 10 15 16 15	60 96 60 er Poor I Age	Red Maple White Pine Deciduous Shrubs Ash (spp.) Oak (spp.) 30.7 109 Sub-Canopy Species Black/Red (Hybrid) Oak Red Maple Witch Hazel	Medium Medium Medium Medium Medium  1-50  Density Low Medium Medium  Medium	Variable Variable Variable Variable Variable Variable  N/A  Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet	Sapling Sapling Tall Shrub Sapling Sapling Sapling Size Sapling Sapling Tall Shrub	The stand is a matrix of uplands and lowlands, with the uplands being about 75%. Seed tree harvested in November of 2016 under contract #73-017-13-01, Power Hum Select. Residual BA was 16 sq. ft. Canopy oak was declining pre-harvest. Regeneration is borderline failure, made up of scattered oak pockets and red maple stump sprouts. Future stand will be low quality without intervention.  Stand was discussed at pre-review (2021). S. Nyhoff said stand was low stocking before it was cut so we agreed it was ok to have a lower stocking before it was cut so we agreed it was ok to have a lower stocking before it said and terminate plan to plant red pine. [KKA, 2021]  The stand is open with heavy blueberry and other deciduous shrubs. There is also a component of grass.



Stand	d Level 4 Co	ver Type	s	ize De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
56	4124 - Red w			awtimb	er Well	26.2	96	111-140	N/A		This stand is a matrix of uplands and lowlands, with the uplands being about 80%. The stand is mainly on a ridge. However, there are some
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	draws running through it.
	Red Maple	25	Log/Pole	12		Re	ed Maple	High	Variable	Sapling	
	Red Oak	40	Log/Pole/XLog	14	96	W	hite Pine	Medium	Variable	Sapling	
	White Oak	20	Log/Pole/XLog	14		Decid	uous Shrubs	Low	Variable	Tall Shrub	
	Bigtooth Aspen	10	Log	14		O	ak (spp.)	Medium	Variable	Sapling	
	White Pine	5	Pole/Sap/Log	7							
57	4126 - White, B	lack, N. P	in Oak Saw	vtimber	· Mediu	m 34.5	94	1-50	N/A		The stand is on a ridge. The over story oaks are declining. When the
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	dead oak falls down, it is being collected by the private land owner to the north. The stand has a network of lightly used ORV trails in it that look to
	Red Maple	15	Pole/Sap/Log	8		Wi	tch Hazel	Low	5 - 10 feet	Tall Shrub	be used for removing the downed wood. Stand was setup for harvest
	White Oak	20	Log	12		Servicebe	erry (Juneberry)	Low	Variable	Tall Shrub	during the last planning cycle. Good crop of natural regeneration moving
Bla	ck/Red (Hybrid) Oak	65	Log/Pole	11	94	Black/Re	ed (Hybrid) Oak	Medium	10 - 20 feet	Sapling	towards pole size.
			-			W	hite Oak	Low	10 - 20 feet	Sapling	
58	4126 - White, B	lack, N. P	in Oak Saw	vtimber	Mediu	m 12.6	95	1-50	N/A		New stand added. Over story is declining especially oak. Much of the
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	over story is down. This has made the stand look like a seed tree/shelter wood harvest. It has good advanced regeneration. Less BA and smaller
	Red Maple	20	Pole/Log/Sap	7		Decid	uous Shrubs	Medium	Variable	Tall Shrub	
	White Oak	40	Log	15	95	Wi	tch Hazel	Medium	5 - 10 feet	Tall Shrub	
Bla	ck/Red (Hybrid) Oak	30	Log	14	95	W	hite Oak	Medium	10 - 20 feet	Sapling	
	White Pine	10	Pole/Log/Sap	8		Black/Re	ed (Hybrid) Oak	Medium	10 - 20 feet	Sapling	
59	6220 - Al	der/willow	,	Nonsto	cked	4.3			No		
60	6127 - Lo	wland Pine	e Po	oletimb	er Well	13.5	69	141-170	N/A		The stand is thick with white pine poles with pockets of large diameter
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	white pine and other trees along the south edge.
	Red Maple	11	Pole/Sap/Log	8			hite Pine	Full	Variable	Sapling	
	White Oak	10	Pole/Sap/Log	9							
	Bigtooth Aspen	5	Pole	5							
Bla	ck/Red (Hybrid) Oak	14	Pole/Sap/Log	8							
	White Pine	60	Pole/Sap/Log	8	69						
61	42200 - Natu	ral White I	Pine Po	oletimb	er Well	12.2	60	51-80	N/A		The stand is variable going from open to fully stocked poles to oversized
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	white pine logs.
	Red Maple	10	Pole/Sap/Log	8		W	hite Pine	Medium	Variable	Sapling	
	White Oak	2	Log/Pole	12		Hu	ckleberry	High	< 5 feet	Tall Shrub	
	Bigtooth Aspen	2	Pole	7			•			1	
Bla	ck/Red (Hybrid) Oak	4	Log/Pole/Sap	10							
	White Pine	80	Pole/Sap/Log	8	60						
	Red Pine	2	Loa	12							

Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
62	3105 - Mixed Up	oland Herba	aceous	Nonsto	ocked	20.7					This is the ROW for US-10. This is mostly grassy but the road is paved and is in the stand. There are some lower areas in it were the lowlands touch the stand.
63	6224 - T	reed Bog		Nonsto	ocked	13.1			No		
						Sub-Car	nopy Species	Density	Avg. Height	Size	
						Lea	atherleaf	Full	< 5 feet	Tall Shrub	
						Wh	ite Pine	Medium	Variable	Sapling	
						Pap	er Birch	Low	10 - 20 feet	Sapling	
64	4126 - White, B	Black, N. Pi	n Oak S	Sawtimb	er Well	9.1	91	81-110	N/A		Medium to high quality oak with scattered pine/hemlock/aspen. Canopy
(	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	gaps are filling in with pole sized maple.
	Red Maple	10	Pole	8		Red	d Maple	Low	Variable	Sapling	
	Red Oak	30	Log	13	91	Wh	ite Pine	Low	Variable	Sapling	
	White Oak	30	Log/Pole	13		Servicebe	rry (Juneberry)	Medium	5 - 10 feet	Tall Shrub	
Е	Bigtooth Aspen	5	Log	10		Black/Red	d (Hybrid) Oak	Low	Variable	Sapling	
Black	k/Red (Hybrid) Oak	20	Log/Pole	10	91						
	Hemlock	2	Log	12							
	White Pine	3	XLog/Log	18							
65	500 -	Water		Nonsto	ocked	1.3			No		
	42201 - Natural \	Nhite Pine	Mixed F	Poletimb	er Well	l 15.8	60	111-140	N/A		White pine stand. Deciduous species in the stand are slightly older.
66	42201 - Natural V Deci	White Pine, duous	, Mixed F	Poletimb		15.8	60	111-140	N/A		White pine stand. Deciduous species in the stand are slightly older. Upland stand with lowland pockets. East end is lowest in elevation, dries
					er Well		60 nopy Species	111-140  Density	N/A Avg. Height	Size	
	Deci	duous		<b>DB</b> H		Sub-Car				<b>Size</b> Sapling	Upland stand with lowland pockets. East end is lowest in elevation, dries
	Deci Canopy Species	duous % Cover	Size Class	DBH	I Age	<b>Sub-Car</b> Wh	nopy Species	Density	Avg. Height		Upland stand with lowland pockets. East end is lowest in elevation, dries
(	Deci  Canopy Species  Red Maple	% Cover	Size Class Pole/Log	<b>DB</b> H	I Age	<b>Sub-Car</b> Wh	nopy Species nite Pine	<b>Density</b> Low	Avg. Height Variable	Sapling	Upland stand with lowland pockets. East end is lowest in elevation, dries
(	Canopy Species Red Maple White Oak	% Cover	Size Class Pole/Log Log	<b>DBH</b> 8 14 10 9	70 70	<b>Sub-Car</b> Wh	nopy Species nite Pine	<b>Density</b> Low	Avg. Height Variable	Sapling	Upland stand with lowland pockets. East end is lowest in elevation, dries
(	Deci Canopy Species Red Maple White Oak Quaking Aspen	## duous ### ### ### #######################	Size Class Pole/Log Log Log/Pole	<b>DBH</b> 8 14 10 9	70	<b>Sub-Car</b> Wh	nopy Species nite Pine	<b>Density</b> Low	Avg. Height Variable	Sapling	Upland stand with lowland pockets. East end is lowest in elevation, dries
(	Canopy Species Red Maple White Oak Quaking Aspen k/Red (Hybrid) Oak White Pine 6119 - Mixed Lo	## Cover	Size Class Pole/Log Log Log/Pole Pole/Log/Sap Pole/Sap/Log	<b>DBH</b> 8 14 10 9	70 70 60	<b>Sub-Car</b> Wh Huc	nopy Species nite Pine	<b>Density</b> Low	Avg. Height Variable	Sapling	Upland stand with lowland pockets. East end is lowest in elevation, dries out in the summer.  The stand is variable going from aspen/maple along the road to maple/ash/oak along the western edge of the stand. There are inclusions
67	Canopy Species Red Maple White Oak Quaking Aspen k/Red (Hybrid) Oak White Pine 6119 - Mixed Lo	## duous  ### Cover    10	Size Class  Pole/Log  Log  Log/Pole  Pole/Log/Sap  Pole/Sap/Log  duous  F	B   8   14   10   9   9   9   Poletimb	70 70 60	Sub-Car Wh Huc	nopy Species nite Pine ckleberry	Density  Low  High	Avg. Height  Variable  < 5 feet	Sapling	Upland stand with lowland pockets. East end is lowest in elevation, dries out in the summer.  The stand is variable going from aspen/maple along the road to
67	Canopy Species Red Maple White Oak Quaking Aspen k/Red (Hybrid) Oak White Pine  6119 - Mixed Lo	duous  % Cover  10  5  5  20  60  wland Decirest	Size Class  Pole/Log  Log  Log/Pole  Pole/Log/Sap  Pole/Sap/Log  duous  F	DBH	70 70 60	Sub-Car Wh Huc 39.9	nopy Species hite Pine kleberry	Density Low High	Avg. Height  Variable  < 5 feet  N/A	Sapling Tall Shrub	Upland stand with lowland pockets. East end is lowest in elevation, dries out in the summer.  The stand is variable going from aspen/maple along the road to maple/ash/oak along the western edge of the stand. There are inclusions
67	Canopy Species Red Maple White Oak Quaking Aspen k/Red (Hybrid) Oak White Pine 6119 - Mixed Lo Fo Canopy Species	## duous  ## Cover    10	Size Class Pole/Log Log Log/Pole Pole/Log/Sap Pole/Sap/Log duous F Size Class Sapling/Pole Sapling/Pole	BH	70 70 60 eer Well	Sub-Car Wh Huc 39.9 Sub-Car	nopy Species hite Pine skleberry  40  nopy Species	Density Low High  1-50  Density	Avg. Height Variable < 5 feet  N/A  Avg. Height	Sapling Tall Shrub Size Sapling Tall Shrub	Upland stand with lowland pockets. East end is lowest in elevation, dries out in the summer.  The stand is variable going from aspen/maple along the road to maple/ash/oak along the western edge of the stand. There are inclusions of L-type in the stand but they are less than 1 acre in size.
67	Deci Canopy Species Red Maple White Oak Quaking Aspen K/Red (Hybrid) Oak White Pine 6119 - Mixed Lo Fo Canopy Species Red Maple	## duous  ## Cover    10	Size Class Pole/Log Log Log/Pole Pole/Log/Sap Pole/Sap/Log duous F Size Class Sapling/Pole	BH	70 70 60 eer Well	Sub-Car Wh Huc	nopy Species hite Pine skleberry  40  nopy Species d Maple	Density  Low High  1-50  Density Medium	Avg. Height Variable < 5 feet  N/A  Avg. Height Variable	Sapling Tall Shrub Size Sapling	Upland stand with lowland pockets. East end is lowest in elevation, dries out in the summer.  The stand is variable going from aspen/maple along the road to maple/ash/oak along the western edge of the stand. There are inclusions of L-type in the stand but they are less than 1 acre in size.
67	Canopy Species Red Maple White Oak Quaking Aspen k/Red (Hybrid) Oak White Pine 6119 - Mixed Lo Fo Canopy Species Red Maple White Oak	## duous  ## Cover    10	Size Class Pole/Log Log Log/Pole Pole/Log/Sap Pole/Sap/Log duous F Size Class Sapling/Pole Sapling/Pole	DBH	70 70 60 eer Well	Sub-Car Wh Huc	40 nopy Species d Maple ous Shrubs	Density  Low High  1-50  Density Medium High Low	Avg. Height Variable < 5 feet  N/A  Avg. Height Variable Variable	Sapling Tall Shrub Size Sapling Tall Shrub	Upland stand with lowland pockets. East end is lowest in elevation, dries out in the summer.  The stand is variable going from aspen/maple along the road to maple/ash/oak along the western edge of the stand. There are inclusions of L-type in the stand but they are less than 1 acre in size.



Stan	d Level 4 Co	ver Type	Size Density		nsity	Acres Stand	Age BA	Range	Managed S	Site	General Comments
68	4119 - Mixed No	rthern Hard	dwoods Saw	timbei	Mediu	m 12.8 94		51-80	N/A		The stand was harvested by selection removing 50 BA. The residual t
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy S	pecies	Density	Avg. Height	Size	was left, after harvest, was around 70 BA. During the harvest there was significant damage to the residual but it was acceptable. Also there we
	Red Maple	60	Log/Pole	10	94	Deciduous Sap	plings	Low	Variable	Sapling	small areas that were heavily rutted. The stand was harvested in 2010
	White Oak	10	Log	13		Deciduous Sh	rubs	Medium	Variable	Tall Shrub	White pine is seeding in.
Bla	ack/Red (Hybrid) Oak	15	Log/Pole	12		Serviceberry (Jui	neberry)	Low	5 - 10 feet	Tall Shrub	
	White Pine	15	XLog/Log	18		Musclewood/Ho	rnbeam	Medium	5 - 10 feet	Tall Shrub	
		- 1				White Pin	е	Low	5 - 10 feet	Sapling	
69	6225	- Bog	1	Nonsto	ocked	13.7	Im	nmature	No		
						Sub-Canopy S	pecies	Density	Avg. Height	Size	
						Leatherlea	af	Full		Tall Shrub	
70	4124 - Red w	vith White (	Dak Sa	wtimb	er Well	73.0 10	1 1	11-140	N/A		The stand is undulating and is a matrix of uplands and lowlands. The
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy S	pecies	Density	Avg. Height	Size	uplands are about 75% of the stand. There are many over sized log trees. Also, there is signs of decline in the over story and significant
	Red Maple	24	Log/Pole	12		Red Maple	е	High	Variable	Sapling	down woody material. Under-story is dominated by white pine.
	Red Oak	40	Log/Pole/XLog	16	101	Beech		Low	Variable	Sapling	
	White Oak	23	Log/Pole/XLog	17		Deciduous Sap	plings	Medium	Variable	Sapling	
	Bigtooth Aspen	3	Pole	9		Deciduous Sh	nrubs	Medium	Variable	Tall Shrub	
	White Pine	7	XLog/Log	18		White Pin	е	High	10 - 20 feet	Sapling	
	Cottonwood	3	XLog	28							
71	4126 - White, B	lack, N. Pi	n Oak Sa	wtimb	er Well	11.5 95	5	51-80	N/A		The over story is declining. However, the stand has an under story of
71	4126 - White, B	-			er Well					Size	The over story is declining. However, the stand has an under story of poles. The eastern portion of the stand has more aspen and white
71	Canopy Species	% Cover	Size Class	DBH	er Well	Sub-Canopy S	pecies	Density	Avg. Height	Size Tall Shrub	poles. The eastern portion of the stand has more aspen and white pines. The western portion of the stand is heavier to oak.
71		-			I Age		pecies rubs			Size Tall Shrub	poles. The eastern portion of the stand has more aspen and white pines. The western portion of the stand is heavier to oak.
71	Canopy Species Red Maple White Oak	% Cover 5 40	Size Class Pole/Log/Sap Log/Pole	9 12		Sub-Canopy S Deciduous Sh Black/Red (Hybr	ipecies nrubs rid) Oak	Density Medium Medium	Avg. Height Variable >20 feet	Tall Shrub	poles. The eastern portion of the stand has more aspen and white pines. The western portion of the stand is heavier to oak.
	Canopy Species Red Maple	% Cover	Size Class Pole/Log/Sap	<b>DB</b> H	I Age	Sub-Canopy S Deciduous Sh	ipecies nrubs rid) Oak	<b>Density</b> Medium	Avg. Height Variable	Tall Shrub Pole	poles. The eastern portion of the stand has more aspen and white pines. The western portion of the stand is heavier to oak.
	Canopy Species  Red Maple  White Oak  Bigtooth Aspen	% Cover 5 40 15	Size Class Pole/Log/Sap Log/Pole Log/Pole	9 12 10	95	Sub-Canopy S Deciduous Sh Black/Red (Hybr	ipecies nrubs rid) Oak	Density Medium Medium	Avg. Height Variable >20 feet	Tall Shrub Pole	poles. The eastern portion of the stand has more aspen and white pines. The western portion of the stand is heavier to oak.
Bla	Canopy Species  Red Maple  White Oak  Bigtooth Aspen  ack/Red (Hybrid) Oak	% Cover 5 40 15 30 10	Size Class Pole/Log/Sap Log/Pole Log/Pole Log/Pole Pole/Sap/Log	9 12 10 10	95 95	Sub-Canopy S Deciduous Sh Black/Red (Hybr	ipecies nrubs rid) Oak	Density Medium Medium	Avg. Height Variable >20 feet	Tall Shrub Pole	poles. The eastern portion of the stand has more aspen and white pines. The western portion of the stand is heavier to oak.  The stand is mainly lowland shrubs. There are inclusions of trees
Bla	Canopy Species  Red Maple  White Oak  Bigtooth Aspen ack/Red (Hybrid) Oak  White Pine  6229 - Mixed	% Cover 5 40 15 30 10	Size Class Pole/Log/Sap Log/Pole Log/Pole Log/Pole Pole/Sap/Log	9 12 10 10 6 Nonsto	95 95 ocked	Sub-Canopy S Deciduous Sh Black/Red (Hybr White Pine	pecies nrubs rid) Oak e	Density Medium Medium	Avg. Height  Variable  >20 feet  >20 feet	Tall Shrub Pole	poles. The eastern portion of the stand has more aspen and white pines. The western portion of the stand is heavier to oak.  The stand is mainly lowland shrubs. There are inclusions of trees especially along the edges and the paper birch is scattered throughout the stand.  Harvested under contract 73-062-85-01, The Long Goodbye in 1987.
Bla <b>72</b>	Canopy Species  Red Maple  White Oak  Bigtooth Aspen ack/Red (Hybrid) Oak  White Pine  6229 - Mixed	% Cover 5 40 15 30 10 lowland sh	Size Class Pole/Log/Sap Log/Pole Log/Pole Log/Pole Pole/Sap/Log  rrub  Po Size Class	9 12 10 10 6 Nonsto	95 95 ocked	Sub-Canopy S Deciduous Sh Black/Red (Hybr White Pine	Species nrubs rid) Oak e	Density  Medium  Medium  Medium	Avg. Height Variable >20 feet >20 feet No	Tall Shrub Pole	poles. The eastern portion of the stand has more aspen and white pines. The western portion of the stand is heavier to oak.  The stand is mainly lowland shrubs. There are inclusions of trees especially along the edges and the paper birch is scattered throughout the stand.  Harvested under contract 73-062-85-01, The Long Goodbye in 1987. Clear-cut 4" and up.This area is upland and the regeneration is good.
Bla <b>72</b>	Canopy Species  Red Maple  White Oak  Bigtooth Aspen ack/Red (Hybrid) Oak  White Pine  6229 - Mixed	% Cover 5 40 15 30 10 lowland sh	Size Class Pole/Log/Sap Log/Pole Log/Pole Log/Pole Pole/Sap/Log	9 12 10 10 6 Nonsto	95 95 ocked	Sub-Canopy S Deciduous Sh Black/Red (Hybr White Pine  7.9  32.7 33	Species  nrubs  rid) Oak  e	Density Medium Medium Medium Medium Medium Density	Avg. Height Variable >20 feet >20 feet No	Tall Shrub Pole Pole	The stand is mainly lowland shrubs. There are inclusions of trees especially along the edges and the paper birch is scattered throughouthe stand.  Harvested under contract 73-062-85-01, The Long Goodbye in 1987. Clear-cut 4" and up.This area is upland and the regeneration is good. The stand is a mixture of oak and aspen mainly. There are some small
Bla <b>72</b>	Canopy Species  Red Maple  White Oak  Bigtooth Aspen ack/Red (Hybrid) Oak  White Pine  6229 - Mixed  4131 - As	% Cover 5 40 15 30 10 lowland shapen, Oak % Cover	Size Class Pole/Log/Sap Log/Pole Log/Pole Log/Pole Pole/Sap/Log  rrub  Po Size Class	9 12 10 10 6 Nonsto	95 95 ocked	Sub-Canopy S Deciduous Sh Black/Red (Hybr White Pine  7.9  32.7 33 Sub-Canopy S	Species  nrubs  rid) Oak  e	Density Medium Medium Medium Medium Medium Density	Avg. Height Variable >20 feet >20 feet No N/A Avg. Height	Tall Shrub Pole Pole Size	The stand is mainly lowland shrubs. There are inclusions of trees especially along the edges and the paper birch is scattered throughouthe stand.  Harvested under contract 73-062-85-01, The Long Goodbye in 1987. Clear-cut 4" and up. This area is upland and the regeneration is good. The stand is a mixture of oak and aspen mainly. There are some small
Bla <b>72</b>	Canopy Species  Red Maple  White Oak  Bigtooth Aspen ack/Red (Hybrid) Oak  White Pine  6229 - Mixed  4131 - As  Canopy Species  Red Maple	% Cover 5 40 15 30 10 lowland sh	Size Class Pole/Log/Sap Log/Pole Log/Pole Log/Pole Pole/Sap/Log  nrub Po Size Class Sapling/Pole	9 12 10 10 6 Sonsto	95 95 ocked	Sub-Canopy S Deciduous Sh Black/Red (Hybr White Pine  7.9  32.7 33 Sub-Canopy S	Species  nrubs  rid) Oak  e	Density Medium Medium Medium Medium Medium Density	Avg. Height Variable >20 feet >20 feet No N/A Avg. Height	Tall Shrub Pole Pole Size	The stand is mainly lowland shrubs. There are inclusions of trees especially along the edges and the paper birch is scattered throughouthe stand.  Harvested under contract 73-062-85-01, The Long Goodbye in 1987. Clear-cut 4" and up. This area is upland and the regeneration is good. The stand is a mixture of oak and aspen mainly. There are some small
Bla	Canopy Species  Red Maple  White Oak  Bigtooth Aspen ack/Red (Hybrid) Oak  White Pine  6229 - Mixed  4131 - Ast  Canopy Species  Red Maple  White Oak	% Cover   5   40   15   30   10   10   10   10   10   10   17   17	Size Class Pole/Log/Sap Log/Pole Log/Pole Log/Pole Pole/Sap/Log  Prub  Po Size Class Sapling/Pole Sapling/Pole	9 12 10 10 6 Nonsto	95 95 ocked	Sub-Canopy S Deciduous Sh Black/Red (Hybr White Pine  7.9  32.7 33 Sub-Canopy S	Species  nrubs  rid) Oak  e	Density Medium Medium Medium Medium Medium Density	Avg. Height Variable >20 feet >20 feet No N/A Avg. Height	Tall Shrub Pole Pole Size	The stand is mainly lowland shrubs. There are inclusions of trees especially along the edges and the paper birch is scattered throughouthe stand.  Harvested under contract 73-062-85-01, The Long Goodbye in 1987. Clear-cut 4" and up. This area is upland and the regeneration is good. The stand is a mixture of oak and aspen mainly. There are some small
72	Canopy Species  Red Maple  White Oak  Bigtooth Aspen ack/Red (Hybrid) Oak  White Pine  6229 - Mixed  4131 - As  Canopy Species  Red Maple  White Oak  Paper Birch	% Cover 5 40 15 30 10 10 10 10 10 10 10 17 3 5 5	Size Class Pole/Log/Sap Log/Pole Log/Pole Log/Pole Pole/Sap/Log  Pole/Sap/Log  Pole/Sap/Log  Size Class Sapling/Pole Sapling/Pole Sapling/Pole	9	95 95 ocked	Sub-Canopy S Deciduous Sh Black/Red (Hybr White Pine  7.9  32.7 33 Sub-Canopy S	Species  nrubs  rid) Oak  e	Density Medium Medium Medium Medium Medium Density	Avg. Height Variable >20 feet >20 feet No N/A Avg. Height	Tall Shrub Pole Pole Size	The stand is mainly lowland shrubs. There are inclusions of trees especially along the edges and the paper birch is scattered throughouthe stand.  Harvested under contract 73-062-85-01, The Long Goodbye in 1987. Clear-cut 4" and up. This area is upland and the regeneration is good. The stand is a mixture of oak and aspen mainly. There are some small



Stand	d Level 4 Co	ver Type			Size Density		Stand Age B		Managed S	JILC .	General Comments MICHIGAN
74	6113 - Low	land Mapl	le Po	letimb	er Well	11.0	60	51-80	N/A		This stand is in a slight depression. There are large over story oaks and maples. Primary stand is pole size maple and oak over a thick
	.,,,	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	understory of maple, ash, and deciduous shrubs.
	Red Maple	75	Pole/Sap/Log	9	60		Beech	Low	Variable	Sapling	
Blad	ck/Red (Hybrid) Oak	25	Pole/Sap/Log	9	60	Decidu	ious Shrubs	High	Variable	Tall Shrub	
						Re	d Maple	Medium	10 - 20 feet	Sapling	
75	6113 - Low	land Mapl	le Sa	wtimb	er Well	10.0	96	81-110	N/A		This stand is a matrix of uplands and lowlands, with the lowlands being the majority. The stand has several drainages running through it.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	the majority. The stand has several dramages forming through it.
	Red Maple	60	Log/Pole	12	96	Wh	nite Pine	Low	Variable	Sapling	
	Red Oak	20	Log/Pole/XLog	12		Deciduo	ous Saplings	Medium	Variable	Sapling	
	White Oak	15	Log/Pole/XLog	15		Decidu	ious Shrubs	Medium	Variable	Tall Shrub	
	White Pine	5	Log/XLog	16							
76	122 - Road/	/Parking L	ot N	Vonsto	cked	19.3					This is the ROW for Saginaw road and the Pere-Marquette rail to trail. This is mostly grassy but the road and the trail are paved. There are some lower areas in the stand. They are located were the lowland stand, to the south, touch this stand. south touch the stand.
77	6119 - Mixed Lov	iduous Sa	us Sawtimber Well		45.4 90		141-170	N/A		The stand is the flood plain of the Teed Drain. The terrain is rolling to	
• •	For	rest				43.4	90	141-170	11/74		undulating. It is a matrix of upland and lowland with the lowland being
	Canopy Species		Size Class	DBH	Age		nopy Species	Density	Avg. Height	Size	undulating. It is a matrix of upland and lowland with the lowland being the majority.
- '			Size Class Log/Pole/XLog	<b>DBH</b>		Sub-Car				<b>Size</b> Sapling	undulating. It is a matrix of upland and lowland with the lowland being
	Canopy Species	% Cover			Age	Sub-Car	nopy Species	Density	Avg. Height		undulating. It is a matrix of upland and lowland with the lowland being
	Canopy Species Red Maple	<b>% Cover</b> 41	Log/Pole/XLog	14	Age	Sub-Car Red He	nopy Species d Maple	<b>Density</b> Medium	Avg. Height Variable	Sapling	undulating. It is a matrix of upland and lowland with the lowland being
	Canopy Species Red Maple Beech	% Cover 41 2	Log/Pole/XLog Log/Pole Log/XLog Log/XLog	14	Age	Sub-Car Red He	nopy Species d Maple emlock	Density  Medium  Low	Avg. Height Variable Variable	Sapling Pole	undulating. It is a matrix of upland and lowland with the lowland being
	Canopy Species Red Maple Beech Red Oak	% Cover 41 2 10	Log/Pole/XLog Log/Pole Log/XLog	14 14 15	Age	Sub-Car Red He	nopy Species d Maple emlock	Density  Medium  Low	Avg. Height Variable Variable	Sapling Pole	undulating. It is a matrix of upland and lowland with the lowland being
	Canopy Species  Red Maple  Beech  Red Oak  White Oak	% Cover 41 2 10 10	Log/Pole/XLog Log/Pole Log/XLog Log/XLog	14 14 15 16 13 15	Age	Sub-Car Red He	nopy Species d Maple emlock	Density  Medium  Low	Avg. Height Variable Variable	Sapling Pole	undulating. It is a matrix of upland and lowland with the lowland being
	Canopy Species  Red Maple  Beech  Red Oak  White Oak  Bigtooth Aspen	% Cover	Log/Pole/XLog Log/Pole Log/XLog Log/XLog Log/Pole	14 14 15 16 13	Age	Sub-Car Red He	nopy Species d Maple emlock	Density  Medium  Low	Avg. Height Variable Variable	Sapling Pole	undulating. It is a matrix of upland and lowland with the lowland being
Blad	Canopy Species  Red Maple  Beech  Red Oak  White Oak  Bigtooth Aspen  ck/Red (Hybrid) Oak  White Pine  Hemlock	% Cover	Log/Pole/XLog Log/Pole Log/XLog Log/XLog Log/Pole Log/XLog	14 14 15 16 13 15	Age	Sub-Car Red He	nopy Species d Maple emlock	Density  Medium  Low	Avg. Height Variable Variable	Sapling Pole	undulating. It is a matrix of upland and lowland with the lowland being
Blad	Canopy Species  Red Maple  Beech  Red Oak  White Oak  Bigtooth Aspen  ck/Red (Hybrid) Oak  White Pine	% Cover	Log/Pole/XLog Log/Pole Log/XLog Log/XLog Log/Pole Log/XLog XLog/Log	14 14 15 16 13 15 18	Age	Sub-Car Red He	nopy Species d Maple emlock	Density  Medium  Low	Avg. Height Variable Variable	Sapling Pole	undulating. It is a matrix of upland and lowland with the lowland being
Blac	Canopy Species  Red Maple  Beech  Red Oak  White Oak  Bigtooth Aspen  ck/Red (Hybrid) Oak  White Pine  Hemlock  Swamp White Oak  4131 - As	% Cover	Log/Pole/XLog Log/Pole Log/XLog Log/YLog Log/YLog XLog/Log XLog/Log XLog/Log Log/XLog Pole Pole	14 14 15 16 13 15 18 12 16	Age 90 Mediur	Sub-Car Rei He Musclewo	nopy Species d Maple emlock bod/Hornbeam	Density  Medium  Low  High	Avg. Height Variable Variable Variable N/A	Sapling Pole Sapling	undulating. It is a matrix of upland and lowland with the lowland being the majority.  Harvested under contract 73-062-85-01, The Long Goodbye in 1987.
Blad	Canopy Species  Red Maple  Beech  Red Oak  White Oak  Bigtooth Aspen ck/Red (Hybrid) Oak  White Pine  Hemlock  Swamp White Oak  4131 - As  Canopy Species	% Cover  41 2 10 10 10 5 10 2 10 2 10 Spen, Oak	Log/Pole/XLog Log/Pole Log/XLog Log/YLog Log/XLog XLog/Log XLog/Log Log/XLog Pole Size Class	14 14 15 16 13 15 18 12 16	<b>Age</b> 90	Sub-Car Rei Husclewo	nopy Species d Maple emlock bod/Hornbeam  33 nopy Species	Density  Medium  Low  High	Avg. Height Variable Variable Variable N/A	Sapling Pole Sapling Sapling	undulating. It is a matrix of upland and lowland with the lowland being the majority.  Harvested under contract 73-062-85-01, The Long Goodbye in 1987. Clear-cut 4" and up.
Blad	Canopy Species  Red Maple  Beech  Red Oak  White Oak  Bigtooth Aspen ck/Red (Hybrid) Oak  White Pine  Hemlock  Swamp White Oak  4131 - As  Canopy Species  Red Maple	% Cover	Log/Pole/XLog Log/Pole Log/XLog Log/Pole Log/XLog XLog/Log XLog/Log Log/XLog Pole Size Class Pole/Sapling	14 14 15 16 13 15 18 12 16 etimber	Age 90 Mediur	Sub-Car Rei Musclewo	nopy Species d Maple emlock bod/Hornbeam  33 nopy Species lous Shrubs	Density  Medium  Low  High	Avg. Height Variable Variable Variable  N/A  Avg. Height 5 - 10 feet	Sapling Pole Sapling  Size Tall Shrub	undulating. It is a matrix of upland and lowland with the lowland being the majority.  Harvested under contract 73-062-85-01, The Long Goodbye in 1987. Clear-cut 4" and up.  The stand is a matrix of upland and lowland. The lowland makes up
Blad	Canopy Species  Red Maple  Beech  Red Oak  White Oak  Bigtooth Aspen ck/Red (Hybrid) Oak  White Pine  Hemlock  Swamp White Oak  4131 - As  Canopy Species  Red Maple  Paper Birch	% Cover	Log/Pole/XLog Log/Pole Log/XLog Log/Pole Log/XLog XLog/Log Log/Log Log/XLog/Pole  Size Class Pole/Sapling Sapling/Pole	14 14 15 16 13 15 18 12 16 timber DBH	Age 90 Mediur Age	Sub-Car Rei Musclewo	nopy Species d Maple emlock bod/Hornbeam  33 nopy Species	Density  Medium  Low  High  1-50  Density	Avg. Height Variable Variable Variable N/A Avg. Height	Sapling Pole Sapling Sapling	undulating. It is a matrix of upland and lowland with the lowland being the majority.  Harvested under contract 73-062-85-01, The Long Goodbye in 1987. Clear-cut 4" and up.
Blace S	Canopy Species  Red Maple  Beech  Red Oak  White Oak  Bigtooth Aspen ck/Red (Hybrid) Oak  White Pine  Hemlock  Swamp White Oak  4131 - As  Canopy Species  Red Maple  Paper Birch  Bigtooth Aspen	% Cover	Log/Pole/XLog Log/Pole Log/XLog Log/Pole Log/XLog XLog/Log Log/Log Log/XLog/Pole  Pole  Size Class Pole/Sapling Sapling/Pole Pole	14 14 15 16 13 15 18 12 16 etimber 5 4 6	Age 90 Mediur Age 333	Sub-Car Rei Musclewo	nopy Species d Maple emlock bod/Hornbeam  33 nopy Species lous Shrubs	Density  Medium  Low  High  1-50  Density  Low	Avg. Height Variable Variable Variable  N/A  Avg. Height 5 - 10 feet	Sapling Pole Sapling  Size Tall Shrub	undulating. It is a matrix of upland and lowland with the lowland being the majority.  Harvested under contract 73-062-85-01, The Long Goodbye in 1987. Clear-cut 4" and up.  The stand is a matrix of upland and lowland. The lowland makes up
Blace S	Canopy Species  Red Maple  Beech  Red Oak  White Oak  Bigtooth Aspen ck/Red (Hybrid) Oak  White Pine  Hemlock  Swamp White Oak  4131 - As  Canopy Species  Red Maple  Paper Birch	% Cover	Log/Pole/XLog Log/Pole Log/XLog Log/Pole Log/XLog XLog/Log Log/Log Log/XLog/Pole  Size Class Pole/Sapling Sapling/Pole	14 14 15 16 13 15 18 12 16 timber DBH	Age 90 Mediur Age	Sub-Car Rei Musclewo	nopy Species d Maple emlock bod/Hornbeam  33 nopy Species lous Shrubs	Density  Medium  Low  High  1-50  Density  Low	Avg. Height Variable Variable Variable  N/A  Avg. Height 5 - 10 feet	Sapling Pole Sapling  Size Tall Shrub	undulating. It is a matrix of upland and lowland with the lowland being the majority.  Harvested under contract 73-062-85-01, The Long Goodbye in 1987. Clear-cut 4" and up.  The stand is a matrix of upland and lowland. The lowland makes up
Blace S	Canopy Species  Red Maple  Beech  Red Oak  White Oak  Bigtooth Aspen ck/Red (Hybrid) Oak  White Pine  Hemlock  Swamp White Oak  4131 - As  Canopy Species  Red Maple  Paper Birch  Bigtooth Aspen	% Cover	Log/Pole/XLog Log/Pole Log/XLog Log/Pole Log/XLog XLog/Log XLog/Log Log Size Class Pole/Sapling Sapling/Pole Sapling/Pole	14 14 15 16 13 15 18 12 16 etimber 5 4 6 4	Age 90 Mediur Age 333	Sub-Car Rei Musclewo	nopy Species d Maple emlock bod/Hornbeam  33 nopy Species lous Shrubs	Density  Medium  Low  High  1-50  Density  Low	Avg. Height Variable Variable Variable  N/A  Avg. Height 5 - 10 feet	Sapling Pole Sapling  Size Tall Shrub	undulating. It is a matrix of upland and lowland with the lowland being the majority.  Harvested under contract 73-062-85-01, The Long Goodbye in 1987. Clear-cut 4" and up.  The stand is a matrix of upland and lowland. The lowland makes up about 40% of the stand.  Switched stand from non-forested to forested. The stand has some slight
Blace S 78	Canopy Species  Red Maple  Beech  Red Oak  White Oak  Bigtooth Aspen ck/Red (Hybrid) Oak  White Pine  Hemlock Swamp White Oak  4131 - As  Canopy Species  Red Maple  Paper Birch  Bigtooth Aspen ck/Red (Hybrid) Oak	% Cover 41 2 10 10 10 5 10 2 10 Spen, Oak % Cover 18 2 45 35	Log/Pole/XLog Log/Pole Log/XLog Log/Pole Log/XLog XLog/Log XLog/Log Log Size Class Pole/Sapling Sapling/Pole Sapling/Pole	14 14 15 16 13 15 18 12 16 2 16 <b>DBH</b> 5 4 6 4	Age 90 Mediur Age 33 33 33	Rei He Musclewo	nopy Species d Maple emlock bood/Hornbeam  33 nopy Species lous Shrubs on Blackberry	Density  Medium  Low  High  1-50  Density  Low  Low	Avg. Height Variable Variable Variable Variable  N/A  Avg. Height 5 - 10 feet < 5 feet	Sapling Pole Sapling  Size Tall Shrub	undulating. It is a matrix of upland and lowland with the lowland being the majority.  Harvested under contract 73-062-85-01, The Long Goodbye in 1987. Clear-cut 4" and up.  The stand is a matrix of upland and lowland. The lowland makes up about 40% of the stand.  Switched stand from non-forested to forested. The stand has some slight ridges in it that has a higher density of tree. These areas are less than 3
Blace S 78	Canopy Species  Red Maple  Beech  Red Oak  White Oak  Bigtooth Aspen ck/Red (Hybrid) Oak  White Pine  Hemlock  Swamp White Oak  4131 - As  Canopy Species  Red Maple  Paper Birch  Bigtooth Aspen ck/Red (Hybrid) Oak	% Cover 41 2 10 10 10 5 10 2 10 Spen, Oak % Cover 18 2 45 35	Log/Pole/XLog Log/Pole Log/XLog Log/XLog Log/Pole Log/XLog XLog/Log Log Log/XLog/Pole Pole Size Class Pole/Sapling Sapling/Pole Pole Sapling/Pole	14 14 15 16 13 15 18 12 16 2 16 <b>DBH</b> 5 4 6 4	Age 90 Mediur Age 33 33 33	Rei He Musclewo	anopy Species d Maple emlock bood/Hornbeam  33 nopy Species ious Shrubs in Blackberry	Density  Medium  Low  High  1-50  Density  Low  Low  1-50	Avg. Height Variable Variable Variable Variable  N/A  Avg. Height 5 - 10 feet < 5 feet	Sapling Pole Sapling  Size Tall Shrub Tall Shrub	undulating. It is a matrix of upland and lowland with the lowland being the majority.  Harvested under contract 73-062-85-01, The Long Goodbye in 1987. Clear-cut 4" and up.  The stand is a matrix of upland and lowland. The lowland makes up about 40% of the stand.  Switched stand from non-forested to forested. The stand has some slight ridges in it that has a higher density of tree. These areas are less than 3 acres in size. This stand was cut with surrounding stands but took significantly longer for the canopy to close in. In addition the stand was
Black   S   78   Black   79	Canopy Species  Red Maple  Beech  Red Oak  White Oak  Bigtooth Aspen ck/Red (Hybrid) Oak  White Pine  Hemlock  Swamp White Oak  4131 - As  Canopy Species  Red Maple  Paper Birch  Bigtooth Aspen ck/Red (Hybrid) Oak  6113 - Low	% Cover	Log/Pole/XLog Log/Pole Log/XLog Log/YLog Log/YLog Log/XLog XLog/Log Log/XLog/Pole Pole Size Class Pole/Sapling Sapling/Pole Pole Sapling/Pole Pole Size Class	14 14 15 16 13 15 18 12 16  This is the state of the stat	Age 90 Mediur Age 33 33 33 er Poor Age	m 37.1  Sub-Car  Decidu Commo	anopy Species d Maple emlock bood/Hornbeam  33 nopy Species ious Shrubs in Blackberry  54 nopy Species	Density  Medium  Low  High  1-50  Density  Low  Low  1-50  Density	Avg. Height Variable Variable Variable Variable  N/A  Avg. Height  < 5 feet  N/A  Avg. Height	Sapling Pole Sapling  Size Tall Shrub Tall Shrub	undulating. It is a matrix of upland and lowland with the lowland being the majority.  Harvested under contract 73-062-85-01, The Long Goodbye in 1987. Clear-cut 4" and up.  The stand is a matrix of upland and lowland. The lowland makes up about 40% of the stand.  Switched stand from non-forested to forested. The stand has some slight ridges in it that has a higher density of tree. These areas are less than 3 acres in size. This stand was cut with surrounding stands but took



Stand	Level 4 Co	ver Type	S	ize De	ensity	Acres	Stand Age B	BA Range	Managed \$	Site	General Comments
80	6119 - Mixed Lo Fo	wland Dec rest	iduous S	Sapling	Poor	13.6	33	Immature	N/A		Harvested under contract 73-062-85-01, The Long Goodbye in 1987. Clear-cut 4" and up.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	The stand has scattered trees being maple, quaking aspen, and hybrid
	Paper Birch	25	Sapling	3	33	Decidu	ous Shrubs	Full	5 - 10 feet	Tall Shrub	oak. Took awhile to regenerate.
(	Quaking Aspen	25	Pole/Sapling	5	33			,			•
Blacl	ck/Red (Hybrid) Oak	25	Sapling/Pole	3	33						
81	330 - Low-E	Density Tre	ees l	Nonst	ocked	18.7	0 U	Inspecified	4199 - Other Mix Decidud		The stand is moist but not overly wet. The aspen in the stand is located in the eastern portion of the stand while the oak is more in the western
						Sub-Ca	nopy Species	Density	Avg. Height	Size	portion. Harvested under contract # 73-015-13-01, Teed Mix in November of 2016. Stand was clear-cut 2" and up except green marked
						Black/Re	d (Hybrid) Oak	Low	5 - 10 feet	Sapling	trees. Sparse oak/aspen/white pine regeneration at this time. Currently
						Bigto	oth Aspen	Low	5 - 10 feet	Sapling	fails regeneration standards.
						Wh	nite Pine	Low	5 - 10 feet	Sapling	
82	629 - Mixed non	-forested \	wetland	Nonst	ocked	6.1			No		The stand is heavy to red osier dogwood and marsh grass.
83	6119 - Mixed Lo	wland Dec	iduous Pole	timbe	r Mediu	m 13.4	67	51-80	N/A		Stand is very wet the oak in the stand is mainly swamp white oak. The ground cover consist of a lot of royal fern and senstive fern. The mature
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	oak in the stand is declining. Canopy closure is around 75% as a result of ash mortality.
Sv	wamp White Oak	25	Pole/Log/Sap	9		Northe	ern Pin Oak	Low	10 - 20 feet	Sapling	of don mortality.
N	Northern Pin Oak	20	Pole/Log/Sap	9	67	Swamp	White Oak	Low	10 - 20 feet	Sapling	
	Red Maple	51	Pole/Log/Sap	7	67	Re	d Maple	Medium	10 - 20 feet	Sapling	
(	Quaking Aspen	2	Pole	7			tarana I I a III. i	High	5 - 10 feet		
						Mich	igan Holly	riigii	0 101000	Tall Shrub	
84	6229 - Mixed	lowland s	hrub l	Nonst	ocked	4.9	igan Holly	Tilgii	Managed O		This is a pipeline that is a mixture of upland and lowland. The upland is the majority. The notice on the pipeline markers are for Quicksilver Resources 989-732-0869
	6229 - Mixed 3105 - Mixed Up			Nonsto			igan Holly	T light			This is a pipeline that is a mixture of upland and lowland. The upland is the majority. The notice on the pipeline markers are for Quicksilver
84		oland Herb	aceous l	Nonsto Saplino	ocked g Poor	4.9	igan Holly	1-50	Managed O		This is a pipeline that is a mixture of upland and lowland. The upland is the majority. The notice on the pipeline markers are for Quicksilver Resources 989-732-0869  This is a pipeline that is mostly upland. The markers on the pipeline are for Michigan Gas Storage Company 517-789-6811  The stand is mainly upland. It has inclusions of lowlands, with the
84 85 86	3105 - Mixed Up 4199 - Other Mixed Canopy Species	oland Herb d Upland D % Cover	aceous I	Nonsto Saplino	pocked poor Age	4.9 3.0			Managed O No		This is a pipeline that is a mixture of upland and lowland. The upland is the majority. The notice on the pipeline markers are for Quicksilver Resources 989-732-0869  This is a pipeline that is mostly upland. The markers on the pipeline are for Michigan Gas Storage Company 517-789-6811
84 85 86	3105 - Mixed Up	oland Herb	aceous l	Nonsto Saplino	ocked g Poor	4.9 3.0			Managed O No		This is a pipeline that is a mixture of upland and lowland. The upland is the majority. The notice on the pipeline markers are for Quicksilver Resources 989-732-0869  This is a pipeline that is mostly upland. The markers on the pipeline are for Michigan Gas Storage Company 517-789-6811  The stand is mainly upland. It has inclusions of lowlands, with the lowlands being about 20%. Most of the lowlands are in veins through the stand. Seed tree harvested November of 2016 under contract # 73-017-13-01, Power Hum Select. Residual BA was 20 sq. ft. Regeneration is
84 85 86	3105 - Mixed Up 4199 - Other Mixed Canopy Species	oland Herb d Upland D % Cover	aceous Cociduous Societass	Nonsto	pocked poor Age	4.9 3.0			Managed O No		This is a pipeline that is a mixture of upland and lowland. The upland is the majority. The notice on the pipeline markers are for Quicksilver Resources 989-732-0869  This is a pipeline that is mostly upland. The markers on the pipeline are for Michigan Gas Storage Company 517-789-6811  The stand is mainly upland. It has inclusions of lowlands, with the lowlands being about 20%. Most of the lowlands are in veins through the stand. Seed tree harvested November of 2016 under contract # 73-017-13-01, Power Hum Select. Residual BA was 20 sq. ft. Regeneration is now 5-10 feet tall and covers 25 - 50% of the ground. Best option for this
84 85 86	3105 - Mixed Up 4199 - Other Mixed Canopy Species Red Maple	Upland E  Cover	aceous Seciduous Seciduous Seciduous Seciduous Sapling	Nonsto	pocked poor Age	4.9 3.0			Managed O No		This is a pipeline that is a mixture of upland and lowland. The upland is the majority. The notice on the pipeline markers are for Quicksilver Resources 989-732-0869  This is a pipeline that is mostly upland. The markers on the pipeline are for Michigan Gas Storage Company 517-789-6811  The stand is mainly upland. It has inclusions of lowlands, with the lowlands being about 20%. Most of the lowlands are in veins through the stand. Seed tree harvested November of 2016 under contract # 73-017-13-01, Power Hum Select. Residual BA was 20 sq. ft. Regeneration is
84 85 86	3105 - Mixed Up 4199 - Other Mixed Canopy Species Red Maple White Oak	Upland E  Cover  30 10	aceous  Deciduous  Size Class Sapling Log/XLog	Nonsto	p Poor Age 5	4.9 3.0			Managed O No		This is a pipeline that is a mixture of upland and lowland. The upland is the majority. The notice on the pipeline markers are for Quicksilver Resources 989-732-0869  This is a pipeline that is mostly upland. The markers on the pipeline are for Michigan Gas Storage Company 517-789-6811  The stand is mainly upland. It has inclusions of lowlands, with the lowlands being about 20%. Most of the lowlands are in veins through the stand. Seed tree harvested November of 2016 under contract # 73-017-13-01, Power Hum Select. Residual BA was 20 sq. ft. Regeneration is now 5-10 feet tall and covers 25 - 50% of the ground. Best option for this
84 85 86	3105 - Mixed Up 4199 - Other Mixed Canopy Species Red Maple White Oak ck/Red (Hybrid) Oak	Upland E  Cover  30  10  10	aceous  Deciduous  Size Class  Sapling  Log/XLog  Log	Nonsto	Poor Age 5	4.9 3.0			Managed O No		This is a pipeline that is a mixture of upland and lowland. The upland is the majority. The notice on the pipeline markers are for Quicksilver Resources 989-732-0869  This is a pipeline that is mostly upland. The markers on the pipeline are for Michigan Gas Storage Company 517-789-6811  The stand is mainly upland. It has inclusions of lowlands, with the lowlands being about 20%. Most of the lowlands are in veins through the stand. Seed tree harvested November of 2016 under contract # 73-017-13-01, Power Hum Select. Residual BA was 20 sq. ft. Regeneration is now 5-10 feet tall and covers 25 - 50% of the ground. Best option for this
84 85 86 Black	3105 - Mixed Up 4199 - Other Mixed Canopy Species Red Maple White Oak ck/Red (Hybrid) Oak White Pine	Upland E  Cover  30 10 10 5	aceous  Deciduous  Size Class  Sapling  Log/XLog  Log  Pole/Sapling	Nonsto	Poor Age 5	4.9 3.0			Managed O No		This is a pipeline that is a mixture of upland and lowland. The upland is the majority. The notice on the pipeline markers are for Quicksilver Resources 989-732-0869  This is a pipeline that is mostly upland. The markers on the pipeline are for Michigan Gas Storage Company 517-789-6811  The stand is mainly upland. It has inclusions of lowlands, with the lowlands being about 20%. Most of the lowlands are in veins through the stand. Seed tree harvested November of 2016 under contract # 73-017-13-01, Power Hum Select. Residual BA was 20 sq. ft. Regeneration is now 5-10 feet tall and covers 25 - 50% of the ground. Best option for this



Stand	Level 4 Co	Level 4 Cover Type				Size Density		Acres	Stand Age B	A Range	Managed :	Site	General Comments
87	6229 - Mixed	l lowland sh	nrub	Nonsto	cked	22.3	I	mmature	No		The stand has scattered aspen and oak but the crown closure is less than 15%. Stand was most likely harvest with surrounding stands in the		
						Sub-Car	nopy Species	Density	Avg. Height	Size	late 1960's. Scattered aspen closely resemble the aspen in adjacent		
						Lea	therleaf	High	Variable	Tall Shrub	stands.		
						A	Alder	Medium	10 - 20 feet	Tall Shrub			
						Black/Red	d (Hybrid) Oak	Low	>20 feet	Pole			
						Quaki	ing Aspen	Low	>20 feet	Log			
88	6225		Nonsto	ocked	2.9			No					
89	3105 - Mixed Up	aceous	Nonstocked		2.2	2.2		No		This stand is an herbaceous opening, heavy to grass with some sweet fern, and blackberries. White pine and oak are slowly filling in the stand			
90	4130	- Aspen	Po	oletimb	er Well	13.5	34	51-80	N/A		2023 YOE Comments: Harvested under contract 73-003-86-01, No		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	Problem. Stand was clear-cut 2" and up.		
	Bigtooth Aspen	70	Pole	6	34	Northe	rn Pin Oak	Low	10 - 20 feet	Sapling	OPIC - FMD: Stand has pachy regeneration but overall the stand is a		
	Red Maple	15	Pole/Sapling	5	34	Wito	ch Hazel	Medium	5 - 10 feet	Tall Shrub	light A3. There are areas of É as well as L and G		
١	lorthern Pin Oak	15	Pole/Sapling	5	34								
91	6114 - Lo	wland Oak	. Pole	etimbei	Mediur	m 10.2	60	51-80	N/A		The stand is a fine matrix of upland and lowland with the lowland being		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	about 55%. It appears that the stand does dry out in late summer. The ground cover is heavy to sheep laurel.		
	Red Maple	25	Pole/Log	8		Decidu	ous Shrubs	Medium	Variable	Tall Shrub	ground dovor to meany to driedp ladion.		
	White Oak	15	Pole/Sap/Log	5		Huc	kleberry	Medium	< 5 feet	Tall Shrub			
Blac	k/Red (Hybrid) Oak	50	Pole/Sap/Log	8	60	Shee	ep Laurel	Low	< 5 feet	Tall Shrub			
	White Pine	10	Pole	8									
92	6119 - Mixed Lo Fo	wland Dec prest	iduous Pole	etimbei	Mediur	n 8.4	8.4 50	1-50	N/A		The stand is lowland with low density hardwood over a significant shrub layer.		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size			
	Red Maple	25	Pole/Sapling	6		Red	d Maple	Low	Variable	Sapling			
Blac	k/Red (Hybrid) Oak	10	Pole/Sap/Log	7		Decidu	ous Shrubs	High	5 - 10 feet	Tall Shrub			
	Green Ash	10	Pole/Sapling	5		Ash	n (spp.)	Low	Variable	Sapling			
S	wamp White Oak	55	Pole/Sap/Log	6	50	Black/Red	d (Hybrid) Oak	Low	Variable	Sapling			
						Swamp	White Oak	Low	Variable	Sapling			
93	4311 - Pine	e, Aspen M	lix Saw	vtimber	Mediur	n 11.7	48	51-80	N/A		The stand is a fine matrix of upland and lowland, with the upland being		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	the majority. The soils go from droughty to very wet. It also goes from a G-Type to an L-type to a fully stocked pole stand. The white pine in the		
		7	Pole	5		Decidu	ous Shrubs	High	Variable	Tall Shrub	stand shows signs of weevil activity.		
	Paper Birch										- · · · · · · · · · · · · · · · · · · ·		
	Quaking Aspen	30	Log/Pole	10	48	Ta	g Alder	Medium	5 - 10 feet	Tall Shrub			
	<u> </u>	30	Log/Pole Log/Pole	10 10	48 48		g Alder eet Fern	Medium Medium	5 - 10 feet < 5 feet	Tall Shrub Tall Shrub			



Stand	Level 4 Co	over Type	S	ize De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
94	330 - Low-D	Density Tre	es	Nonsto	ocked	4.8	0		4121 - Oak,	Aspen	TS #015-99-01. Clear-cut 11/99. Left oak trees less than 4" dbh. This area did not regenerate from the previous harvest and few oaks were left
95	42200 - Natu	ral White F	Pine Sa	awtimb	er Well	9.7	90	51-80	N/A		The stand is variable going from dense sawlog white pines to grass.
C	anopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	There is a maintenance structure in the stand. The terrain is rolling with some steep draws in it.
Bi	gtooth Aspen	5	Pole	8		Decidu	ious Shrubs	Medium	Variable	Tall Shrub	
Black/l	Red (Hybrid) Oak	15	Log/Pole/XLog	10							•
,	White Pine	75	Log/Pole	12	90						
	Red Pine	5	Log/Pole/Sap	10							
96	4131 - Aspen, Oak			Sapling	g Well	7.7	22	Immature	N/A		TS #015-95-01. Clearcut 11/99. Left oak trees less than 4" dbh. Stand
C	anopy Species	% Cover	Size Class	DBH	l Age						coming back as an A2O1.
Bi	gtooth Aspen	50	Sapling	3	22						
Nor	rthern Pin Oak	35	Pole/Sapling	6							
	Red Maple	10	Sapling/Pole	3	22						
	Paper Birch 122 - Road	5 I/Parking L	Sapling	2 Nonsto	22 ocked	1.6					This is a gravel parking lot and trail head for the Pine Haven Recreations Area.
97	'	I/Parking L	ot	Nonsto	ocked Mediui		33	1-50	N/A		Area.  2023 YOE Comments: Clear-cut under FTP W-73-310 (1988). The oak
97 98	122 - Road	l/Parking L	ot Deciduous Pole Size Class	Nonsto etimber	ocked		33	1-50	N/A		Area.
97 98 '	122 - Road 4199 - Other Mixed anopy Species rthern Pin Oak	d Upland D  Cover	ot Deciduous Pole Size Class Pole/Sapling	Nonsto	Medium Age 33		33	1-50	N/A		Area.  2023 YOE Comments: Clear-cut under FTP W-73-310 (1988). The oak
97 98 C: Nor	122 - Road 4199 - Other Mixed anopy Species rthern Pin Oak amp White Oak	d Upland D  Cover  45  15	ot  Deciduous Pole  Size Class  Pole/Sapling  Pole/Sapling	Nonsto	Medium Age 33 33		33	1-50	N/A		Area.  2023 YOE Comments: Clear-cut under FTP W-73-310 (1988). The oak
97 98 C: Nor	122 - Road 4199 - Other Mixed anopy Species rthern Pin Oak	d Upland D  Cover  45  15  5	ot Deciduous Pole Size Class Pole/Sapling	Nonsto	r Medium I Age 33 33 33		33	1-50	N/A		Area.  2023 YOE Comments: Clear-cut under FTP W-73-310 (1988). The oak
97 98 C: Nor Swa	122 - Road 4199 - Other Mixed anopy Species rthern Pin Oak amp White Oak	d Upland D  Cover  45  15	ot  Deciduous Pole  Size Class  Pole/Sapling  Pole/Sapling	Nonsto	Medium Age 33 33		33	1-50	N/A		Area.  2023 YOE Comments: Clear-cut under FTP W-73-310 (1988). The oak
97 98 C: Nor Swa	122 - Road 4199 - Other Mixed Eanopy Species rthern Pin Oak eamp White Oak Paper Birch Red Maple 6119 - Mixed Lo	d Upland D  Cover  45  15  5  35	ot  Deciduous Pole  Size Class  Pole/Sapling  Pole/Sapling  Sapling  Sapling/Pole	Nonsto	r Medium I Age 33 33 33		109	1-50	N/A		Area.  2023 YOE Comments: Clear-cut under FTP W-73-310 (1988). The oak in the stand is in patches of grass.  The stand is a matrix of uplands and lowlands, with the lowlands being about 75%. The terrain is a mixture of ridges and draws. Patch cut in
97 98	122 - Road 4199 - Other Mixed Eanopy Species rthern Pin Oak eamp White Oak Paper Birch Red Maple 6119 - Mixed Lo	d Upland D  Cover  45  15  5  35  wland Decorest	ot  Deciduous Pole  Size Class  Pole/Sapling  Pole/Sapling  Sapling  Sapling/Pole	Nonsto	r Medium I Age 33 33 33 33	m 6.6		51-80		Size	Area.  2023 YOE Comments: Clear-cut under FTP W-73-310 (1988). The oak in the stand is in patches of grass.  The stand is a matrix of uplands and lowlands, with the lowlands being about 75%. The terrain is a mixture of ridges and draws. Patch cut in September of 2016 under contract # 73-017-13-01, Power Hum Select.
97 98 Ci Nor Swa	122 - Road 4199 - Other Mixed anopy Species rthern Pin Oak amp White Oak Paper Birch Red Maple 6119 - Mixed Lor	J/Parking L  d Upland D  % Cover  45  15  5  35  wland Decurest  % Cover	ot  Deciduous Pole  Size Class  Pole/Sapling  Pole/Sapling  Sapling  Sapling/Pole  iduous Sa	Nonsto	r Mediur I Age 33 33 33 33 er Well	m 6.6 74.1 Sub-Car	109	51-80	N/A	Size Sapling	Area.  2023 YOE Comments: Clear-cut under FTP W-73-310 (1988). The oak in the stand is in patches of grass.  The stand is a matrix of uplands and lowlands, with the lowlands being about 75%. The terrain is a mixture of ridges and draws. Patch cut in September of 2016 under contract # 73-017-13-01, Power Hum Select. Average BA was reduced to 74 sq. ft. by cutting one 80 ft. regeneration
97 98 Ci Nor Swa	122 - Road 4199 - Other Mixed anopy Species rthern Pin Oak amp White Oak Paper Birch Red Maple 6119 - Mixed Lor Fo	Warking L  d Upland D  Cover  45  15  5  35  wland Decorest  Cover  50	ot  Deciduous Pole  Size Class  Pole/Sapling  Pole/Sapling  Sapling/Pole  iduous Sa  Size Class	Nonsto	r Mediur I Age 33 33 33 33 er Well	74.1  Sub-Car	109 nopy Species	51-80	N/A Avg. Height		Area.  2023 YOE Comments: Clear-cut under FTP W-73-310 (1988). The oak in the stand is in patches of grass.  The stand is a matrix of uplands and lowlands, with the lowlands being about 75%. The terrain is a mixture of ridges and draws. Patch cut in September of 2016 under contract # 73-017-13-01, Power Hum Select. Average BA was reduced to 74 sq. ft. by cutting one 80 ft. regeneration gap per acre and marking skid routes between the gaps. Gaps and skid routes are primarily located on upland ridge portions of the stand. Low
97 98 Can Nor Swa	122 - Road 4199 - Other Mixed Fanopy Species rthern Pin Oak amp White Oak Paper Birch Red Maple 6119 - Mixed Lor Fo Fo Fanopy Species Red Maple	Warking L  d Upland D  Cover  45  15  5  35  wland Decorest  Cover  50	ot  Deciduous Pole  Size Class  Pole/Sapling  Pole/Sapling  Sapling/Pole  iduous Sa  Size Class  Log/Pole/XLog	Nonsto	r Mediur I Age 33 33 33 33 er Well	74.1  Sub-Car  Rec  Decidu	109 nopy Species d Maple	51-80  S Density  Medium	N/A  Avg. Height  Variable	Sapling	Area.  2023 YOE Comments: Clear-cut under FTP W-73-310 (1988). The oak in the stand is in patches of grass.  The stand is a matrix of uplands and lowlands, with the lowlands being about 75%. The terrain is a mixture of ridges and draws. Patch cut in September of 2016 under contract # 73-017-13-01, Power Hum Select. Average BA was reduced to 74 sq. ft. by cutting one 80 ft. regeneration gap per acre and marking skid routes between the gaps. Gaps and skid routes are primarily located on upland ridge portions of the stand. Low wet areas of the stand were avoided were possible. Regeneration gaps
97 98	122 - Road 4199 - Other Mixed Fanopy Species Paper Birch Red Maple 6119 - Mixed Log For For Fanopy Species Red Maple Red Oak	J/Parking L  d Upland D  Cover  45  15  5  35  wland Decorest  Cover  50  10	ot  Deciduous Pole  Size Class  Pole/Sapling  Pole/Sapling  Sapling/Pole  iduous Sa  Size Class  Log/Pole/XLog  Log/Pole/XLog	Nonsto	r Mediur I Age 33 33 33 33 er Well	74.1  Sub-Car  Rec  Decidu  Wito	109 nopy Species d Maple lous Shrubs	51-80  S Density  Medium  Medium	N/A  Avg. Height  Variable  Variable	Sapling Tall Shrub Tall Shrub	Area.  2023 YOE Comments: Clear-cut under FTP W-73-310 (1988). The oak in the stand is in patches of grass.  The stand is a matrix of uplands and lowlands, with the lowlands being about 75%. The terrain is a mixture of ridges and draws. Patch cut in September of 2016 under contract # 73-017-13-01, Power Hum Select. Average BA was reduced to 74 sq. ft. by cutting one 80 ft. regeneration gap per acre and marking skid routes between the gaps. Gaps and skid routes are primarily located on upland ridge portions of the stand. Low wet areas of the stand were avoided were possible. Regeneration gaps have a small amount of oak seedlings which will most likely increase ov
97 98	122 - Road 4199 - Other Mixed anopy Species rthern Pin Oak amp White Oak Paper Birch Red Maple 6119 - Mixed Log Fo anopy Species Red Maple Red Oak White Oak	J/Parking L  d Upland D  Cover  45  15  5  35  wland Decorest  Cover  50  10  10	ot  Deciduous Pole  Size Class  Pole/Sapling  Pole/Sapling  Sapling  Sapling/Pole  iduous Sa  Size Class  Log/Pole/XLog  Log/Pole/XLog  Log/Pole/XLog	Nonsto	r Mediur I Age 33 33 33 33 er Well	74.1  Sub-Car  Rec  Decidu  Wito	109 nopy Species d Maple lous Shrubs ch Hazel	51-80  S Density  Medium  Medium  Low	N/A  Avg. Height  Variable  Variable  5 - 10 feet	Sapling Tall Shrub	Area.  2023 YOE Comments: Clear-cut under FTP W-73-310 (1988). The oak in the stand is in patches of grass.  The stand is a matrix of uplands and lowlands, with the lowlands being about 75%. The terrain is a mixture of ridges and draws. Patch cut in September of 2016 under contract # 73-017-13-01, Power Hum Select. Average BA was reduced to 74 sq. ft. by cutting one 80 ft. regeneration gap per acre and marking skid routes between the gaps. Gaps and skid

Report 7 - Stands



Stand	, <u> </u>			Size Density		Acres	Stand Age B	BA Range Managed Site		Site	General Comments
100		wland Deci rest	duous Sa	wtimb	er Well	14.1 101		111-140	N/A		The stand is rolling to undulating. It is on the flood plain of the Big Salt River
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Cai	nopy Species	Density	Avg. Height	Size	
	Red Maple	50	Log	15	101	Deciduo	ous Saplings	Medium	Variable	Sapling	
	Beech	5	Log	12							
	Red Oak	15	XLog/Log	18							
	White Oak	10	Log/XLog	17							
	Paper Birch	5	Pole	8							
	Sycamore	15	XLog/Log	20							
101	4126 - White, Bl	lack, N. Pi	n Oak Po	letimb	er Well	11.5	27	1-50	N/A		Harvested in 1996 under contract 73-026-93-01, Castor Road Passage.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	All trees were cut 2" and up except oak trees less than six (6) inches.
	Red Maple	20	Sapling/Pole	4	27	Decidu	ious Shrubs	Low	< 5 feet	Tall Shrub	The stand is variable but heavy to oak. There are areas of open land.
	White Oak	20	Pole/Sapling	5							
I	Bigtooth Aspen	15	Sapling/Pole	4	27						
				_							
Blac	ck/Red (Hybrid) Oak	45	Pole/Sapling	6	27						
102	4126 - White, Bl	lack, N. Pi	n Oak Sa	pling I	Medium		13	1-50	N/A		The stand was harvested in 2007. There was some advanced
102	4126 - White, Bl	lack, N. Pi	n Oak Sa Size Class	pling I		Sub-Ca	nopy Species	Density	Avg. Height	Size	regeneration left after the harvest. Now there is a fair amount of stump sprouts in addition to what was left. The sprouts are a mixture of oaks
102	4126 - White, Bl Canopy Species Red Maple	lack, N. Pi <b>% Cover</b> 5	n Oak Sa Size Class Sapling	pling I	Medium	Sub-Ca					regeneration left after the harvest. Now there is a fair amount of stump
102	4126 - White, Bl Canopy Species Red Maple Red Maple	lack, N. Pi  Cover  5  15	n Oak Sa Size Class Sapling Log	pling I	Medium	Sub-Ca	nopy Species	Density	Avg. Height		regeneration left after the harvest. Now there is a fair amount of stump sprouts in addition to what was left. The sprouts are a mixture of oaks
102	4126 - White, Bl Canopy Species Red Maple Red Maple ck/Red (Hybrid) Oak	lack, N. Pi  **Cover** 5 15 25	n Oak Sa Size Class Sapling Log Sapling	pling I  DBH  2  10  2	Medium  I Age	Sub-Ca	nopy Species	Density	Avg. Height		regeneration left after the harvest. Now there is a fair amount of stump sprouts in addition to what was left. The sprouts are a mixture of oaks
102	4126 - White, BI Canopy Species Red Maple Red Maple ck/Red (Hybrid) Oak ck/Red (Hybrid) Oak	lack, N. Pi  % Cover  5 15 25 15	n Oak Sa Size Class Sapling Log Sapling Log Log	pling I 2 10 2 14	Medium I Age	Sub-Ca	nopy Species	Density	Avg. Height		regeneration left after the harvest. Now there is a fair amount of stump sprouts in addition to what was left. The sprouts are a mixture of oaks
102	4126 - White, Bl Canopy Species Red Maple Red Maple ck/Red (Hybrid) Oak kk/Red (Hybrid) Oak White Oak	lack, N. Pi  **Cover**   5	n Oak Sa Size Class Sapling Log Sapling Log Sapling Sapling	pling !  DBH 2 10 2 14 2	Medium  I Age	Sub-Ca	nopy Species	Density	Avg. Height		regeneration left after the harvest. Now there is a fair amount of stump sprouts in addition to what was left. The sprouts are a mixture of oaks
102	4126 - White, BI Canopy Species Red Maple Red Maple ck/Red (Hybrid) Oak ck/Red (Hybrid) Oak White Oak White Oak	lack, N. Pi  **Cover**   5	n Oak Sa Size Class Sapling Log Sapling Log Sapling Log Sapling Log Sapling	pling I DBH 2 10 2 14 2 14	Medium  1 Age  13  94  13	Sub-Ca	nopy Species	Density	Avg. Height		regeneration left after the harvest. Now there is a fair amount of stump sprouts in addition to what was left. The sprouts are a mixture of oaks
Blac Blac	4126 - White, BI Canopy Species Red Maple Red Maple ck/Red (Hybrid) Oak ck/Red (Hybrid) Oak White Oak White Oak Paper Birch	% Cover 5 15 25 15 10 15 5	n Oak Sa Size Class Sapling Log Sapling Log Sapling Log Sapling Log Sapling Sapling	pling I DBH 2 10 2 14 2 14 1	1 Age 1 13 94 13 13	Sub-Ca	nopy Species	Density	Avg. Height		regeneration left after the harvest. Now there is a fair amount of stump sprouts in addition to what was left. The sprouts are a mixture of oaks
Blac Blac	4126 - White, BI Canopy Species Red Maple Red Maple ck/Red (Hybrid) Oak ck/Red (Hybrid) Oak White Oak White Oak Paper Birch Bigtooth Aspen	% Cover 5 15 25 15 10 15 5 5	n Oak Sa Size Class Sapling Log Sapling Log Sapling Log Sapling Sapling Sapling Sapling	pling I 2 10 2 14 2 14 1 2	Medium  1 Age  13  94  13	Sub-Ca	nopy Species	Density	Avg. Height		regeneration left after the harvest. Now there is a fair amount of stump sprouts in addition to what was left. The sprouts are a mixture of oaks
Blac Blac	4126 - White, BI Canopy Species Red Maple Red Maple ck/Red (Hybrid) Oak ck/Red (Hybrid) Oak White Oak White Oak Paper Birch	% Cover 5 15 25 15 10 15 5	n Oak Sa Size Class Sapling Log Sapling Log Sapling Log Sapling Log Sapling Sapling	pling I DBH 2 10 2 14 2 14 1	1 Age 1 13 94 13 13	Sub-Ca	nopy Species	Density	Avg. Height		regeneration left after the harvest. Now there is a fair amount of stump sprouts in addition to what was left. The sprouts are a mixture of oaks
Blac Blac	4126 - White, Bl Canopy Species Red Maple Red Maple Sk/Red (Hybrid) Oak Sk/Red (Hybrid) Oak White Oak White Oak Paper Birch Bigtooth Aspen White Pine	S	n Oak Sa Size Class Sapling Log Sapling Log Sapling Log Sapling Sapling Sapling Sapling Sapling Sapling	pling I 2 10 2 14 2 14 1 2 1 1 ttimbel	Medium  1 Age 13 94 13 13 13	Sub-Car Wite	nopy Species ch Hazel	Density Low	Avg. Height 5 - 10 feet	Tall Shrub	regeneration left after the harvest. Now there is a fair amount of stump sprouts in addition to what was left. The sprouts are a mixture of oaks and maples.  The stand is low and wet. The overstory oaks are declining. The north end of the stand is close to 25% cover with a dense lowland brush layer.
Blac Blac	4126 - White, BI Canopy Species Red Maple Red Maple Ek/Red (Hybrid) Oak Ek/Red (Hybrid) Oak White Oak White Oak Paper Birch Bigtooth Aspen White Pine 6119 - Mixed Lov For	S	n Oak Sa Size Class Sapling Log Sapling Log Sapling Log Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	pling I DBH	Medium  1 Age  13  94  13  13  13	Sub-Cal Wite	nopy Species ch Hazel  71  nopy Species	Density Low 1-50 Density	Avg. Height 5 - 10 feet  N/A  Avg. Height	Tall Shrub	regeneration left after the harvest. Now there is a fair amount of stump sprouts in addition to what was left. The sprouts are a mixture of oaks and maples.  The stand is low and wet. The overstory oaks are declining. The north
Blac Blac	4126 - White, BI Canopy Species Red Maple Red Maple Rk/Red (Hybrid) Oak Rk/Red (Hybrid) Oak White Oak White Oak Paper Birch Bigtooth Aspen White Pine 6119 - Mixed Lov For Canopy Species Red Maple	lack, N. Pi  % Cover  5 15 25 15 10 15 5 5 5 wland Decirest  % Cover	n Oak Sa Size Class Sapling Log Sapling Log Sapling Log Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	pling I DBH 8	Medium  1 Age 13 94 13 13 13	Sub-Cal With  m 23.3  Sub-Cal	71 nopy Species d Maple	Density Low  1-50  Density High	Avg. Height 5 - 10 feet  N/A  Avg. Height  Variable	Size Sapling	regeneration left after the harvest. Now there is a fair amount of stump sprouts in addition to what was left. The sprouts are a mixture of oaks and maples.  The stand is low and wet. The overstory oaks are declining. The north end of the stand is close to 25% cover with a dense lowland brush layer. South end has dense maple and oak regeneration.
Blac Blac Blac Blac Blac	4126 - White, BI Canopy Species Red Maple Red Maple Ek/Red (Hybrid) Oak Ek/Red (Hybrid) Oak White Oak White Oak Paper Birch Bigtooth Aspen White Pine 6119 - Mixed Lov For	lack, N. Pi  **Cover*   5	n Oak Sa Size Class Sapling Log Sapling Log Sapling Log Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	pling I DBH	Medium  1 Age 13 94 13 13 13	m 23.3  Sub-Cal Re Decidu	nopy Species ch Hazel  71  nopy Species	Density Low  1-50  Density High Full	Avg. Height 5 - 10 feet  N/A  Avg. Height	Tall Shrub	regeneration left after the harvest. Now there is a fair amount of stump sprouts in addition to what was left. The sprouts are a mixture of oaks and maples.  The stand is low and wet. The overstory oaks are declining. The north end of the stand is close to 25% cover with a dense lowland brush layer. South end has dense maple and oak regeneration.



Stand	Level 4 Co	Level 4 Cover Type Size Density Acres Stand Age BA Range		A Range	Managed \$	Site	General Comments				
104	6119 - Mixed Lo	wland Dec rest	iduous Sa	awtimb	er Well	19.4	101	51-80	N/A		The stand is a matrix of lowland and upland with the lowland making up about 85% of the stand. Former ash component is on the ground.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Regeneration is maple/pin oak/elm/deciduous brush. North end of stand appears to have been harvested.
	Red Maple	35	Pole/Sap/Log	8	49	Re	ed Maple	Medium	Variable	Sapling	appears to have been harvested.
	White Oak	5	Log/XLog	15		Gr	reen Ash	Low	Variable	Sapling	
(	Quaking Aspen	5	Pole/Log	9	49	Ta	ag Alder	Medium	5 - 10 feet	Tall Shrub	
Sv	vamp White Oak	40	Log/Pole/XLog	16	101	Red Os	sier Dogwood	Low	< 5 feet	Tall Shrub	
105	3301 - Low Densit	ty Deciduo	us Trees I	Nonsto	ocked	3.3			No		
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
					•	Che	erry (spp.)	Low	10 - 20 feet	Sapling	
						Blueberry/E	Bilberry/Cranber	rry Full	< 5 feet	Tall Shruk	
						Bra	cken Fern	Full		Non-Wood	
						Black/Re	ed (Hybrid) Oak	Low	10 - 20 feet	Sapling	
106	4126 - White, B	Black, N. Pi	in Oak Saw	rtimbei	r Mediu	m 5.2	91	1-50	N/A		The stand is on an upland ridge. The over story is declining, especially in
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	the oaks. There is good regeneration of oak and maple happening naturally in the stand.
	Red Maple	12	Pole/Log	8		Hu	ckleberry	High	< 5 feet	Tall Shruk	
	White Oak	25	Log	14		Wit	tch Hazel	Low	5 - 10 feet	Tall Shrub	
Black	k/Red (Hybrid) Oak	60	Log	14	91	Servicebe	erry (Juneberry)	) Low	5 - 10 feet	Tall Shrub	
	White Pine	3	Pole	8		Re	ed Maple	Low	5 - 10 feet	Sapling	
				-		W	hite Pine	Medium	>20 feet	Sapling	
						W	hite Oak	Low	5 - 10 feet	Sapling	
						Black/Re	ed (Hybrid) Oak	Low	10 - 20 feet	Sapling	
107	4191 - Mixed Upla Co	ınd Decidu nifer	ous with Sa	pling I	Medium	13.8	5 I	Immature	N/A		The stand is mainly upland. There are inclusions of lowland in the stand. Therefore, it would be expected to have a significant reduction in acreage
	Canopy Species	% Cover	Size Class	DBH	I Age						when it was harvested. Harvested under contract # 73-015-13-01, Teed Mix in October of 2016. Stand was harvested 4" and up leaving all white
Blacl	<td>40</td> <td>Sapling</td> <td>1</td> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>pine and green marked trees. Green marked retention trees were mostly</td>	40	Sapling	1	5						pine and green marked trees. Green marked retention trees were mostly
	Red Maple	25	Sapling	1	5						large diameter oak and trees with cavities.
	White Pine	25	Pole/Log/Sap	8							
108	4199 - Other Mixed	d Upland D	eciduous Po	letimb	er Well	18.3	33	81-110	N/A		Harvested under contract 73-062-85-01, The Long Goodbye in 1987.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Clear-cut 4" and up.
	Red Maple	30	Sapling	4	33	Ta	ag Alder	Low	5 - 10 feet	Tall Shrub	The stand is a matrix of upland and lowland with the lowland being about
E	Bigtooth Aspen	38	Pole/Sapling	5	33	Wit	tch Hazel	Low	5 - 10 feet	Tall Shrub	35%. Regeneration is good but the species are in patches. The terrain
Black	√Red (Hybrid) Oak	20	Pole/Sapling	5	33	Servicebe	erry (Juneberry)	) Low	Variable	Tall Shrub	is hummocky to undulating.
	Black Cherry	2	Sapling/Pole	4		Cho	ke Cherry	Low	Variable	Sapling	
Sv	vamp White Oak	10	Sapling/Pole	4		Sw	veet Fern	Low	< 5 feet	Tall Shrub	

DNR DNR

Stand	Level 4 Cover Type  6220 - Alder/willow			ize De	nsity	Acres Stand A	ge BA Range	Managed \$	Site	General Comments
109	6220 - Al	der/willow		Nonsto	cked	3.1		No		The stand is heavy to tag alder.
110	6113 - Low	land Maple	e Po	oletimbe	er Poor	4.2 94	51-80	N/A		Lowland hardwood edge excluded from the adjacent timber sale. Non-
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Spe	cies Density	Avg. Height	Size	forested marsh grass center.
	Red Maple	65	Pole/Sap/Log	8	94	Deciduous Shru	bs Medium	5 - 10 feet	Tall Shrub	
	Paper Birch	10	Pole/Sapling	5			1			
Black	K/Red (Hybrid) Oak	20	Log/Pole	10	94					
Sw	vamp White Oak	5	Log/Pole	10						
111	6113 - Low	land Maple	e Pole	etimber	Medium	n 7.8 61	1-50	N/A		
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Spe	cies Density	Avg. Height	Size	
	Red Maple	65	Pole/Sapling	7	61	Deciduous Shru		5 - 10 feet	Tall Shrub	
No	orthern Pin Oak	25	Pole/Sapling	7	61			I		
	Paper Birch	10	Pole/Sapling	6						
112	6224 - T	reed Bog		Nonsto	cked	18.9		No		The stand is mostly leatherleaf with a few pockets of slightly dryer red pine.
						Sub-Canopy Spe	cies Density	Avg. Height	Size	pino.
						White Pine	Trace		Seeding	
						Oak (spp.)	Trace		Sapling	
						Red Pine	Medium		Log	
						Paper Birch	Trace		Sapling	
						Red Pine	Low		Sapling	
113	4126 - White, B	lack, N. Pii	n Oak Sa	apling N	1edium	23.0 13	1-50	N/A		The stand was harvested in 2007 as a seed tree harvest. It has
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Spe	cies Density	Avg. Height	Size	regenerated fairly well with some decent aspen clones coming in. There is also some seed source and stump sprouts oak and maple. The stand
	Red Maple	10	Sapling	2	13	Witch Hazel	Low	< 5 feet	Tall Shrub	is on a ridge.
Black	<pre></pre>	35	Sapling	2	13					
Black	√Red (Hybrid) Oak	10	Log	13	85					
	White Oak	10	Sapling	2	13					
	White Oak	10	Log	14						
В	Bigtooth Aspen	25	Sapling	2	13					
114	6119 - Mixed Lov Fol	wland Deci	duous Sa	awtimbe	er Well	34.1 94	111-140	N/A		The stand is slightly undulating and it is a mixture of upland and lowland. The upland is about 30% and more concentrated in the eastern end of
					er Well	34.1 94 Sub-Canopy Spe		N/A  Avg. Height	Size	The upland is about 30% and more concentrated in the eastern end of the stand. The over story is declining. There is a greater proportion of
	For	rest								The upland is about 30% and more concentrated in the eastern end of
	For Canopy Species	rest % Cover	Size Class	DBH	Age	Sub-Canopy Spe	cies Density	Avg. Height	Size	The upland is about 30% and more concentrated in the eastern end of the stand. The over story is declining. There is a greater proportion of oak down than other species. Timber was setup for sale but did not get
	For Canopy Species Red Maple	% Cover	Size Class Log/Pole	<b>DBH</b>	Age	Sub-Canopy Spe Red Maple	Density Medium Low	Avg. Height Variable	Size Sapling	The upland is about 30% and more concentrated in the eastern end of the stand. The over story is declining. There is a greater proportion of oak down than other species. Timber was setup for sale but did not get



											DNR DNR
Stand	Level 4 Co	over Type	S	ize De	ensity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
115	6113 - Lov	wland Map	le Po	letimb	er Well	14.4	73	1-50	N/A		The shrub layer is very dense. The over story trees are mainly pole size
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	maple with some larger trees.
	Red Maple	75	Pole/Sapling	5	73	Decid	uous Shrubs	Full	Variable	Tall Shrub	
Sv	wamp White Oak	5	Sapling/Pole	4							
	Paper Birch	3	Sapling	2							
Blac	k/Red (Hybrid) Oak	17	Pole/Sapling	5							
116	4199 - Other Mixed	d Upland [	Deciduous Po	letimb	er Poor	11.2	32	1-50	N/A		Harvested under contract 73-003-86-01, No Problem. Stand was clear-
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	cut 2" and up. Sparse stand. Poor regeneration area. Several lowland pockets. Originally part of a larger stand.
E	Bigtooth Aspen	35	Pole	8	32	Mich	nigan Holly	Medium	5 - 10 feet	Tall Shrub	positions: Originally part of a larger stands
N	orthern Pin Oak	45	Pole/Sapling	7	32	North	ern Pin Oak	Low	10 - 20 feet	Sapling	
	Red Maple	15	Sapling/Pole	4	32	Re	ed Maple	Low	5 - 10 feet	Sapling	
	Paper Birch	5	Sapling/Pole	4	32						
117	6113 - Lov	wland Map	le Sa	awtimb	er Well	27.0	89	51-80	N/A		The stand is a matrix of upland and lowland, with the lowland being the majority. Patch cut January of 2015 under contract # 73-017-13-01,
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Power Hum Select. Average BA was reduced to 73 sq. ft. by cutting one
	Red Maple	60	Log/Pole/XLog	12	89	Re	ed Maple	Medium	Variable	Sapling	80 ft. regeneration gap per acre and marking skid routes between gaps.
	White Oak	23	Log/XLog/Pole	14		Servicebe	erry (Juneberry)	Low	Variable	Tall Shrub	Gaps are primarily located on upland portions of the stand. Wet areas
	Paper Birch	2	Pole/Sapling	5		Musclew	ood/Hornbeam	Low	Variable	Sapling	were avoided were possible. Regeneration in gaps is mostly deciduous shrubs at this point.
[	Bigtooth Aspen	5	Log/Pole	12		As	sh (spp.)	Low	Variable	Sapling	
Blac	k/Red (Hybrid) Oak	10	Log/XLog	16		Wit	ch Hazel	Low	5 - 10 feet	Tall Shrub	
						W	nite Pine	Low	5 - 10 feet	Sapling	
118	4125 - Blac	k, N. Pin C	Dak Po	letimb	er Well	50.9	15	1-50	N/A		The stand was harvested in 2005. Oak less than 4 inches DBH and
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	scattered log size trees were left. The stand is a mix of log, pole, and sapling size trees. Two aged stand over-all, however, a variable middle
	White Oak	10	Sapling	2	15	Wit	ch Hazel	Medium	5 - 10 feet	Tall Shrub	age class could defined. Aspen in the stand is in patches and is not
	White Oak	10	Log	14	91						uniformly distributed.
E	Bigtooth Aspen	15	Sapling	2	15						
Blac	k/Red (Hybrid) Oak	55	Sapling/Pole/Log	4	15						
	White Pine	10	Pole/Sapling	5							
119	6113 - Lov	wland Map	le Po	letimb	er Well	11.6	94	81-110	N/A		The stand is mainly lowland with inclusion of upland. The upland makes
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	up about 20% of the stand. The over story is declining especially in the oaks. There appears to have been some small salvage harvest done in
	Red Maple	60	Pole/Log	9	94	Re	ed Maple	Medium	Variable	Sapling	the stand.
	White Oak	5	Log	13		Decid	uous Shrubs	High	Variable	Tall Shrub	
Blac	k/Red (Hybrid) Oak	25	Log	11		Oa	ak (spp.)	Medium	Variable	Sapling	
_	11/1/1: 0.1				1						

**POLEYN** 

Swamp White Oak

10

13

Log

Compartment: 106 Year of Entry: 2023 Stand Size Density **Managed Site General Comments Level 4 Cover Type** Acres Stand Age BA Range 26.5 94 N/A 6119 - Mixed Lowland Deciduous Poletimber Well 51-80 The stand is mainly lowland with about 20% upland. Most of the ash is 120 now on the ground. The oak for the most part has slowed its decline. Forest The aspen is still declining. Excellent release of pole and sapling red Size **Canopy Species** % Cover Size Class **DBH Age Sub-Canopy Species** Density Avg. Height maple throughout the stand. Red Maple 53 Pole/Sap/Log 9 94 Red Maple High Variable Sapling 7 12 Quaking Aspen Log/Pole Deciduous Shrubs High Variable Tall Shrub Black/Red (Hybrid) Oak 15 Log/Pole 13 Serviceberry (Juneberry) Low Variable Tall Shrub 121 3105 - Mixed Upland Herbaceous Nonstocked 22.8 Managed Opening This has a high voltage overhead power line running its length. The ground cover under it is mainly grass. The stand is upland, for the most part, but there are inclusions of lowland. 4125 - Black, N. Pin Oak Poletimber Well 13.4 73 51-80 N/A The stand is hummocky and is mainly oak poles. There are some larger 122 saw log oaks that were left, when the stand was harvested. % Cover Size Class Size **Canopy Species DBH Age Sub-Canopy Species** Density Avg. Height Deciduous Shrubs Red Maple 15 Pole 6 Full Variable Tall Shrub 9 White Oak 5 Pole/Log/Sap Paper Birch 4 Pole/Sapling 5 5 8 Bigtooth Aspen Pole 7 73 Black/Red (Hybrid) Oak 61 Pole/Sap/Log White Pine 10 Pole/Log/Sap 9 622 - Lowland Shrub Nonstocked 10.0 No The stand has an inclusion of leatherleaf, but much of the stand is 123 lowland shrubs. The trees, in the stand, have a crown closure that is less **Sub-Canopy Species** Density Avg. Height Size than 25%. Variable Tall Shrub Tag Alder High Paper Birch Low Variable Sapling Black/Red (Hybrid) Oak Variable Low Sapling Leatherleaf Tall Shrub Medium Variable 124 6113 - Lowland Maple Poletimber Poor 12.2 60 1-50 N/A The stand is a mix of lowland hardwood poles/saplings/logs over lowland shrubs. Stand was previously coded as non-forested. **Canopy Species** % Cover Size Class **DBH Age Sub-Canopy Species** Density Avg. Height Size 6 60 High 5 - 10 feet Tall Shrub Red Maple 65 Pole/Sap/Log Michigan Holly Paper Birch 15 Sapling/Pole 4 60 Tag Alder High 5 - 10 feet Tall Shrub Black/Red (Hybrid) Oak 15 Pole/Sap/Log 6 60 White Pine 5 Pole/Sap/Log 6

N/A

No

Size

Tall Shrub

Sapling

Tall Shrub

Avg. Height

< 5 feet

Variable

Variable

27

**Sub-Canopy Species** 

Tag Alder

Musclewood/Hornbeam

Dogwood (spp.)

**Immature** 

Density

Full

Low

Full

10.6

2.6

Sapling Medium

3

2

Nonstocked

**DBH Age** 

27

The stand is heavy to red osier dogwood.

along the edges of the stand.

The stand is very wet. The regeneration is hard to distinguish because of

the thick tag alder and dogwood shrubs. The musclewood is mainly

**Canopy Species** 

Red Maple

White Oak

125

126

6113 - Lowland Maple

6229 - Mixed lowland shrub

65

35

% Cover Size Class

Sapling

Sapling



Stand	Level 4 Co	over Type	s	ize De	nsity	Acres S	tand Age B	A Range	Managed S	Site	General Comments
127	6127 - Lo	wland Pine	e Sa	wtimb	er Well	5.6	69	141-170	N/A		This stand appears to be wet. The ground cover is mainly
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cano	py Species	Density	Avg. Height	Size	huckleberry/blueberry with some inclusions of leather leaf and lowland shrubs. The low areas are most obvious in the eastern portion of the
	White Pine	14	Log/Pole	10		Deciduous	s Saplings	Low	Variable	Tall Shrub	stand.
	Red Pine	86	Log/XLog/Pole	14	69	Huckle	eberry	Full	< 5 feet	Tall Shrub	
128	6220 - Al	lder/willow	1	Nonsto	cked	7.3	0		No		2023 YOE Comments: Clear-cut under FTP W-73-310 (1988).
											Tag alder regeneration area. Scattered sapling hardwood.
129	6112 - Low	vland Aspe	en Sa	wtimb	er Well	21.1	65	81-110	N/A		
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cano	py Species	Density	Avg. Height	Size	
C	Quaking Aspen	50	Log/Pole	10	65	Dogwoo	od (spp.)	High	5 - 10 feet	Tall Shrub	
	Red Maple	15	Pole/Log/Sap	8		Tag /	Alder	Medium	5 - 10 feet	Tall Shrub	
No	orthern Pin Oak	25	Log/Pole/XLog	10		Michiga	an Holly	Medium	5 - 10 feet	Tall Shrub	
Sw	vamp White Oak	10	Pole/Sap/Log	7		Green	n Ash	Low	10 - 20 feet	Sapling	
						Red N	Maple	Medium	10 - 20 feet	Sapling	
						Northern	Pin Oak	Medium	10 - 20 feet	Sapling	
						White	Oak	Low	10 - 20 feet	Sapling	
						Swamp V	Vhite Oak	Medium	10 - 20 feet	Sapling	
130	6225	- Bog		Vonsto	cked	2.7			No		This is mainly a leather leaf bog with some scattered trees in it. The treat read are mainly white and red pines with some oak and paper birch. The
						Sub-Cano	py Species	Density	Avg. Height	Size	eastern side of the stand changes, becoming more of an L-Type mixed
						Huckle	eberry	Low		Tall Shrub	
						Oak (	(spp.)	Trace		Sapling	
						Pines	(spp.)	Low		Sapling	
						Leath	erleaf	Full		Tall Shrub	
131	629 - Mixed non	-forested \	wetland I	Nonsto	ocked	6.3			No		This stand is mainly marsh grass and leatherleaf. There are some tree present. However, they are widely scattered or they're concentrated along the edges.
132	6119 - Mixed Lov Fo	wland Dec	iduous Sa	wtimb	er Well	59.9	94	51-80	N/A		There are inclusions of upland making up about 33% of the stand. In some of the wetter areas wind thrown is present as well as standing
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cano	py Species	Density	Avg. Height	Size	water. Harvested under contract # 73-015-13-01, Teed Mix in Septemb of 2017. The residual BA of the stand was 70 sqft with one 60 ft canon
(	Red Maple	50	Log/Pole	10	94		Maple	Low	Variable	Sapling	gap created per acre. No one species was eliminated however aspen
(			Log/Pole	12		Deciduou	s Shrubs	High	Variable	Tall Shrub	and ash were targeted. Regeneration is minimal at this time and is
	White Oak	25	_09,. 0.0					_			
	<u>'</u>	3	Log	15		Oak (	(spp.)	Low	Variable	Sapling	mostly witch hazel, musclewood, and service berry. Expected to take 10+ years to establish. Good crop of pole maple released post harves



tand	Level 4 Cover Type			Size Density		710100	Stand Age B	- J	Managed S		General Comments
33	6225	- Bog	1	Vonsto	ocked	14.8			No		The stand is almost a treed bog but the crown closured is less than 15%
						Sub-Car	nopy Species	Density	Avg. Height	Size	There are scattered birch, maple, white pine and oaks trees in the stand
						Wh	ite Pine	Trace	Variable	Sapling	
						Lea	atherleaf	Full	< 5 feet	Tall Shrub	
						Blueberry/Bi	ilberry/Cranber	ry Medium	< 5 feet	Tall Shrub	
						Oa	k (spp.)	Trace	Variable	Sapling	
				Pap	er Birch	Low	Variable	Sapling			
34	6229 - Mixed lowland shrub			Nonstocked		3.1	3.1		No		
35	4125 - Blaci	4125 - Black, N. Pin Oak		Sawtimber We		27.8	73	81-110	N/A		The stand is on a ridge. The stand has a mixture of mature oak, pine an
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	maple with regenerating pine, oak, maple, and aspen. Three aged stand. The stand was shelter wood harvested around 1975under
	Red Maple	10	Pole	7	45	Red	d Maple	Medium	Variable	Sapling	contract #38-75A, Coldwell. Portions of the stand were then harvested i
	White Oak	15	Log	14		Huc	kleberry	Low	< 5 feet	Tall Shrub	1996.
E	Bigtooth Aspen	5	Pole	6	45	Black/Red	d (Hybrid) Oak	Medium	Variable	Sapling	
Blac	k/Red (Hybrid) Oak	45	Log/Pole	12	73						
	White Pine	15	Log/Pole	10							
	White Pine Red Pine	15	Log/Pole Log/XLog/Pole	10							
	Red Pine 6119 - Mixed Lor Fo	10 wland Dec	Log/XLog/Pole iduous Sa	14 pling I	Medium	15.4	7 I	mmature	N/A		The stand appears to dry out going south. The saw logs increase in percentage going from north to south. It also goes from a maple/ash stand to maple/oak stand going from north to south. However, oak is
	Red Pine 6119 - Mixed Lor Fo Canopy Species	10 wland Decorest % Cover	Log/XLog/Pole iduous Sa Size Class	14 pling I	I Age	15.4	7 I	mmature	N/A		percentage going from north to south. It also goes from a maple/ash stand to maple/oak stand going from north to south. However, oak is increasing throughout the stand. Stand was harvested in October of
	Red Pine 6119 - Mixed Lor Fo Canopy Species Red Maple	wland Decorest  Cover  45	Log/XLog/Pole iduous Sa Size Class Sapling/Pole	pling I	7 <b>Age</b>	15.4	7 1	mmature	N/A		percentage going from north to south. It also goes from a maple/ash stand to maple/oak stand going from north to south. However, oak is increasing throughout the stand. Stand was harvested in October of 2014 under contract # 73-017-13-01, Power Hum Select. The stand wa
	Red Pine 6119 - Mixed Lor Fo Canopy Species Red Maple Red Oak	wland Decorest  **Cover** 45 3	Log/XLog/Pole iduous Sa Size Class Sapling/Pole Log	14 pling I  DBH  2 12	7 89	15.4	7	mmature	N/A		percentage going from north to south. It also goes from a maple/ash stand to maple/oak stand going from north to south. However, oak is increasing throughout the stand. Stand was harvested in October of 2014 under contract # 73-017-13-01, Power Hum Select. The stand wa cut 4" and up retaining a decent amount of pole/sapling size oak and
	Red Pine 6119 - Mixed Lov Fo Canopy Species Red Maple Red Oak White Oak	wland Decorest  Cover  45  3  15	iduous Sa Size Class Sapling/Pole Log Sapling/Pole	14 pling I  DBH 2 12 12 3	7 <b>Age</b>	15.4	7 I	mmature	N/A		percentage going from north to south. It also goes from a maple/ash stand to maple/oak stand going from north to south. However, oak is increasing throughout the stand. Stand was harvested in October of 2014 under contract # 73-017-13-01, Power Hum Select. The stand was cut 4" and up retaining a decent amount of pole/sapling size oak and maple 5 - 20 feet tall. 4.7 sq. ft. of high quality oak and pine were left fo retention. A small area (roughly an acre) in the NW corner was not cut
	Red Pine 6119 - Mixed Lor Fo Canopy Species Red Maple Red Oak White Oak White Pine	10 wland Decorest	iduous Sa  Size Class Sapling/Pole Log Sapling/Pole Pole/Log	14 pling I  DBH 2 12 3 9	7 89	15.4	7 I	mmature	N/A		percentage going from north to south. It also goes from a maple/ash stand to maple/oak stand going from north to south. However, oak is increasing throughout the stand. Stand was harvested in October of 2014 under contract # 73-017-13-01, Power Hum Select. The stand was cut 4" and up retaining a decent amount of pole/sapling size oak and
	Red Pine 6119 - Mixed Lov Fo Canopy Species Red Maple Red Oak White Oak	wland Decorest  Cover  45  3  15	iduous Sa Size Class Sapling/Pole Log Sapling/Pole	14 pling I  DBH 2 12 12 3	7 89	15.4	7 I	mmature	N/A		percentage going from north to south. It also goes from a maple/ash stand to maple/oak stand going from north to south. However, oak is increasing throughout the stand. Stand was harvested in October of 2014 under contract # 73-017-13-01, Power Hum Select. The stand wa cut 4" and up retaining a decent amount of pole/sapling size oak and maple 5 - 20 feet tall. 4.7 sq. ft. of high quality oak and pine were left for retention. A small area (roughly an acre) in the NW corner was not cut
36	Red Pine 6119 - Mixed Lor Fo Canopy Species Red Maple Red Oak White Oak White Pine	## 10 wland Decorest ## 45 ## 3 ## 15 ## 10 ## 2	Log/XLog/Pole iduous Sa Size Class Sapling/Pole Log Sapling/Pole Pole/Log Log/XLog	14 pling I  DBH 2 12 3 9 14	7 89		7 1	mmature 51-80	N/A		percentage going from north to south. It also goes from a maple/ash stand to maple/oak stand going from north to south. However, oak is increasing throughout the stand. Stand was harvested in October of 2014 under contract # 73-017-13-01, Power Hum Select. The stand was cut 4" and up retaining a decent amount of pole/sapling size oak and maple 5 - 20 feet tall. 4.7 sq. ft. of high quality oak and pine were left fo retention. A small area (roughly an acre) in the NW corner was not cut because it was too wet. Clear-cut under contract #38-75A, Coldwell.  The stand is in a depression and is heavy to pole size maple with some
37	Red Pine 6119 - Mixed Lor Fo Canopy Species Red Maple Red Oak White Oak White Pine Red Pine	wland Decorest  Cover  45  3  15  10  2  wland Maple	Log/XLog/Pole iduous Sa Size Class Sapling/Pole Log Sapling/Pole Pole/Log Log/XLog	14  pling I  DBH  2 12 3 9 14	7 89 7	7.3				Size	percentage going from north to south. It also goes from a maple/ash stand to maple/oak stand going from north to south. However, oak is increasing throughout the stand. Stand was harvested in October of 2014 under contract # 73-017-13-01, Power Hum Select. The stand wa cut 4" and up retaining a decent amount of pole/sapling size oak and maple 5 - 20 feet tall. 4.7 sq. ft. of high quality oak and pine were left fo retention. A small area (roughly an acre) in the NW corner was not cut because it was too wet. Clear-cut under contract #38-75A, Coldwell.
37	Red Pine 6119 - Mixed Lor Fo Canopy Species Red Maple Red Oak White Oak White Pine Red Pine 6113 - Lov	wland Decorest  Cover  45  3  15  10  2  wland Maple	Log/XLog/Pole iduous Sa Size Class Sapling/Pole Log Sapling/Pole Pole/Log Log/XLog	14  pling I  DBH  2 12 3 9 14	7 89 7	7.3 Sub-Car	46	51-80	N/A	<b>Size</b> Tall Shrub	percentage going from north to south. It also goes from a maple/ash stand to maple/oak stand going from north to south. However, oak is increasing throughout the stand. Stand was harvested in October of 2014 under contract # 73-017-13-01, Power Hum Select. The stand wa cut 4" and up retaining a decent amount of pole/sapling size oak and maple 5 - 20 feet tall. 4.7 sq. ft. of high quality oak and pine were left for retention. A small area (roughly an acre) in the NW corner was not cut because it was too wet. Clear-cut under contract #38-75A, Coldwell.  The stand is in a depression and is heavy to pole size maple with some ash and aspen. Clear-cut under contract #38-75A, Coldwell.
37	Red Pine 6119 - Mixed Lore For Canopy Species Red Maple Red Oak White Oak White Pine Red Pine 6113 - Low Canopy Species	wland Decorest  Cover  45 3 15 10 2  vland Mapl	Log/XLog/Pole iduous Sa Size Class Sapling/Pole Log Sapling/Pole Pole/Log Log/XLog  de Po Size Class	DBH 2 12 3 9 14 letimb	7 89 7 eer Well	7.3 Sub-Car	46 nopy Species	51-80  Density	N/A Avg. Height		percentage going from north to south. It also goes from a maple/ash stand to maple/oak stand going from north to south. However, oak is increasing throughout the stand. Stand was harvested in October of 2014 under contract # 73-017-13-01, Power Hum Select. The stand wa cut 4" and up retaining a decent amount of pole/sapling size oak and maple 5 - 20 feet tall. 4.7 sq. ft. of high quality oak and pine were left for retention. A small area (roughly an acre) in the NW corner was not cut because it was too wet. Clear-cut under contract #38-75A, Coldwell.  The stand is in a depression and is heavy to pole size maple with some ash and aspen. Clear-cut under contract #38-75A, Coldwell.
37	Red Pine 6119 - Mixed Lor Fo Canopy Species Red Maple Red Oak White Oak White Pine Red Pine 6113 - Lov Canopy Species Red Maple	## 10 wland Decorest  ## Cover	Log/XLog/Pole iduous Sa Size Class Sapling/Pole Log Sapling/Pole Pole/Log Log/XLog  Be Pole/Size Class Pole/Sapling	14  pling I  DBH  2 12 3 9 14  pletimb  DBH  5	7 89 7 eer Well 1 Age	7.3 Sub-Car	46 nopy Species	51-80  Density	N/A Avg. Height		percentage going from north to south. It also goes from a maple/ash stand to maple/oak stand going from north to south. However, oak is increasing throughout the stand. Stand was harvested in October of 2014 under contract # 73-017-13-01, Power Hum Select. The stand was cut 4" and up retaining a decent amount of pole/sapling size oak and maple 5 - 20 feet tall. 4.7 sq. ft. of high quality oak and pine were left fo retention. A small area (roughly an acre) in the NW corner was not cut because it was too wet. Clear-cut under contract #38-75A, Coldwell.  The stand is in a depression and is heavy to pole size maple with some ash and aspen. Clear-cut under contract #38-75A, Coldwell.
37	Red Pine  6119 - Mixed Lore For Canopy Species Red Maple Red Oak White Oak White Pine Red Pine  6113 - Low Canopy Species Red Maple Quaking Aspen	10   wland Decorest	Log/XLog/Pole iduous Sa Size Class Sapling/Pole Log Sapling/Pole Pole/Log Log/XLog  Be Po Size Class Pole/Sapling Pole/Sapling	14  pling I  DBH  2 12 3 9 14  DBH  DBH  5 6	7 89 7 eer Well 1 Age	7.3 Sub-Car	46 nopy Species	51-80  Density	N/A Avg. Height		percentage going from north to south. It also goes from a maple/ash stand to maple/oak stand going from north to south. However, oak is increasing throughout the stand. Stand was harvested in October of 2014 under contract # 73-017-13-01, Power Hum Select. The stand wa cut 4" and up retaining a decent amount of pole/sapling size oak and maple 5 - 20 feet tall. 4.7 sq. ft. of high quality oak and pine were left for retention. A small area (roughly an acre) in the NW corner was not cut because it was too wet. Clear-cut under contract #38-75A, Coldwell.  The stand is in a depression and is heavy to pole size maple with some ash and aspen. Clear-cut under contract #38-75A, Coldwell.
37	Red Pine  6119 - Mixed Lore For Canopy Species Red Maple Red Oak White Oak White Pine Red Pine  6113 - Lov Canopy Species Red Maple Quaking Aspen White Pine wamp White Oak	10   wland Decorest	Log/XLog/Pole iduous Sa Size Class Sapling/Pole Log Sapling/Pole Pole/Log Log/XLog  de Po Size Class Pole/Sapling Pole/Sapling Pole/Sapl/Log Log	14 pling I  DBH 2 12 3 9 14  DBH 5 6 5 14	7 89 7 eer Well 1 Age	7.3  Sub-Car  Decidu	46 nopy Species	51-80  Density	N/A Avg. Height		percentage going from north to south. It also goes from a maple/ash stand to maple/oak stand going from north to south. However, oak is increasing throughout the stand. Stand was harvested in October of 2014 under contract # 73-017-13-01, Power Hum Select. The stand was cut 4" and up retaining a decent amount of pole/sapling size oak and maple 5 - 20 feet tall. 4.7 sq. ft. of high quality oak and pine were left for retention. A small area (roughly an acre) in the NW corner was not cut because it was too wet. Clear-cut under contract #38-75A, Coldwell.  The stand is in a depression and is heavy to pole size maple with some ash and aspen. Clear-cut under contract #38-75A, Coldwell.  The stand is variable going from well stocked to poorly stocked. The overstory is declining especially in the oaks and ash. However, there is
Sv 338	Red Pine  6119 - Mixed Lore For Canopy Species Red Maple Red Oak White Oak White Pine Red Pine  6113 - Lov Canopy Species Red Maple Quaking Aspen White Pine wamp White Oak	10   wland Decorest	Log/XLog/Pole iduous Sa Size Class Sapling/Pole Log Sapling/Pole Pole/Log Log/XLog  de Po Size Class Pole/Sapling Pole/Sapling Pole/Sapl/Log Log	14 pling I  DBH 2 12 3 9 14  DBH 5 6 5 14	7 89 7 7 eer Well 46 46	7.3  Sub-Car  Decidu  m 9.4	46 nopy Species ous Shrubs	51-80  Density  High  1-50	N/A Avg. Height Variable		percentage going from north to south. It also goes from a maple/ash stand to maple/oak stand going from north to south. However, oak is increasing throughout the stand. Stand was harvested in October of 2014 under contract # 73-017-13-01, Power Hum Select. The stand was cut 4" and up retaining a decent amount of pole/sapling size oak and maple 5 - 20 feet tall. 4.7 sq. ft. of high quality oak and pine were left for retention. A small area (roughly an acre) in the NW corner was not cut because it was too wet. Clear-cut under contract #38-75A, Coldwell.  The stand is in a depression and is heavy to pole size maple with some ash and aspen. Clear-cut under contract #38-75A, Coldwell.  The stand is variable going from well stocked to poorly stocked. The ow story is declining especially in the oaks and ash. However, there is significant maple and ash regeneration in the understory. There is an
Sv 338	Red Pine 6119 - Mixed Lor Fo Canopy Species Red Maple Red Oak White Oak White Pine Red Pine 6113 - Lov Canopy Species Red Maple Quaking Aspen White Pine wamp White Oak 6119 - Mixed Lor Fo	10   wland Decorest	Log/XLog/Pole iduous Sa Size Class Sapling/Pole Log Sapling/Pole Pole/Log Log/XLog  de Po Size Class Pole/Sapling Pole/Sapling Pole/Sap/Log Log iduous Pole	14 pling I  DBH 2 12 3 9 14  DBH 5 6 5 14	7 89 7 Per Well 46 46 46 F Mediu	7.3  Sub-Car  Decidu  m 9.4  Sub-Car	46 nopy Species ous Shrubs	51-80  Density  High  1-50	N/A Avg. Height Variable N/A	Tall Shrub	percentage going from north to south. It also goes from a maple/ash stand to maple/oak stand going from north to south. However, oak is increasing throughout the stand. Stand was harvested in October of 2014 under contract # 73-017-13-01, Power Hum Select. The stand was cut 4" and up retaining a decent amount of pole/sapling size oak and maple 5 - 20 feet tall. 4.7 sq. ft. of high quality oak and pine were left fo retention. A small area (roughly an acre) in the NW corner was not cut because it was too wet. Clear-cut under contract #38-75A, Coldwell.  The stand is in a depression and is heavy to pole size maple with some ash and aspen. Clear-cut under contract #38-75A, Coldwell.  The stand is variable going from well stocked to poorly stocked. The ov story is declining especially in the oaks and ash. However, there is



Stand	Level 4 Co	ver Type	s	ize De	ensity	Acres	Stand Age E	BA Range	Managed S	Site	General Comments
139	6119 - Mixed Lov Fo	wland Dec rest	iduous Sa	awtimb	er Well	22.9	96	111-140	N/A		This stand is along the Teed Drain. The terrain is undulating to rolling. It is also a matrix of uplands and lowlands with the lowlands being the
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	majority. In addition, the bluffs to the south were included in the stand.
	Red Maple	40	Log/Pole/XLog	14	96	Re	ed Maple	Medium	Variable	Sapling	
	Beech	2	Log/Pole	10		Decid	uous Shrubs	Medium	5 - 10 feet	Tall Shrub	
	Red Oak	9	Log/Pole/XLog	15		Musclew	ood/Hornbeam	Low	Variable	Sapling	
	White Oak	12	Log/Pole/XLog	15		Oa	ak (spp.)	Low	Variable	Sapling	
	Bigtooth Aspen	10	Log/Pole	12						'	
Blac	ck/Red (Hybrid) Oak	10	Log/Pole/XLog	15							
	White Pine	15	XLog/Log	18							
	Hemlock	2	Log	14							
140	6224 - T	reed Bog		Nonst	ocked	4.1		Immature	No		
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						Pa	per Birch	Medium	10 - 20 feet	Sapling	
						Le	atherleaf	Full	< 5 feet	Tall Shrub	
						WI	hite Pine	Medium	Variable	Sapling	
141	6127 - Lo	wland Pine	e Po	oletimb	er Poor	9.5	45	1-50	N/A		Conifer stand with scattered birch and maple. Previously a lowland shrub stand. Clear-cut under contract #38-75A, Coldwell.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Stand. Clear-cut under contract #36-75A, Coldwell.
	Red Maple	10	Sapling/Pole	4	45	WI	hite Pine	Medium	5 - 10 feet	Sapling	
	Paper Birch	10	Sapling	3		Decid	uous Shrubs	High	5 - 10 feet	Tall Shrub	
	White Pine	80	Pole/Sap/Log	6	45						•
142	4191 - Mixed Upla Coi	nd Decidu nifer	ious with Po	oletimb	er Well	24.7	46	1-50	N/A		The stand is a mixture of fully stocked areas and areas that are poorly stocked. The open areas are seeding in with pine. Clear-cut under
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	contract #38-75A, Coldwell.
	White Oak	8	Pole/Sapling	6		Decid	uous Shrubs	Medium	Variable	Tall Shrub	
	Paper Birch	2	Sapling	4		Pin	nes (spp.)	Low	Variable	Sapling	
Blac	ck/Red (Hybrid) Oak	50	Pole/Sapling	6	46	Hu	ckleberry	High	< 5 feet	Tall Shrub	
	White Pine	20	Log/Pole/Sap	12		Oa	ak (spp.)	Low	Variable	Sapling	
	Red Pine	10	Log/Pole	12							•
	Bigtooth Aspen	10	Pole	7	46						



Stand	Level 4 Co	over Type	;	Size De	ensity	Acres	Stand Age E	BA Range	Managed 9	Site	General Comments
143	4130	- Aspen		Saplin		21.3	7	Immature	N/A		The stand is a matrix of upland and lowland with the lowland being about 20%. The paper birch and oak are heaviest in the lowland areas.
Cano	opy Species	% Cover	Size Class	DBH	l Age						Harvested 2" and up in December of 2014 under contract # 73-017-13-
Red	d Maple	12	Sapling/Pole	3	7						01, Power Hum Select. Individual tree retention of approximately 4%
Pap	er Birch	5	Pole/Sapling	5	7						which is concentrated along the private property boundary and Teed Drain floodplain. Also scattered pole sized maple and birch were left.
Quaki	ing Aspen	25	Sapling	1	7						Clear-cut under contract #38-75A, Coldwell.
Bigtoo	oth Aspen	40	Sapling	1	7						, , , , , , , , , , , , , , , , , , , ,
Swamp	White Oak	3	Sapling	1	7						
Black/Red	d (Hybrid) Oak	10	Sapling	1	7						
Wh	ite Pine	5	Sapling	1	7						
<b>144</b> 6	119 - Mixed Lo Fo	wland Dec erest	iduous Po	etimbe	r Mediu	m 6.3	56	51-80	N/A		West end of stand is upland and more sparse.
Cano	opy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Red	d Maple	55	Pole/Sap/Log	7	56	Mich	igan Holly	High	5 - 10 feet	Tall Shrub	
Northe	ern Pin Oak	35	Log/Pole	10	56	Re	d Maple	Medium	10 - 20 feet	Sapling	
Swamp	White Oak	10	Log/Pole	10							
145	6114 - Lo	wland Oak	: S	awtimb	er Well	10.0	96	81-110	N/A		The stand is mainly on the flood plain of the Teed Drain. The two bluffs
Cano	opy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	along the flood plain to the south of the drain were included. These areas together are less than 3 acres in size. The white pine in the stand is
Red	d Maple	20	Pole/Sap/Log	7		Re	d Maple	Medium	Variable	Sapling	mainly on the bluffs south of the drain.
Wh	nite Oak	60	Log/XLog/Pole	14	96	Decidu	ious Shrubs	High	5 - 10 feet	Tall Shrub	
Wh	ite Pine	20	XLog/Log	22		Musclewo	ood/Hornbeam	n High	Variable	Sapling	
						As	h (spp.)	Low	Variable	Sapling	
<b>146</b> 6	119 - Mixed Lo Fo	wland Dec orest	iduous P	oletimb	er Well	12.0	48	81-110	N/A		Previously coded as an aspen stand. Aspen canopy cover is below 40%. Borderline between upland and lowland. Lowlands appear to be
Cano	opy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	fairly dry.
Bigtod	oth Aspen	10	Pole	7	48	Re	d Maple	Medium	>20 feet	Sapling	
Quaki	ing Aspen	25	Pole	7	48	Northe	ern Pin Oak	Low	10 - 20 feet	Sapling	
Northe	ern Pin Oak	30	Pole	7	48						
Red	d Maple	30	Pole	7	48						
Swamp	White Oak	5	Log	14							
<b>147</b> 419	99 - Other Mixed	d Upland D	eciduous P	oletimb	er Poor	16.8	48	1-50	N/A		Stand has is a mix of oak, aspen, and maple but it is less than 20 BA.
Cano	opy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Aspen and maple are 48 years old. Oak 4" and under were left during previous harvest.
Bigtoo	oth Aspen	35	Pole	8	48	WI	nite Oak	Low	5 - 10 feet	Sapling	F
		15	Pole	7	48	Servicebe	erry (Juneberry	) Low	10 - 20 feet	Sapling	
Red	d Maple	15	1 016	/	70	000000	) (0 a0 2 0)	,		- 1 3	
	d Maple ern Pin Oak	45	Pole/Log	9	48	00.1.0020	) (0	,			

Gladwin Mgt. Unit Report 7 – Stands



Stand	Level 4 C	over Type	S	ize De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
148	6119 - Mixed Lo Fe	owland Dec	iduous Po	oletimb	er Well	20.8	48	51-80	N/A		Stand is a dryer E-Type and will be able to harvest in the future.  Harvested 4" and up in the past. Regeneration has been slow to fill in.
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Good maple sapling layer in the sub-canopy now. West end is better quality than east.
No	orthern Pin Oak	30	Pole/Sap/Log	7		Re	ed Maple	High	>20 feet	Sapling	quality than cast.
	Red Maple	50	Pole/Sap/Log	7	48	Northe	ern Pin Oak	Medium	>20 feet	Sapling	
	Paper Birch	5	Pole	7	48	Swamp	p White Oak	Low	>20 feet	Sapling	
Sw	wamp White Oak	5	Pole/Log	9		Mich	igan Holly	Low	5 - 10 feet	Tall Shrub	
Е	Bigtooth Aspen	5	Pole	8	48						
149	6119 - Mixed Lo	owland Dec orest	iduous Sa	awtimb	er Well	5.4	60	81-110	N/A		Stand is dry in the SW corner but get progressively wetter to the NE. Two-aged stand. Older oak over younger maple/aspen.
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Sw	wamp White Oak	25	Log/XLog	15	105	Re	ed Maple	Medium	>20 feet	Sapling	
No	orthern Pin Oak	20	Log/Pole	12							
C	Quaking Aspen	5	Log/Pole	12	60						
	Paper Birch	2	Pole	8							
	Sassafras	5	Pole	8							
	Red Maple	43	Pole/Log/Sap	8	60						
	-		0 1								
150	4125 - Blac	ck, N. Pin C			Mediun	n 10.7	22 l	mmature	N/A		TS #015-99-01. Clearcut 11/99. Left oak trees less than 4" dbh. Stand
	4125 - Blac	ck, N. Pin C	Dak Pole		Age		22 I	mmature  Density	N/A Avg. Height	Size	TS #015-99-01. Clearcut 11/99. Left oak trees less than 4" dbh. Stand did not regenerate well to aspen. Most of the trees that now occupy the stand are the residual trees from the harvest.
(			Dak Pole			Sub-Ca				<b>Size</b> Sapling	did not regenerate well to aspen. Most of the trees that now occupy the
(	Canopy Species	% <b>Cover</b> 75	Dak Pole Size Class	DBH	22 22	Sub-Car Northe	nopy Species	Density	Avg. Height		did not regenerate well to aspen. Most of the trees that now occupy the
	Canopy Species orthern Pin Oak	<b>% Cover</b> 75	Dak Pole Size Class Pole/Log/Sap	DBH 8	<b>Age</b> 22	Sub-Car Northe	nopy Species ern Pin Oak	<b>Density</b> Low	Avg. Height 5 - 10 feet	Sapling	did not regenerate well to aspen. Most of the trees that now occupy the
(	Canopy Species orthern Pin Oak Red Maple	% Cover 75 15 10	Oak Pole Size Class Pole/Log/Sap Sapling/Pole Pole/Sapling	<b>DBH</b> 8 4 5	22 22	Sub-Car Northe	nopy Species ern Pin Oak	<b>Density</b> Low	Avg. Height 5 - 10 feet	Sapling	did not regenerate well to aspen. Most of the trees that now occupy the
151	Canopy Species orthern Pin Oak Red Maple Paper Birch	% Cover 75 15 10 orthern Har	Oak Pole Size Class Pole/Log/Sap Sapling/Pole Pole/Sapling	DBH 8 4 5	22 22 22 22	Sub-Car Northe Re	nopy Species ern Pin Oak ed Maple	Density Low Low	Avg. Height 5 - 10 feet 10 - 20 feet	Sapling	did not regenerate well to aspen. Most of the trees that now occupy the stand are the residual trees from the harvest.
151	Canopy Species orthern Pin Oak Red Maple Paper Birch 4119 - Mixed No	% Cover 75 15 10 orthern Har	Dak Pole Size Class Pole/Log/Sap Sapling/Pole Pole/Sapling dwoods Po	DBH 8 4 5	Age 22 22 22 er Well	Norther Re	nopy Species ern Pin Oak ed Maple	Density Low Low 81-110	Avg. Height 5 - 10 feet 10 - 20 feet N/A	Sapling Sapling	did not regenerate well to aspen. Most of the trees that now occupy the stand are the residual trees from the harvest.
151	Canopy Species orthern Pin Oak Red Maple Paper Birch 4119 - Mixed No Canopy Species	% Cover 75 15 10 10 10 10 10 10 10 10 10 10 10 10 10	Dak Pole Size Class Pole/Log/Sap Sapling/Pole Pole/Sapling  dwoods Po	DBH  8 4 5  Description	Age 22 22 22 er Well Age	Norther Re	nopy Species ern Pin Oak ed Maple  84 nopy Species	Density Low Low 81-110 Density	Avg. Height 5 - 10 feet 10 - 20 feet  N/A  Avg. Height	Sapling Sapling Size	did not regenerate well to aspen. Most of the trees that now occupy the stand are the residual trees from the harvest.
151 Sw	Canopy Species orthern Pin Oak Red Maple Paper Birch 4119 - Mixed No Canopy Species Red Maple	% Cover 15 10 10 10 10 10 10 10 10 10 10 10 10 10	Dak Pole Size Class Pole/Log/Sap Sapling/Pole Pole/Sapling  dwoods Pole Size Class Pole/Log	8	Age 22 22 22 er Well Age	Norther Re	nopy Species ern Pin Oak ed Maple  84 nopy Species	Density Low Low 81-110 Density	Avg. Height 5 - 10 feet 10 - 20 feet  N/A  Avg. Height	Sapling Sapling Size	did not regenerate well to aspen. Most of the trees that now occupy the stand are the residual trees from the harvest.
151 Sw	Canopy Species orthern Pin Oak Red Maple Paper Birch 4119 - Mixed No Canopy Species Red Maple wamp White Oak	% Cover 75 15 10 10 10 10 10 10 10 10 10 10 10 10 10	Dak Pole Size Class Pole/Log/Sap Sapling/Pole Pole/Sapling  dwoods Po Size Class Pole/Log Pole/Log	8	22 22 22 er Well Age 84	Norther Re	nopy Species ern Pin Oak ed Maple  84 nopy Species	Density Low Low 81-110 Density	Avg. Height 5 - 10 feet 10 - 20 feet  N/A  Avg. Height	Sapling Sapling Size	did not regenerate well to aspen. Most of the trees that now occupy the stand are the residual trees from the harvest.
151 Sw	Canopy Species orthern Pin Oak Red Maple Paper Birch 4119 - Mixed No Canopy Species Red Maple wamp White Oak Quaking Aspen	% Cover 75 15 10 10 orthern Har 66 5 5 5	Dak Pole Size Class Pole/Log/Sap Sapling/Pole Pole/Sapling  dwoods Po Size Class Pole/Log Pole/Log Log	8	22 22 22 er Well Age 84	Norther Re	nopy Species ern Pin Oak ed Maple  84 nopy Species	Density Low Low 81-110 Density	Avg. Height 5 - 10 feet 10 - 20 feet  N/A  Avg. Height	Sapling Sapling Size	did not regenerate well to aspen. Most of the trees that now occupy the stand are the residual trees from the harvest.
151 Sww.	Canopy Species orthern Pin Oak Red Maple Paper Birch 4119 - Mixed No Canopy Species Red Maple wamp White Oak Quaking Aspen Paper Birch	% Cover   75   15   10   10   10   10   10   10   1	Dak Pole Size Class Pole/Log/Sap Sapling/Pole Pole/Sapling  dwoods Po Size Class Pole/Log Pole/Log Log Pole/Log	8   4   5   5   5   5   5   6   6   6   6   6	22 22 22 er Well Age 84	Norther Re	nopy Species ern Pin Oak ed Maple  84 nopy Species	Density Low Low 81-110 Density	Avg. Height 5 - 10 feet 10 - 20 feet  N/A  Avg. Height	Sapling Sapling Size	did not regenerate well to aspen. Most of the trees that now occupy the stand are the residual trees from the harvest.
151 Sww.	Canopy Species orthern Pin Oak Red Maple Paper Birch 4119 - Mixed No Canopy Species Red Maple wamp White Oak Quaking Aspen Paper Birch Red Pine orthern Pin Oak	% Cover   75   15   10   10   10   10   10   10   1	Dak Pole Size Class Pole/Log/Sap Sapling/Pole Pole/Sapling  dwoods Po Size Class Pole/Log Log Pole/Log Log Pole/Log Log/Pole Log/Pole	B	Age 22 22 22 22 22 er Well Age 84 84 84 Medium	Norther Re	nopy Species ern Pin Oak ed Maple  84 nopy Species	Density Low Low 81-110 Density	Avg. Height 5 - 10 feet 10 - 20 feet  N/A  Avg. Height	Sapling Sapling Size	did not regenerate well to aspen. Most of the trees that now occupy the stand are the residual trees from the harvest.
151 Sw C	Canopy Species orthern Pin Oak Red Maple Paper Birch  4119 - Mixed No Canopy Species Red Maple wamp White Oak Quaking Aspen Paper Birch Red Pine orthern Pin Oak  6119 - Mixed Lo Fo Canopy Species	% Cover   75   15   10   10   10   10   10   10   1	Dak Pole Size Class Pole/Log/Sap Sapling/Pole Pole/Sapling  dwoods Pole Size Class Pole/Log Log Pole/Log Log/Pole Log/Pole Siduous Sa	B	Age 22 22 22 22 22 er Well Age 84 84	Sub-Can Norther Re  12.3 Sub-Can Re	nopy Species ern Pin Oak ed Maple  84 nopy Species ed Maple  48 nopy Species	Low Low 81-110 Density Medium	Avg. Height 5 - 10 feet 10 - 20 feet  N/A  Avg. Height >20 feet	Sapling Sapling Size Sapling	did not regenerate well to aspen. Most of the trees that now occupy the stand are the residual trees from the harvest.  Log sized oak/maple/aspen/pine over younger maple poles.  Saplings over brush. Harvested with adjacent stands. Low site quality.
151 Sw C	Canopy Species orthern Pin Oak Red Maple Paper Birch  4119 - Mixed No Canopy Species Red Maple wamp White Oak Quaking Aspen Paper Birch Red Pine orthern Pin Oak	% Cover   75   15   10   10   10   10   10   10   1	Dak Pole Size Class Pole/Log/Sap Sapling/Pole Pole/Sapling  dwoods Pole Size Class Pole/Log Log Pole/Log Log Pole/Log Log/Pole Log/Pole siduous Sa	B	Age 22 22 22 22 22 er Well Age 84 84 84 Medium	Sub-Can Norther Re  12.3 Sub-Can Re	nopy Species ern Pin Oak ed Maple  84  nopy Species ed Maple	Density Low Low 81-110 Density Medium	Avg. Height 5 - 10 feet 10 - 20 feet  N/A  Avg. Height >20 feet	Sapling Sapling Size Sapling	did not regenerate well to aspen. Most of the trees that now occupy the stand are the residual trees from the harvest.  Log sized oak/maple/aspen/pine over younger maple poles.  Saplings over brush. Harvested with adjacent stands. Low site quality.
151 Sw No	Canopy Species orthern Pin Oak Red Maple Paper Birch  4119 - Mixed No Canopy Species Red Maple wamp White Oak Quaking Aspen Paper Birch Red Pine orthern Pin Oak  6119 - Mixed Lo Fo Canopy Species Red Maple Blackgum	% Cover   75   15   10   10   10   10   10   10   1	Dak Pole Size Class Pole/Log/Sap Sapling/Pole Pole/Sapling  dwoods Pole Size Class Pole/Log Log Pole/Log Log/Pole Log/Pole Siduous Sa	B	Age 22 22 22 22 22 22 22 22 22 22 22 22 22	Sub-Can Norther Re  12.3 Sub-Can Re	nopy Species ern Pin Oak ed Maple  84 nopy Species ed Maple  48 nopy Species	Density Low Low 81-110 Density Medium  1-50 Density	Avg. Height 5 - 10 feet 10 - 20 feet  N/A  Avg. Height >20 feet	Sapling Sapling Size Sapling	did not regenerate well to aspen. Most of the trees that now occupy the stand are the residual trees from the harvest.  Log sized oak/maple/aspen/pine over younger maple poles.  Saplings over brush. Harvested with adjacent stands. Low site quality.
151 Sw No	Canopy Species orthern Pin Oak Red Maple Paper Birch  4119 - Mixed No Canopy Species Red Maple wamp White Oak Quaking Aspen Paper Birch Red Pine orthern Pin Oak  6119 - Mixed Lo Fo Canopy Species Red Maple	% Cover   75   15   10   10   10   10   10   10   1	Dak Pole Size Class Pole/Log/Sap Sapling/Pole Pole/Sapling  dwoods Po Size Class Pole/Log Log Pole/Log Log/Pole Log/Pole siduous Sa Size Class Sapling/Pole	B	Age 22 22 22 22 22 22 er Well Age 84 84 84 Medium Age 48	Sub-Can Norther Re  12.3 Sub-Can Re	nopy Species ern Pin Oak ed Maple  84 nopy Species ed Maple  48 nopy Species	Density Low Low 81-110 Density Medium  1-50 Density	Avg. Height 5 - 10 feet 10 - 20 feet  N/A  Avg. Height >20 feet	Sapling Sapling Size Sapling	did not regenerate well to aspen. Most of the trees that now occupy the stand are the residual trees from the harvest.  Log sized oak/maple/aspen/pine over younger maple poles.  Saplings over brush. Harvested with adjacent stands. Low site quality.
151 Sww 152	Canopy Species orthern Pin Oak Red Maple Paper Birch  4119 - Mixed No Canopy Species Red Maple wamp White Oak Quaking Aspen Paper Birch Red Pine orthern Pin Oak  6119 - Mixed Lo Fo Canopy Species Red Maple Blackgum	% Cover   75   15   10   10   10   10   10   10   1	Dak Pole Size Class Pole/Log/Sap Sapling/Pole Pole/Sapling  dwoods Po Size Class Pole/Log Log Pole/Log Log/Pole Log/Pole Siduous Sa Sapling/Pole Sapling/Pole Sapling/Pole	B	Age 22 22 22 22 22 22 22 22 22 22 22 22 22	Sub-Can Norther Re  12.3 Sub-Can Re	nopy Species ern Pin Oak ed Maple  84 nopy Species ed Maple  48 nopy Species	Density Low Low 81-110 Density Medium  1-50 Density	Avg. Height 5 - 10 feet 10 - 20 feet  N/A  Avg. Height >20 feet	Sapling Sapling Size Sapling	did not regenerate well to aspen. Most of the trees that now occupy the stand are the residual trees from the harvest.  Log sized oak/maple/aspen/pine over younger maple poles.  Saplings over brush. Harvested with adjacent stands. Low site quality.



	Level 4 C	over Type	s	ize De	ensity	Acres	Stand Age BA	A Range	Managed \$	Site	General Comments
153	6119 - Mixed Lo	wland Deci prest	duous Po	oletimb	er Well	45.5	48	51-80	N/A		Stand is somewhat low and wet. Varies from upland knolls to brushy lowland drainages. This stand was harvested in the past. Good single
Ca	nopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	stem maple recruitment throughout the stem. Aspen is in highest concentration towards Castor Rd.
	Red Maple	55	Pole/Sap/Log	7	48		ed Maple	High	Variable	Sapling	Concentration towards Castor Rd.
Nort	hern Pin Oak	25	Pole/Sap/Log	7	48	Mich	nigan Holly	Medium	5 - 10 feet	Tall Shrub	
Qu	aking Aspen	10	Pole	7	48			'			
Swar	mp White Oak	5	Pole/Log	8							
154	4131 - A	spen, Oak	Po	oletimb	er Poor	14.3	48	1-50	N/A		Sparse aspen stand. Center of the stand is heavy pit mound with 25%
Ca	nopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	cover. Good stocking of oak saplings in the understory.
	tooth Aspen	50	Pole/Log	8	48		ern Pin Oak	Medium	10 - 20 feet	Sapling	
Nort	hern Pin Oak	25	Pole/Log	8		W	hite Oak	Low	10 - 20 feet	Sapling	
F	Red Maple	20	Pole	7		Re	ed Maple	Low	10 - 20 feet	Sapling	
Р	aper Birch	5	Pole	7							
	nopy Species		Size Class	_	l Age						
Ca	nopy Species	% Cover	Size Class	DBH	l Age						
	aking Aspen	15	Pole	8	48						
	Red Maple	30	Pole	7	48						
	hern Pin Oak	25	Pole/Log	8	48						
	aper Birch	5	Pole/Sapling	6	48						
	mp White Oak	10	Pole/Sapling	6	48						
\	White Oak	5	Pole/Log	9							
Б.											
Big	tooth Aspen	10	Pole	8	48						
Big 1 <b>56</b>	6119 - Mixed Lo				48 per Well	11.1	50	81-110	N/A		Stand is low and wet. The oak in the stand is mainly pin oak with swam white oak a close second. West end was habitat cut in the spring of 19
156	6119 - Mixed Lo	wland Deci		oletimb			50	81-110 <b>Density</b>	N/A  Avg. Height	Size	
1 <b>56</b>	6119 - Mixed Lo	wland Deci	duous Po	oletimb	er Well	Sub-Ca				<b>Size</b> Sapling	white oak a close second. West end was habitat cut in the spring of 19
156 Ca Swar	6119 - Mixed Lo Fo Inopy Species	owland Deci prest % Cover	duous Po	DBI	er Well	Sub-Ca	nopy Species	Density	Avg. Height		white oak a close second. West end was habitat cut in the spring of 19
156 Ca Swar Qu	6119 - Mixed Lo Fo Inopy Species mp White Oak	owland Deci orest  **Cover*  20	duous Po	DBH 9	er Well	Sub-Ca Re Swam	nopy Species ed Maple	<b>Density</b> Medium	Avg. Height >20 feet	Sapling	white oak a close second. West end was habitat cut in the spring of 19 under FTP W8-494.
156 Ca Swar Qu	6119 - Mixed Lo Fo Inopy Species mp White Oak aking Aspen	wland Deciprest  % Cover  20 5	duous Po Size Class Pole/Log Pole	DBH 9 8	er Well  Age 50	Sub-Ca Re Swam	nopy Species ed Maple p White Oak	Density  Medium  Low	Avg. Height >20 feet 10 - 20 feet	Sapling Sapling	white oak a close second. West end was habitat cut in the spring of 1 under FTP W8-494.



	Level 4 C	over Type	S	ize De	ensity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
158	6119 - Mixed Lo	wland Dec prest	iduous Sa	apling I	Medium	29.6	22 I	mmature	N/A		TS# 015-95-01. Clearcut 11/99. Left oak trees less than 4" dbh. The stand regenerated more to oak with only pockets of aspen. On the drye
(	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	site in the stand the covertype is oak on the wetter site it is lowland hardwood. The skid trail use to harvest the stand were deeply rutted and
	White Oak	5	Sapling	2	22	WI	hite Oak	Low	5 - 10 feet	Sapling	now are vernal ponds.
	Red Maple	40	Sapling/Pole	3	22	Swamp	o White Oak	Low	5 - 10 feet	Sapling	·
Sv	vamp White Oak	20	Sapling/Pole	2	22	Mich	igan Holly	High	5 - 10 feet	Tall Shrub	
159	6119 - Mixed Lo	wland Dec prest	iduous Po	oletimb	er Well	68.1	67	81-110	N/A		Portions of the stand are wet, mostly in the west end, some of which are too wet to harvest. East end of the stand appears to be harvestable with
(	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	at least 30% of the land position being upland. The ground cover consist of a lot of royal fern and senstive fern in low areas and bracken fern on
N	orthern Pin Oak	20	Pole/Log/Sap	8	67	Re	d Maple	Medium	10 - 20 feet	Sapling	the uplands. The mature oak in the stand has been declining for
	Red Maple	49	Pole/Log/Sap	7	67	Servicebe	erry (Juneberry)	) Low	10 - 20 feet	Sapling	decades. Oaks in the primary age class are growing well. Stand has
Sv	vamp White Oak	20	Log/Pole/XLog	12	94	Mich	igan Holly	Low	5 - 10 feet	Tall Shrub	three age classes: 67, 94 and 30. Vast majority of the stems are 67.
	White Oak	5	Log/XLog	16	94			,		•	•
Е	Bigtooth Aspen	2	Log	14	67						
	Quaking Aspen	2	Log/Pole	10	67						
161	6119 - Mixed Lo	wland Dec	iduous Sa	awtimb	er Poor	6.6	91	1-50	N/A		Low density aspen logs. Stand is too wet to manage.
	Fo	orest								Size	Low density aspen logs. Stand is too wet to manage.
(	For Canopy Species	orest % Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	<b>Size</b>	Low density aspen logs. Stand is too wet to manage.
(	Focus Canopy Species Quaking Aspen	% Cover	Size Class Log	<b>DB</b> H	<b>1 Age</b> 91	Sub-Ca				<b>Size</b> Sapling	Low density aspen logs. Stand is too wet to manage.
(	For Canopy Species	orest % Cover	Size Class	<b>DBH</b> 14 14	l Age	Sub-Ca	nopy Species	Density	Avg. Height		Low density aspen logs. Stand is too wet to manage.
(	Canopy Species Quaking Aspen Silver Maple vamp White Oak	% Cover 30 35	Size Class  Log  Log  Log/Pole/XLog	<b>DBH</b> 14 14	91 91 91 91	Sub-Ca	nopy Species	Density	Avg. Height		Low density aspen logs. Stand is too wet to manage.  Stand is a mix of tag alder, willow and grasses. Stand is wet and has a Type along the edges of the stand.
Sw 162	Canopy Species Quaking Aspen Silver Maple vamp White Oak	30   35   35     35	Size Class  Log  Log  Log  Log/Pole/XLog	DBH 14 14 12 Nonsto	91 91 91 91	Sub-Ca Swamp 2.9	nopy Species o White Oak	Density	Avg. Height 10 - 20 feet		Stand is a mix of tag alder, willow and grasses. Stand is wet and has a Type along the edges of the stand.  TS #015-99-01. Clearcut 11/99. Left oak trees less than 4" dbh. The
Sw 162	Canopy Species Quaking Aspen Silver Maple vamp White Oak 622 - Lov	% Cover 30 35 35 35 wland Shrut	Size Class  Log  Log  Log  Log/Pole/XLog	DBH 14 14 12 Nonsto	91 91 91 91 91	Sub-Ca Swamp 2.9	nopy Species o White Oak	Density Low	Avg. Height 10 - 20 feet No		Stand is a mix of tag alder, willow and grasses. Stand is wet and has a Type along the edges of the stand.  TS #015-99-01. Clearcut 11/99. Left oak trees less than 4" dbh. The canopy closure is around 50%. There are numerous open areas in the
Sw 162	Canopy Species Quaking Aspen Silver Maple vamp White Oak  622 - Lov	% Cover 30 35 35 35 wland Shrut	Size Class  Log  Log  Log/Pole/XLog  Dak  Sa	DBH 14 14 12 Nonsto	91 91 91 ocked	Sub-Ca Swamp 2.9 33.9 Sub-Ca	nopy Species  White Oak	Density Low	Avg. Height 10 - 20 feet  No  N/A	Sapling	Stand is a mix of tag alder, willow and grasses. Stand is wet and has a Type along the edges of the stand.  TS #015-99-01. Clearcut 11/99. Left oak trees less than 4" dbh. The
Sv 162	Canopy Species Quaking Aspen Silver Maple vamp White Oak 622 - Lov 4125 - Blac Canopy Species	% Cover 30 35 35 35 vland Shrub	Size Class  Log  Log  Log/Pole/XLog  Dak  Size Class	DBH 14 14 12 Nonsto	91 91 91 ocked	Sub-Ca Swamp 2.9 33.9 Sub-Ca	nopy Species  White Oak  22 I	Density  Low  mmature  Density	Avg. Height 10 - 20 feet  No  N/A  Avg. Height	Sapling	Stand is a mix of tag alder, willow and grasses. Stand is wet and has a Type along the edges of the stand.  TS #015-99-01. Clearcut 11/99. Left oak trees less than 4" dbh. The canopy closure is around 50%. There are numerous open areas in the
Sv 162	Canopy Species Quaking Aspen Silver Maple vamp White Oak 622 - Low 4125 - Blac Canopy Species orthern Pin Oak	Section	Size Class  Log  Log  Log/Pole/XLog  Dak  Size Class  Sapling/Pole	DBH 14 12 Nonsto	91 91 91 91 ocked  Medium  1 Age 22	Sub-Ca Swamp  2.9  33.9  Sub-Ca WI Norther	p White Oak  22 Inopy Species hite Oak	Density  Low    Low    Density   Low	Avg. Height 10 - 20 feet  No  N/A  Avg. Height 5 - 10 feet	Sapling  Size  Sapling	Stand is a mix of tag alder, willow and grasses. Stand is wet and has a Type along the edges of the stand.  TS #015-99-01. Clearcut 11/99. Left oak trees less than 4" dbh. The canopy closure is around 50%. There are numerous open areas in the
Sw 162	Canopy Species Quaking Aspen Silver Maple vamp White Oak 622 - Low 4125 - Blace Canopy Species orthern Pin Oak Red Maple	30   35   35   35	Size Class  Log  Log  Log/Pole/XLog  Dak  Size Class  Sapling/Pole  Sapling/Pole	DBH	91 91 91 91 91 92 92 92 92 92 93 94 95 95 95 95 95 95 95 95 95 95 95 95 95	Sub-Ca Swamp 2.9 33.9 Sub-Ca Will Northe	22 Inopy Species hite Oak ern Pin Oak	Density  Low    mmature  Density  Low  Medium	No N/A  Avg. Height 5 - 10 feet 5 - 10 feet	Size Sapling Sapling Sapling	Stand is a mix of tag alder, willow and grasses. Stand is wet and has a Type along the edges of the stand.  TS #015-99-01. Clearcut 11/99. Left oak trees less than 4" dbh. The canopy closure is around 50%. There are numerous open areas in the
162 163	Canopy Species Quaking Aspen Silver Maple vamp White Oak  622 - Low  4125 - Blace Canopy Species orthern Pin Oak Red Maple White Oak	30   35   35   35	Size Class  Log  Log  Log/Pole/XLog  Dak  Size Class  Sapling/Pole  Sapling/Pole  Sapling/Pole	DBH 14 12 Nonsto	91 91 91 91 ocked  Medium  1 Age 22 22 22	Sub-Ca Swamp 2.9 33.9 Sub-Ca Will Northe Swamp Pap	p White Oak  22 Inopy Species hite Oak ern Pin Oak p White Oak	Density Low Density Low Medium Low	No  N/A  Avg. Height  5 - 10 feet  5 - 10 feet  5 - 10 feet	Size Sapling Sapling Sapling Sapling	Stand is a mix of tag alder, willow and grasses. Stand is wet and has a Type along the edges of the stand.  TS #015-99-01. Clearcut 11/99. Left oak trees less than 4" dbh. The canopy closure is around 50%. There are numerous open areas in the
162 163	Canopy Species Quaking Aspen Silver Maple vamp White Oak 622 - Low 4125 - Blace Canopy Species orthern Pin Oak Red Maple White Oak Paper Birch	See See See See See See See See See Se	Size Class  Log  Log  Log/Pole/XLog  Dak  Size Class  Sapling/Pole  Sapling/Pole  Sapling/Pole  Sapling/Pole  Sapling	DBH	91 91 91 91 ocked Medium 1 Age 22 22 22 22	Sub-Ca Swamp  2.9  33.9  Sub-Ca WI Northe Swamp Pap Re	22 Inopy Species hite Oak ern Pin Oak o White Oak o White Oak per Birch	Density Low  Density Low Medium Low Low	No  N/A  Avg. Height  5 - 10 feet  5 - 10 feet  5 - 10 feet  5 - 10 feet	Size Sapling Sapling Sapling Sapling Sapling	Stand is a mix of tag alder, willow and grasses. Stand is wet and has a Type along the edges of the stand.  TS #015-99-01. Clearcut 11/99. Left oak trees less than 4" dbh. The canopy closure is around 50%. There are numerous open areas in the stand separated by dense pockets.



Stand	Level 4 C	over Type	s	ize De	ensity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
165	6113 - Lo	wland Map	le Po	oletimb	er Well	13.2	46	51-80	N/A		Super canopy oak over maple/oak canopy. The oak supercanopy is declining. Stand was habitat cut in the spring of 1974 under FTP W8-494
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	deciming. Stand was habitat cut in the spring of 1974 under FTF vvo-494
١	Northern Pin Oak	30	Pole/Log/XLog	8	46	Re	d Maple	Medium	>20 feet	Sapling	
	Red Maple	65	Pole/Log/Sap	8	46						•
	Paper Birch	5	Pole/Sapling	6							
166	622 - Lov	vland Shrul	l o	Nonst	ocked	7.9			No		Stand has a lot of old white pine stumps. The ground cover has some grass but it is mainly blueberry
167	4125 - Blac	k, N. Pin C	oak Po	oletimb	er Poo	9.1	32	1-50	N/A		Stand is filling in with oak and maple. Stand appears to have been heavily rutted. The dominate species is red maple. The red maple is in
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	thick pockets while the oak is scattered throuthout the stand.
١	Northern Pin Oak	60	Pole/Sap/Log	5	32	Northe	ern Pin Oak	Medium	5 - 10 feet	Sapling	
	Red Maple	30	Pole/Sap/Log	5	32	Servicebe	erry (Juneberry)	Low	10 - 20 feet	Sapling	
	Paper Birch	10	Pole/Sapling	5	32	Re	d Maple	Low	10 - 20 feet	Sapling	
						Par	oer Birch	Low	5 - 10 feet	Sapling	
168		- Aspen	Po	oletimb	er Well	13.2	32	81-110	N/A		Harvested under contract 73-003-86-01, No Problem. Stand was clear- 1 cut 2" and up. Dense aspen stand. Area was separated out from a
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	larger cut.
	Bigtooth Aspen	75	Pole	7	32	Northe	ern Pin Oak	Medium	10 - 20 feet	Sapling	
١	Northern Pin Oak	15	Pole/Sapling	5	32	Wit	ch Hazel	Medium	5 - 10 feet	Tall Shrub	
	Red Maple	10	Pole/Sapling	5	32						
169	6119 - Mixed Lo	wland Dec prest	iduous Pole	etimbe	r Mediu	m 18.3	55	51-80	N/A		Variable density stand. Scattered aspen/swamp white oak/ maple pole/logs over younger pole/sapling red maple. Former openings in the
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	stand have slowly filled in over time. Scotch pine present in the south end.
S	wamp White Oak	20	Pole/Log	8	55	Re	d Maple	Medium	>20 feet	Sapling	Cita.
	Quaking Aspen	10	Pole	8	55	Northe	ern Pin Oak	Low	Variable	Sapling	
	Red Maple	35	Pole/Sap/Log	7	55	Swamp	White Oak	Medium	>20 feet	Sapling	
١	Northern Pin Oak	25	Pole/Sap/Log	7	55						•
170	4199 - Other Mixe	d Upland D	Deciduous Sa	awtimb	er Well	26.3	91	51-80	N/A		North half has about 10-15 ac of upland, interspersed with areas of
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	swamp grass ground cover. Southern half has heavy lowland shrubs and is generally much wetter. Good E3 regen in much of stand. Barely on
S	wamp White Oak	15	Log/Pole/Sap	10	94	Re	d Maple	High	>20 feet	Sapling	O9: almost an O5. Oak is swamp white, with some red and pin as well.
	Quaking Aspen	5	Log	14	94	Northe	ern Pin Oak	Medium	>20 feet	Sapling	BA too low for selection and much of stand is inoperable. Evaluate next
N	Northern Pin Oak	38	Log/Pole/XLog	12	91	Swamp	White Oak	Low	>20 feet	Sapling	YOE.
	Red Maple	25	Log/Pole/Sap	12							•
	White Oak	10	Log/XLog	14	94						
	White Oak Red Oak	10	Log/XLog XLog/Log	14 18	94						

Gladwin Mgt. Unit

Compartment: 106 Year of Entry: 2023



Stand	Level 4 C	over Type	Si	ze De	nsity	Acres S	Stand Age B	A Range	Managed S	ite	General Comments
171	6119 - Mixed Lo	wland Dec	iduous Pol	letimb	er Poor	10.9	48	1-50	N/A		Stand was harvested with surrounding stands. Poor regeneration immediately after harvest. Slowly filling in with maple/oak/birch.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Cand	py Species	Density	Avg. Height	Size	
	Paper Birch	25	Sapling	3	48	Deciduo	us Shrubs	Full	5 - 10 feet	Tall Shrub	
	Red Maple	50	Pole/Sapling	5	48						
1	Northern Pin Oak	25	Sapling/Pole	4	48						
172	6119 - Mixed Lo	wland Dec	iduous Saw		Medium	22.2	101	51-80	N/A		Stand is very wet.
	Canopy Species		Size Class	_	l Age		ppy Species	Density	Avg. Height	Size	
S	Swamp White Oak	75	Log/XLog/Pole	12	101	Deciduo	us Shrubs	Medium	5 - 10 feet	Tall Shrub	
	Red Maple	15	Log/Pole	10							
1	Northern Pin Oak	10	Log/Pole/XLog	12							
173	6119 - Mixed Lo Fo	orest			er Well	59.9	56	51-80	N/A		LEFT OAK OVERSTORY. The stand is a mix of dry ridges and wet pockets. Habitat cut under FTP W8-362 in June 1972.
	Canopy Species		Size Class	_	l Age		ppy Species		Avg. Height	Size	
1	Northern Pin Oak	45	Log/Pole	11	56	Red	Maple	Medium	10 - 20 feet	Sapling	
	Red Maple	35	Pole/Sap/Log	7	49						
S	Swamp White Oak	15	Log/Pole	11							
	Paper Birch	3	Pole/Sapling	6							
	White Oak	2	Log	12							
174	310 - Herbac	eous Open	ıland N	Nonsto	ocked	1.9	U	nspecified	No		Stand is an old pine stump field
175	6229 - Mixed	l lowland el				0.4					Stand is a L-Type with some swamp hardwoods in it. The BA of the
		I lowiand si	hrub l	Nonsto	ocked	9.1			No		hardwood is less than 10 BA
176	4125 - Blac				ocked Medium	17.5	22	Immature	No N/A		hardwood is less than 10 BA  TS #015-95-01. Clearcut 11/99. Left oak trees less than 4" dbh. The
176	4125 - Blac	k, N. Pin O		pling I			22 I	Immature			hardwood is less than 10 BA
		k, N. Pin O	Dak Sa <sub>l</sub>	pling I	Medium  I Age		22 I	Immature			hardwood is less than 10 BA  TS #015-95-01. Clearcut 11/99. Left oak trees less than 4" dbh. The aspen in the stand has not regenerated well. Overall the stand is an
	Canopy Species	k, N. Pin O	Dak Sal	pling I	Medium		22 I	Immature			hardwood is less than 10 BA  TS #015-95-01. Clearcut 11/99. Left oak trees less than 4" dbh. The aspen in the stand has not regenerated well. Overall the stand is an
	Canopy Species Bigtooth Aspen	k, N. Pin O <b>% Cover</b> 10	Dak Sap Size Class Sapling	pling I	Medium  I Age		22	Immature			hardwood is less than 10 BA  TS #015-95-01. Clearcut 11/99. Left oak trees less than 4" dbh. The aspen in the stand has not regenerated well. Overall the stand is an
	Canopy Species Bigtooth Aspen White Oak	k, N. Pin O  **Cover* 10 15	Dak Sapling Sapling/Pole	pling I	Medium  I Age 22 22		22	Immature			hardwood is less than 10 BA  TS #015-95-01. Clearcut 11/99. Left oak trees less than 4" dbh. The aspen in the stand has not regenerated well. Overall the stand is an
	Canopy Species Bigtooth Aspen White Oak Red Maple	% Cover 10 15 25	Dak Sal Size Class Sapling Sapling/Pole Sapling	pling I  DBH  3  3  3	Medium  I Age  22  22  22		22 I	Immature			hardwood is less than 10 BA  TS #015-95-01. Clearcut 11/99. Left oak trees less than 4" dbh. The aspen in the stand has not regenerated well. Overall the stand is an
	Canopy Species Bigtooth Aspen White Oak Red Maple Northern Pin Oak Paper Birch 4125 - Blace	ck, N. Pin O  **Cover* 10 15 25 45 5  ck, N. Pin O	Dak Sapling Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole Sapling Sapling	pling I  DBH  3  3  4  2  wtimb	Medium  Age 22 22 22 22 22 22 er Well	17.5	56	51-80	N/A		hardwood is less than 10 BA  TS #015-95-01. Clearcut 11/99. Left oak trees less than 4" dbh. The aspen in the stand has not regenerated well. Overall the stand is an
1	Canopy Species Bigtooth Aspen White Oak Red Maple Northern Pin Oak Paper Birch 4125 - Blac Canopy Species	k, N. Pin O  Cover  10  15  25  45  5  k, N. Pin O	Dak Sal Size Class Sapling Sapling/Pole Sapling/Pole Sapling/Pole Sapling Dak Sal	pling I  DBH  3  3  4  2  wtimb	Medium  Age 22 22 22 22 22 er Well	17.5 8.9 <b>Sub-Cano</b>	56 ppy Species	51-80  Density	N/A N/A	Size	hardwood is less than 10 BA  TS #015-95-01. Clearcut 11/99. Left oak trees less than 4" dbh. The aspen in the stand has not regenerated well. Overall the stand is an
177	Canopy Species Bigtooth Aspen White Oak Red Maple Northern Pin Oak Paper Birch 4125 - Blac Canopy Species White Oak	25 45 5 8k, N. Pin O	Dak Sapling Sapling/Pole Sapling/Pole Sapling/Pole Sapling Sapling Dak Sa Size Class Log/Pole/XLog	DBH 3 3 3 4 2 wtimb DBH 12	Medium    Age	17.5 8.9 <b>Sub-Cano</b>	56	51-80	N/A	Size Sapling	hardwood is less than 10 BA  TS #015-95-01. Clearcut 11/99. Left oak trees less than 4" dbh. The aspen in the stand has not regenerated well. Overall the stand is an
177	Canopy Species Bigtooth Aspen White Oak Red Maple Northern Pin Oak Paper Birch 4125 - Blac Canopy Species White Oak Northern Pin Oak	25 45 5	Dak Sal Size Class Sapling Sapling/Pole Sapling/Pole Sapling Dak Sal Size Class Log/Pole/XLog Log/Pole	DBH 3 3 3 4 2 2 wtimb DBH 12 10	Medium  Age 22 22 22 22 22 er Well	17.5 8.9 <b>Sub-Canc</b>	56 ppy Species	51-80  Density	N/A N/A		hardwood is less than 10 BA  TS #015-95-01. Clearcut 11/99. Left oak trees less than 4" dbh. The aspen in the stand has not regenerated well. Overall the stand is an
177	Canopy Species Bigtooth Aspen White Oak Red Maple Northern Pin Oak Paper Birch 4125 - Blac Canopy Species White Oak	25 45 5 8k, N. Pin O	Dak Sapling Sapling/Pole Sapling/Pole Sapling/Pole Sapling Sapling Dak Sa Size Class Log/Pole/XLog	DBH 3 3 3 4 2 wtimb DBH 12	Medium    Age	17.5 8.9 <b>Sub-Canc</b>	56 ppy Species	51-80  Density	N/A N/A		hardwood is less than 10 BA  TS #015-95-01. Clearcut 11/99. Left oak trees less than 4" dbh. The aspen in the stand has not regenerated well. Overall the stand is an

Report 7 - Stands

Gladwin Mgt. Unit



Stand	Level 4 Co	over Type	s	ize De	nsity	Acres	Stand Age E	BA Range	Managed S	Site	General Comments
178	622 - Low	/land Shrub	1 c	Nonsto	ocked	0.8			No		Alder, E - type saplings, chokeberry, Mi. holly, blueberry. Good cover and food source.
179	6119 - Mixed Lo Fo	wland Dec prest	iduous Saw	rtimbei	Medium	9.0	101	51-80	N/A		Swamp white oak stand with marsh grass.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	
S	wamp White Oak	80	Log/XLog/Pole	14	101	Swamp	White Oak	Medium	10 - 20 feet	Sapling	
	Red Maple	20	Pole/Log/Sap	8		Deciduo	ous Shrubs	Medium	5 - 10 feet	Tall Shrub	
80	320 - Up	land Shrub	1	Vonsto	ocked	2.4			No		Stand is a U-Type with some hardwoods in it. The BA of the hardwood less than 10 BA
81	4131 - A	spen, Oak	Sa	pling I	Medium	17.2	34	Immature	N/A		2023 YOE Comments: Harvested under contract 73-003-86-01, No
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	Problem. Stand was clear-cut 2". Stand has pachy regeneration but overall the stand is a light A2. There are areas of E as well as L and G
	Bigtooth Aspen	40	Sapling/Pole	4	34	Swamp	White Oak	Medium	10 - 20 feet	Sapling	ovoran the stand is a light / E. There are around of E as well as E and S
Ν	Iorthern Pin Oak	25	Sapling/Pole	3	34	Northe	rn Pin Oak	Medium	10 - 20 feet	Sapling	
	Red Maple	10	Sapling/Pole	3	34						-
S	wamp White Oak	5	Sapling	2							
	Paper Birch	5	Sapling/Pole	4	34						
	Quaking Aspen	15	Sapling/Pole	4	34						
182	4131 - A	snen Oak									
					Medium		48	51-80	N/A		OI Stand Year Origin was 1973. Aspen along Nielson Rd is better quality than the north central portion of the stand which is sparse aspen over or
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Bigtooth Aspen	<b>% Cover</b> 35	Size Class Pole	<b>DB</b> H	48	Sub-Can Norther	opy Species rn Pin Oak	<b>Density</b> Medium	Avg. Height 10 - 20 feet	Sapling	$_{ m 1}$ than the north central portion of the stand which is sparse aspen over or
	Bigtooth Aspen Quaking Aspen	% Cover 35 25	Size Class Pole Pole	7 6	l Age	Sub-Can Norther	opy Species rn Pin Oak ite Oak	Density  Medium  Low	<b>Avg. Height</b> 10 - 20 feet 5 - 10 feet	Sapling Sapling	than the north central portion of the stand which is sparse aspen over or
	Bigtooth Aspen Quaking Aspen lorthern Pin Oak	% Cover 35 25 30	Size Class Pole Pole Pole/Sap/Log	7 6 7	48 48	Sub-Can Norther	opy Species rn Pin Oak	<b>Density</b> Medium	Avg. Height 10 - 20 feet	Sapling	$_{ m 1}$ than the north central portion of the stand which is sparse aspen over or
	Bigtooth Aspen Quaking Aspen	% Cover 35 25	Size Class Pole Pole	7 6	48	Sub-Can Norther	opy Species rn Pin Oak ite Oak	Density  Medium  Low	<b>Avg. Height</b> 10 - 20 feet 5 - 10 feet	Sapling Sapling	$_{ m 1}$ than the north central portion of the stand which is sparse aspen over or
	Bigtooth Aspen Quaking Aspen lorthern Pin Oak	% Cover 35 25 30 10	Pole Pole/Sap/Log Sapling/Pole	7 6 7 4	48 48	Sub-Can Norther	opy Species rn Pin Oak ite Oak I Maple	Density  Medium  Low	<b>Avg. Height</b> 10 - 20 feet 5 - 10 feet	Sapling Sapling	than the north central portion of the stand which is sparse aspen over of saplings.  TS #015-99-01. Clearcut 11/99. Left oak trees less than 4" dbh. Stand
83	Bigtooth Aspen Quaking Aspen lorthern Pin Oak Red Maple	% Cover 35 25 30 10  k, N. Pin C	Pole Pole/Sap/Log Sapling/Pole	7 6 7 4 pling !	48 48 48	Sub-Can Norther Whi Red 7.4	opy Species rn Pin Oak ite Oak I Maple	Medium Low Medium Immature	Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet	Sapling Sapling	than the north central portion of the stand which is sparse aspen over of saplings.  TS #015-99-01. Clearcut 11/99. Left oak trees less than 4" dbh. Stand did not come back well to aspen, curently the stand is and O2A1. The Stand of the st
83	Bigtooth Aspen Quaking Aspen lorthern Pin Oak Red Maple  4125 - Blac	% Cover 35 25 30 10  k, N. Pin C	Size Class Pole Pole Pole/Sap/Log Sapling/Pole Dak Sa	7 6 7 4 pling !	48 48 48 Medium	Sub-Can Norther Whi Red 7.4 Sub-Can	opy Species rn Pin Oak ite Oak I Maple	Medium Low Medium Immature	Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet N/A	Sapling Sapling Sapling	than the north central portion of the stand which is sparse aspen over of saplings.  TS #015-99-01. Clearcut 11/99. Left oak trees less than 4" dbh. Stand
183	Bigtooth Aspen Quaking Aspen lorthern Pin Oak Red Maple 4125 - Blac Canopy Species	% Cover  35 25 30 10  k, N. Pin C	Size Class Pole Pole Pole/Sap/Log Sapling/Pole Dak Sa	7 6 7 4 pling I	48 48 48 48 Medium	Sub-Can Norther Whi Red 7.4 Sub-Can	opy Species rn Pin Oak ite Oak I Maple  22 opy Species	Medium Low Medium Low Medium  Density	Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet N/A Avg. Height	Sapling Sapling Sapling	than the north central portion of the stand which is sparse aspen over of saplings.  TS #015-99-01. Clearcut 11/99. Left oak trees less than 4" dbh. Stand did not come back well to aspen, curently the stand is and O2A1. The Stand of the st
183	Bigtooth Aspen Quaking Aspen lorthern Pin Oak Red Maple 4125 - Blac Canopy Species lorthern Pin Oak	% Cover 35 25 30 10  k, N. Pin C % Cover 70	Size Class Pole Pole Pole/Sap/Log Sapling/Pole  Dak Size Class Sapling/Pole	7   6   7   4   Pling     DBH   4	48 48 48 48 Medium 1 Age 22	Sub-Can Norther Whi Red 7.4 Sub-Can	opy Species rn Pin Oak ite Oak I Maple  22 opy Species ite Oak	Medium Low Medium Low Medium  Immature Density Low	Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet N/A Avg. Height 5 - 10 feet	Sapling Sapling Sapling Sapling Size Sapling	than the north central portion of the stand which is sparse aspen over or saplings.  TS #015-99-01. Clearcut 11/99. Left oak trees less than 4" dbh. Stand did not come back well to aspen, curently the stand is and O2A1. The Stand of the st
183	Bigtooth Aspen Quaking Aspen lorthern Pin Oak Red Maple 4125 - Blac Canopy Species lorthern Pin Oak White Oak	% Cover  35 25 30 10  k, N. Pin C  Cover 70 10	Size Class Pole Pole Pole/Sap/Log Sapling/Pole Dak Sa Size Class Sapling/Pole Sapling	DBH 7 6 7 4 Ppling I DBH 4 2	48 48 48 Medium  1 Age 22 22	Sub-Can Norther Whi Red 7.4 Sub-Can	opy Species rn Pin Oak ite Oak I Maple  22 opy Species ite Oak	Medium Low Medium Low Medium  Immature Density Low	Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet N/A Avg. Height 5 - 10 feet	Sapling Sapling Sapling Sapling Size Sapling	than the north central portion of the stand which is sparse aspen over or saplings.  TS #015-99-01. Clearcut 11/99. Left oak trees less than 4" dbh. Stand did not come back well to aspen, curently the stand is and O2A1. The Stand of the st
1 <b>83</b>	Bigtooth Aspen Quaking Aspen lorthern Pin Oak Red Maple 4125 - Blac Canopy Species lorthern Pin Oak White Oak wamp White Oak	% Cover  35 25 30 10  k, N. Pin C  Cover 70 10 5	Size Class Pole Pole Pole/Sap/Log Sapling/Pole Dak Sa Size Class Sapling/Pole Sapling Sapling	DBH 7 6 7 4 Poling ! DBH 4 2 2 2	48 48 48 Medium  1 Age 22 22 22 22	Sub-Can Norther Whi Red 7.4 Sub-Can	opy Species rn Pin Oak ite Oak I Maple  22 opy Species ite Oak	Medium Low Medium Low Medium  Immature Density Low	Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet N/A Avg. Height 5 - 10 feet	Sapling Sapling Sapling Sapling Size Sapling	than the north central portion of the stand which is sparse aspen over of saplings.  TS #015-99-01. Clearcut 11/99. Left oak trees less than 4" dbh. Stand did not come back well to aspen, curently the stand is and O2A1. The stand is and O2A1.
1 <b>83</b>	Bigtooth Aspen Quaking Aspen lorthern Pin Oak Red Maple  4125 - Blac  Canopy Species lorthern Pin Oak White Oak wamp White Oak Red Maple	% Cover  35 25 30 10  k, N. Pin C  % Cover 70 10 5 10 5	Pole Pole/Sap/Log Sapling/Pole Pak Size Class Sapling/Pole Sapling Sapling Sapling Sapling Sapling Sapling Sapling	DBH 7 6 7 4 Ppling I 2 2 3	48 48 48 48 Medium  1 Age 22 22 22 22 22 22	Sub-Can Norther Whi Red 7.4 Sub-Can	opy Species rn Pin Oak ite Oak I Maple  22 opy Species ite Oak rn Pin Oak	Medium Low Medium Low Medium  Immature Density Low	Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet N/A Avg. Height 5 - 10 feet	Sapling Sapling Sapling Sapling Size Sapling	than the north central portion of the stand which is sparse aspen over or saplings.  TS #015-99-01. Clearcut 11/99. Left oak trees less than 4" dbh. Stand did not come back well to aspen, curently the stand is and O2A1. The strom the last YOE was used because of the age of the stand.
183 N S	Bigtooth Aspen Quaking Aspen lorthern Pin Oak Red Maple  4125 - Blac  Canopy Species lorthern Pin Oak White Oak wamp White Oak Red Maple  Bigtooth Aspen	% Cover 35 25 30 10  k, N. Pin C  Cover 70 10 5 10 5 k, N. Pin C	Pole Pole/Sap/Log Sapling/Pole Pak Size Class Sapling/Pole Sapling Sapling Sapling Sapling Sapling Sapling Sapling	DBH 7 6 7 4 Ppling ! 4 2 2 3 4 Sapling DBH	Age	Sub-Can Norther Whi Red 7.4 Sub-Can Whi Norther	opy Species rn Pin Oak ite Oak I Maple  22 opy Species ite Oak rn Pin Oak	Medium Low Medium  Low Medium  Immature  Density Low Medium	Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet N/A Avg. Height 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling Sapling Size Sapling	than the north central portion of the stand which is sparse aspen over or saplings.  TS #015-99-01. Clearcut 11/99. Left oak trees less than 4" dbh. Stand did not come back well to aspen, curently the stand is and O2A1. The Strom the last YOE was used because of the age of the stand.
183 N St	Bigtooth Aspen Quaking Aspen lorthern Pin Oak Red Maple 4125 - Blac Canopy Species lorthern Pin Oak White Oak wamp White Oak Red Maple Bigtooth Aspen	% Cover 35 25 30 10  k, N. Pin C  Cover 70 10 5 10 5 k, N. Pin C	Pole Pole/Sap/Log Sapling/Pole  Size Class Sapling/Pole  Sapling	DBH 7 6 7 4 Ppling ! 2 2 3 4 Sapling DBH 2	Age	Sub-Can Norther Whi Red 7.4 Sub-Can Whi Norther	opy Species rn Pin Oak ite Oak I Maple  22 opy Species ite Oak rn Pin Oak	Medium Low Medium  Low Medium  Immature  Density Low Medium	Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet N/A Avg. Height 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling Sapling Size Sapling	than the north central portion of the stand which is sparse aspen over or saplings.  TS #015-99-01. Clearcut 11/99. Left oak trees less than 4" dbh. Stand did not come back well to aspen, curently the stand is and O2A1. The S from the last YOE was used because of the age of the stand.  2023 YOE Comments: Clear-cut under FTP W-73-310 (1988). OPIC - FMD: Ground cover is a mix of blueberry and grass. Oak saplings have
183 N St	Bigtooth Aspen Quaking Aspen Iorthern Pin Oak Red Maple 4125 - Blac Canopy Species Iorthern Pin Oak White Oak wamp White Oak Red Maple Bigtooth Aspen 4125 - Blac Canopy Species	% Cover  35 25 30 10  k, N. Pin C  Cover 70 10 5 10 5 k, N. Pin C  % Cover	Size Class Pole Pole Pole/Sap/Log Sapling/Pole Dak Size Class Sapling	DBH 7 6 7 4 Ppling ! 2 2 3 4 Capling DBH 2 2 2	Age	Sub-Can Norther Whi Red 7.4 Sub-Can Whi Norther	opy Species rn Pin Oak ite Oak I Maple  22 opy Species ite Oak rn Pin Oak	Medium Low Medium  Low Medium  Immature  Density Low Medium	Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet N/A Avg. Height 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling Sapling Size Sapling	than the north central portion of the stand which is sparse aspen over or saplings.  TS #015-99-01. Clearcut 11/99. Left oak trees less than 4" dbh. Stand did not come back well to aspen, curently the stand is and O2A1. The S from the last YOE was used because of the age of the stand.  2023 YOE Comments: Clear-cut under FTP W-73-310 (1988). OPIC - FMD: Ground cover is a mix of blueberry and grass. Oak saplings have
183 S	Bigtooth Aspen Quaking Aspen Iorthern Pin Oak Red Maple 4125 - Blac Canopy Species Iorthern Pin Oak White Oak Wamp White Oak Red Maple Bigtooth Aspen 4125 - Blac Canopy Species Iorthern Pin Oak	% Cover	Size Class Pole Pole Pole/Sap/Log Sapling/Pole Dak Size Class Sapling	DBH 7 6 7 4 Ppling ! 2 2 3 4 Sapling DBH 2	Age	Sub-Can Norther Whi Red 7.4 Sub-Can Whi Norther	opy Species rn Pin Oak ite Oak I Maple  22 opy Species ite Oak rn Pin Oak	Medium Low Medium  Low Medium  Immature  Density Low Medium	Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet N/A Avg. Height 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling Sapling Size Sapling	than the north central portion of the stand which is sparse aspen over or saplings.  TS #015-99-01. Clearcut 11/99. Left oak trees less than 4" dbh. Stand did not come back well to aspen, curently the stand is and O2A1. The S from the last YOE was used because of the age of the stand.  2023 YOE Comments: Clear-cut under FTP W-73-310 (1988). OPIC - FMD: Ground cover is a mix of blueberry and grass. Oak saplings have

DNR MICHOLD AN

Stand	Level 4 C	over Type		Size D	ensity	Acres	Stand Age B	A Range	Managed :	Site	General Comments
185	6119 - Mixed Lo Fo	owland Dec orest	iduous	Saplin	g Poor	11.7	33	1-50	N/A		2023 YOE Comments: Clear-cut under FTP W-73-310 (1988).The sawlog trees in the stand are mainly swamp white oak and green ash the
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	pulp trees are a mix of green and black ash as welll as red maple.
Sı	wamp White Oak	15	Log	12		T	ag Alder	Medium	5 - 10 feet	Tall Shrub	
Sı	wamp White Oak	25	Sapling	2	33	Mich	higan Holly	High	5 - 10 feet	Tall Shrub	
N	lorthern Pin Oak	30	Sapling/Pole	4	33						•
	Red Maple	30	Sapling/Pole	4	33						
186	6119 - Mixed Lo	owland Dec	iduous P	oletimb	er Poor	6.9	46	1-50	N/A		Stand is a mix of willow, tag alder, swamp white oak, and quaking aspe with lot of standing water.
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	
Sı	wamp White Oak	55	Pole/Log/Sap		46	T	ag Alder	High	5 - 10 feet	Tall Shrub	
(	Quaking Aspen	30	Pole/Log	9	46	W	illow spp.	Medium	10 - 20 feet	Sapling	
	Red Maple	15	Pole/Sap/Log	7	46					1	
187	6119 - Mixed Lo	owland Dec	iduous P	oletim	oer Poor	15.9	49	1-50	N/A		The saw-log trees in the stand are mainly swamp white oak.
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	
Sı	wamp White Oak	30	Log/Pole/Sap	12		Decid	uous Shrubs	Full	5 - 10 feet	Tall Shrub	
	Red Maple	45	Pole/Sapling	5	49						
Ν	lorthern Pin Oak	15	Pole/Sapling	5	49						
	Paper Birch	5	Pole/Sapling	5	49						
(	Quaking Aspen	5	Pole/Sapling	7	49						
188	6119 - Mixed Lo	owland Dec orest	iduous P	oletiml	oer Well	6.1	56	51-80	N/A		Habitat cut June 1972 under FTP W8-362. Oak was most likely left as is slightly older.
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	
N	lorthern Pin Oak	50	Pole/Log/Sap	8	56	Re	ed Maple	Medium	10 - 20 feet	Sapling	
	Red Maple	30	Pole/Sap/Log	7	49						
	Paper Birch	10	Pole/Sapling	6							
(	Quaking Aspen	10	Log/Pole	10							
189	4125 - Blad	ck, N. Pin C	)ak	Saplin	g Well	5.4	22 I	mmature	N/A		TS #015-95-01. Clearcut 11/99. Left oak trees less than 4" dbh. Stand
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	coming back as an A2O1.
Ν	lorthern Pin Oak	60	Sapling/Pole	4	22	North	ern Pin Oak	Medium	10 - 20 feet	Sapling	
	Bigtooth Aspen	15	Sapling/Pole	4	22						
	White Oak	10	Sapling/Pole	4	22						
	Red Maple	15	Sapling/Pole	3	22						
190	310 - Herbac	ceous Open	nland	Nonst	ocked	1.7	U	nspecified	No		Stand has some black cherry scattered in it but it is less than 10 BA



tand	Level 4 C	over Type	s	ize De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
91	310 - Herbac	ceous Open	ıland I	Nonsto	cked	6.6		Immature	No		2023 YOE Comments: Clear-cut under FTP W-73-310 (1988). Minimal regeneration area. Scattered cherry and oak.
92	622 - Lov	wland Shrub	o 1	Nonsto	cked	8.4			No		Alder, E - type saplings, chokeberry, Mi. holly, blueberry. Good cover and food source. OI Stand Year Origin was
93	4199 - Other Mixe	ed Upland D	eciduous Pole	timber	Medium	8.7	46	51-80	N/A		East end of the stand is an active beaver flooding. Much of the east end
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	s Density	Avg. Height	Size	of the stand has water in it. West end of the stand is on a ridge. Many the overstory oak/aspen are dead or dying.
No	orthern Pin Oak	43	Pole/Log/Sap	9	46	Northe	rn Pin Oak	Medium	10 - 20 feet	Sapling	the overstory bandasperrare dead or dying.
	Red Maple	30	Pole/Log/Sap	9	46	Red	d Maple	Medium	10 - 20 feet	Sapling	
В	Sigtooth Aspen	15	Log/XLog	16	93	Swamp	White Oak	Low	10 - 20 feet	Sapling	
Sw	amp White Oak	10	Log/Pole	12							
	White Oak	2	Log	14							
94	4125 - Blac	ck, N. Pin C	oak Sa	pling N	/ledium	5.6	22	Immature	N/A		TS #015-99-01. Clearcut 11/99. Left oak trees less than 4" dbh. The
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	s Density	Avg. Height	Size	edges of the stand did not regenerate well but the central area regenerated as an O3. North end of the stand is part of a beaver
	orthern Pin Oak	65	Sapling/Pole	4	22		ch Hazel	Medium	5 - 10 feet	Tall Shrub	
Sw	amp White Oak	15	Sapling	2	22	Northe	rn Pin Oak	Medium	5 - 10 feet	Sapling	was.
	Red Maple	15	Sapling	2	22	Wh	ite Oak	Low	5 - 10 feet	Sapling	
	White Oak	5	Sapling/Pole	3	22	Swamp	White Oak	Medium	5 - 10 feet	Sapling	
95	4125 - Blac	ck, N. Pin C	ak Pole	timber	Medium	7.4	54	51-80	N/A		TS #015-99-01. Clearcut 11/99. Left oak trees less than 4" dbh. Thes
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	s Density	Avg. Height	Size	are mainly in clumps scattered around the stand. In the area away from the clump the stand did not regenerate well.
No	orthern Pin Oak	70	Pole/Sap/Log	6	54	Northe	rn Pin Oak	Low	10 - 20 feet	Sapling	the dump the stand did not regenerate well.
	Red Maple	20 \$	Sapling/Pole/Log	1 4		Pap	er Birch	Low	10 - 20 feet	Sapling	
	Paper Birch	5	Pole/Sapling	6		·					
В	sigtooth Aspen	5	Pole	8							
96	6119 - Mixed Lo	owland Dec	iduous Saw	rtimber	Medium	10.4	94	51-80	N/A		Scattered older age class aspen/oak/maple over younger maple/oak. Soil is operable. Leave aspen for ecological value. Not enough volume
(	Canopy Species		Size Class	DBH	Age	Sub-Car	nopy Species	s Density	Avg. Height	Size	to warrant harvesting and aspen regeneration will most likely fail.
	amp White Oak	25	Log/Pole	10	94		d Maple	Low	10 - 20 feet	Sapling	
No	orthern Pin Oak	25	Pole/Log	8	54	Swamp	White Oak	Low	Variable	Sapling	
C	Quaking Aspen	25	Log/Pole	10	94		rn Pin Oak	Low	10 - 20 feet	Sapling	
	Red Maple	25	Log/Pole/Sap	10		Decidu	ous Shrubs	High	5 - 10 feet	Tall Shrub	
97	320 - Up	oland Shrub	1	Vonsto	cked	2.9		Immature	No		Poor regeneration area.

DNR DICHIGAN

Stand	Level 4 Co	over Type	Si	ize Deı	nsity	Acres	Stand Age E	BA Range	Managed \$	Site	General Comments
198	4126 - White, E	Black, N. Pi	n Oak Sa	pling M	ledium	9.8	22	Immature	N/A		TS #015-99-01. Clearcut 11/99. Left oak trees less than 4" dbh. Stand
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	is a light O2. There are some open G-Types in the stand.
	White Oak	25	Sapling/Pole	3	22	WI	hite Oak	Low	5 - 10 feet	Sapling	
No	orthern Pin Oak	50	Sapling/Pole	3	22	North	ern Pin Oak	Medium	5 - 10 feet	Sapling	
	Paper Birch	5	Sapling/Pole	4	22	Wit	ch Hazel	Medium	5 - 10 feet	Tall Shrub	
В	igtooth Aspen	20	Sapling/Pole	4	22						
199	6119 - Mixed Lo Fo	wland Deci	iduous Sa	wtimbe	er Well	6.8	91	51-80	N/A		Stand is a mix of low wet pockets and dry knolls. Habitat cut under FTP W8-362 in June of 1972.
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
C	uaking Aspen	20	Log	14	49	Re	d Maple	Medium	>20 feet	Sapling	
Sw	amp White Oak	35	Log/Pole/XLog	12	91	North	ern Pin Oak	Medium	>20 feet	Pole	
No	orthern Pin Oak	25	Log/Pole	10							
	Silver Maple	20	Log/Pole/XLog	14	91						
200	4199 - Other Mixed	d Upland D	eciduous Po	letimbe	er Well	6.9	49	51-80	N/A		Stand is a mix of low wet pockets and dry knolls. Habitat cut under FTP W8-362 in June of 1972.
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Wo-362 III June of 1972.
	Red Maple	50	Pole/Log	9	49	Re	d Maple	High	>20 feet	Sapling	
C	uaking Aspen	20	Log/Pole	10	49						
No	orthern Pin Oak	15	Log/Pole	10							
Sw	ramp White Oak	5	Log/Pole/XLog	12							
	White Oak	10	Log/Pole	10							
201	6112 - Lov	vland Aspe	n Po	letimbe	er Well	6.5	22	Immature	N/A		TS #015-99-01. Clearcut 11/99. Left oak trees less than 4" dbh. Stand
(	Canopy Species	% Cover	Size Class	DBH	Age						is a light A3 heavy to trembling aspen. There are some open G-Types in the stand.
C	uaking Aspen	75	Pole/Sapling	5	22						the stand.
No	orthern Pin Oak	10	Pole/Sapling	5	22						
	Paper Birch	5	Pole/Sapling	5	22						
	Red Maple	10	Sapling/Pole	4	22						
202	6113 - Lov	vland Mapl	e Po	letimbe	er Poor	8.6	94	1-50	N/A		Formerly part of southern lowland hardwood stand. This portion had
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	more ash which has fallen. Stand is now a poor stocking of released maple poles with a lowland brush understory.
	David Maria	75	Pole/Sap/Log	8	94	Mich	igan Holly	High	5 - 10 feet	Tall Shrub	
	Red Maple										
Black	/Red (Hybrid) Oak	10	Log	12	94						
Black	<u> </u>		Log Pole/Sapling	12 5	94						



Stand	Level 4 Co	ver Type	Si	ize De	nsity	Acres	Stand Age E	BA Range	Managed S	ite	General Comments
203	4199 - Other Mixed	d Upland [	Deciduous Sa	wtimb	er Well	16.5	91	81-110	N/A		Upland with pockets of lowland. Un-even aged stand. Good variable
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	understory. High ecological benifit. Let stand progress naturally. The main soil type is Pipetstone Sand.
	Red Maple	25	Log/Pole/XLog	12	91	Red	d Maple	High	Variable	Sapling	Than son type to repetitions can a
	Red Oak	15	XLog/Log	20	120	Northe	rn Pin Oak	Medium	>20 feet	Pole	
Sw	vamp White Oak	10	Log/Pole/XLog	12							
C	Quaking Aspen	20	Log	14	91						
	White Oak	5	XLog/Log	18	120						
	Silver Maple	10	Log/XLog/Pole	14							
No	orthern Pin Oak	15	Log/XLog/Pole	14	91						
204	310 - Herbace	eous Oper	nland f	Nonsto	cked	2.9	0		No		This stand was originally formed by a trespass from the private owner to the south who was haying this area. The owner appears to be still mowing a portion of the original trespass. High herb and brush (blackberry) and quaking aspen filling in. The stand is along Carrol Creek.
205	6112 - Low	land Aspe	en Po	letimb	er Well	49.6	31	51-80	N/A		Harvested in 1990 under contract 73-006-88-01, Castor Road Grouse. All trees were cut 2". The soil under the stand is Pipestone Sand.
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	Around 40 % of the stand is lowland.
C	Quaking Aspen	55	Pole	7	31	Red	d Maple	Medium	>20 feet	Sapling	
	Red Maple	25	Pole/Sapling	6	31						
No	orthern Pin Oak	20	Pole/Sapling	6	31						
206	622 - Low	land Shru	b 1	Nonsto	cked	4.5			No		This stand is in a L-Type drainway. The edges are E3 and grades to A3 as it goes into stand 1. The main ground cover is reed grass, tag alder and salix brush. Soil Pipestone.
											and saily brush. Con repositione.
207	6223 - Inundate	ed Shrub S	Swamp 1	Nonsto	cked	4.3		Immature	No		The stand is low and wet and it is along Castor Road. This stand makes a good pocket of reserve trees in this area of state land. The soil is Wauseon Sandy Loam. Ash has died, stand is now non-forested.
207	6223 - Inundate 4199 - Other Mixed				cked er Well	4.3	91	Immature 81-110	No N/A		The stand is low and wet and it is along Castor Road. This stand makes a good pocket of reserve trees in this area of state land. The soil is Wauseon Sandy Loam. Ash has died, stand is now non-forested.  This stand is long and narrow and runs right along the private line. The
208	4199 - Other Mixed	d Upland [	Deciduous Sa	wtimb	er Well						The stand is low and wet and it is along Castor Road. This stand makes a good pocket of reserve trees in this area of state land. The soil is Wauseon Sandy Loam. Ash has died, stand is now non-forested.  This stand is long and narrow and runs right along the private line. The actual size of the stand depends on the private line location. According to
208	4199 - Other Mixed	d Upland [	Deciduous Sa Size Class	wtimb	er Well						The stand is low and wet and it is along Castor Road. This stand makes a good pocket of reserve trees in this area of state land. The soil is Wauseon Sandy Loam. Ash has died, stand is now non-forested.  This stand is long and narrow and runs right along the private line. The actual size of the stand depends on the private line location. According to the GIS layer, we have a strip most of the length of the private line.
<b>208</b>	4199 - Other Mixed Canopy Species wamp White Oak	d Upland [ % Cover	Deciduous Sa Size Class Log/XLog	DBH	er Well  Age 91						The stand is low and wet and it is along Castor Road. This stand makes a good pocket of reserve trees in this area of state land. The soil is Wauseon Sandy Loam. Ash has died, stand is now non-forested.  This stand is long and narrow and runs right along the private line. The actual size of the stand depends on the private line location. According to
<b>208</b>	4199 - Other Mixed	d Upland [	Deciduous Sa Size Class	wtimb	er Well						The stand is low and wet and it is along Castor Road. This stand makes a good pocket of reserve trees in this area of state land. The soil is Wauseon Sandy Loam. Ash has died, stand is now non-forested.  This stand is long and narrow and runs right along the private line. The actual size of the stand depends on the private line location. According to the GIS layer, we have a strip most of the length of the private line. Leave the stand for some diversity of age class and future wildlife trees.
<b>208</b>	4199 - Other Mixed Canopy Species wamp White Oak orthern Pin Oak	35 35 30	Deciduous Sa Size Class Log/XLog Log/Pole/XLog Log/Pole/XLog	DBH 17 14 12	er Well  Age 91 91						The stand is low and wet and it is along Castor Road. This stand makes a good pocket of reserve trees in this area of state land. The soil is Wauseon Sandy Loam. Ash has died, stand is now non-forested.  This stand is long and narrow and runs right along the private line. The actual size of the stand depends on the private line location. According to the GIS layer, we have a strip most of the length of the private line. Leave the stand for some diversity of age class and future wildlife trees. The soil is Pipestone Sand.  Sale #83-'01. Lowland brush throughout. Pin oak at east end. Clearcut in
208 Sw. No.	4199 - Other Mixed Canopy Species wamp White Oak orthern Pin Oak Red Maple	Upland I  Cover  35  35  35  30  Vland Asper	Deciduous Sa Size Class Log/XLog Log/Pole/XLog Log/Pole/XLog	DBH 17 14 12	er Well  Age 91 91 91	7.5	91	81-110 51-80	N/A	Size	The stand is low and wet and it is along Castor Road. This stand makes a good pocket of reserve trees in this area of state land. The soil is Wauseon Sandy Loam. Ash has died, stand is now non-forested.  This stand is long and narrow and runs right along the private line. The actual size of the stand depends on the private line location. According to the GIS layer, we have a strip most of the length of the private line. Leave the stand for some diversity of age class and future wildlife trees. The soil is Pipestone Sand.
208 Sw No	4199 - Other Mixed Canopy Species wamp White Oak orthern Pin Oak Red Maple 6112 - Low	Upland I  Cover  35  35  35  30  Vland Asper	Deciduous Sa Size Class Log/XLog Log/Pole/XLog Log/Pole/XLog	DBH 17 14 12	er Well  Age 91 91 91 er Well	5.6 7.5 <b>Sub-Can</b>	91	81-110 51-80	N/A	Size Sapling	The stand is low and wet and it is along Castor Road. This stand makes a good pocket of reserve trees in this area of state land. The soil is Wauseon Sandy Loam. Ash has died, stand is now non-forested.  This stand is long and narrow and runs right along the private line. The actual size of the stand depends on the private line location. According to the GIS layer, we have a strip most of the length of the private line. Leave the stand for some diversity of age class and future wildlife trees. The soil is Pipestone Sand.  Sale #83-'01. Lowland brush throughout. Pin oak at east end. Clearcut in
208 Sw No 209	4199 - Other Mixed Canopy Species wamp White Oak orthern Pin Oak Red Maple 6112 - Low Canopy Species	d Upland I  Cover  35  35  30  Vland Aspe	Deciduous Sa Size Class Log/XLog Log/Pole/XLog Log/Pole/XLog en Po	DBH 17 14 12 Iletimbe	er Well Age 91 91 91 er Well Age	5.6 7.5 <b>Sub-Can</b>	91 36 nopy Species	81-110 51-80 <b>Density</b>	N/A N/A Avg. Height		The stand is low and wet and it is along Castor Road. This stand makes a good pocket of reserve trees in this area of state land. The soil is Wauseon Sandy Loam. Ash has died, stand is now non-forested.  This stand is long and narrow and runs right along the private line. The actual size of the stand depends on the private line location. According to the GIS layer, we have a strip most of the length of the private line. Leave the stand for some diversity of age class and future wildlife trees. The soil is Pipestone Sand.  Sale #83-'01. Lowland brush throughout. Pin oak at east end. Clearcut in
208 Sw No 209	4199 - Other Mixed Canopy Species vamp White Oak orthern Pin Oak Red Maple 6112 - Low Canopy Species Quaking Aspen	35 35 30 30 Vland Asper 55	Deciduous Sa Size Class Log/XLog Log/Pole/XLog Log/Pole/XLog en Po Size Class Pole	DBH 7	er Well  Age 91 91 91 91  er Well  Age 36	5.6 7.5 <b>Sub-Can</b>	91 36 nopy Species	81-110 51-80 <b>Density</b>	N/A N/A Avg. Height		The stand is low and wet and it is along Castor Road. This stand makes a good pocket of reserve trees in this area of state land. The soil is Wauseon Sandy Loam. Ash has died, stand is now non-forested.  This stand is long and narrow and runs right along the private line. The actual size of the stand depends on the private line location. According to the GIS layer, we have a strip most of the length of the private line. Leave the stand for some diversity of age class and future wildlife trees. The soil is Pipestone Sand.  Sale #83-'01. Lowland brush throughout. Pin oak at east end. Clearcut in



<b>210</b> 4131				nsity	Acres	Stand Age B		Managed S	one	General Comments
	- Aspen, Oak	Pole	timber	Mediu	ım 11.7	36	51-80	N/A		Upland, except strip along S edge. Lot of cherry, and oak along road ridge. A few small clearings. Good sized dump site next to road. Sale
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	#83-'01. Clear-cut in 1985, sale #73-83-1.
Bigtooth Aspen	65	Pole/Sapling	7	36	Northe	rn Pin Oak	Medium	10 - 20 feet	Sapling	
Northern Pin Oak	20	Pole/Sapling	6	36	Wh	ite Oak	Low	10 - 20 feet	Sapling	
Red Maple	10	Pole/Sapling	6	36						
White Oak	5	Pole/Sapling	5	36						
<b>211</b> 6119 - Mixed	Lowland Dec Forest	ciduous Pol	letimb	er Poo	r 30.1	37	1-50	N/A		Matrix of upland (15%) and lowland. Patches of alder/willow, oak, aspen. Maple 30%, oak 20%, aspen 25%, remainder ash, birch. Habita
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	cut under FTP W73-231 in December of 1984.
Quaking Aspen	20	Pole/Sapling	5	37	Decidu	ous Shrubs	Full	5 - 10 feet	Tall Shrub	
Northern Pin Oak	30	Pole/Sapling	5	37						
Red Maple	30	Pole/Sapling	5	37						
Paper Birch	10	Pole/Sapling	5	37						
Swamp White Oak	10	Pole/Sapling	5	37						
										possible attempt at planting. Mix of tag alder, willow (short), grasses, autumn olive, dogwood, blueberry, and goldenrod. Some ash at SE en
<b>213</b> 4125 - B	lack, N. Pin C	Dak Saw		Mediu	ım 18.2	89	51-80	N/A		autumn olive, dogwood, blueberry, and goldenrod. Some ash at SE en Fair oak regen but heavy shrub competition (hazel, bracken, honeysuch
Canopy Species	% Cover	Dak Saw	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	autumn olive, dogwood, blueberry, and goldenrod. Some ash at SE en  Fair oak regen but heavy shrub competition (hazel, bracken, honeysuch and V). 1/4 of stand around E and S edge is E type with some ash.
Canopy Species Red Oak	% Cover	Size Class Log/XLog	<b>DBH</b>	<b>Age</b> 89	Sub-Car Black/Red	nopy Species d (Hybrid) Oak	<b>Density</b> Medium	Avg. Height >20 feet	Sapling	autumn olive, dogwood, blueberry, and goldenrod. Some ash at SE en  Fair oak regen but heavy shrub competition (hazel, bracken, honeysuch and V). 1/4 of stand around E and S edge is E type with some ash.
Canopy Species Red Oak Black/Red (Hybrid) O	% Cover 15 ak 55	Size Class Log/XLog Log	16 15	<b>Age</b> 89 89	Sub-Car Black/Red Red	nopy Species d (Hybrid) Oak d Maple	Density	Avg. Height >20 feet >20 feet	Sapling Sapling	autumn olive, dogwood, blueberry, and goldenrod. Some ash at SE en- Fair oak regen but heavy shrub competition (hazel, bracken, honeysuck and V). 1/4 of stand around E and S edge is E type with some ash. These areas were not heavily cut in 85. Sale #83-'01. Aspen removed
Canopy Species Red Oak Black/Red (Hybrid) O Swamp White Oak	5 % Cover 15 ak 55 10	Size Class Log/XLog Log Log/Pole/XLog	16 15 14	<b>Age</b> 89	Sub-Car Black/Red Red	nopy Species d (Hybrid) Oak	<b>Density</b> Medium	Avg. Height >20 feet	Sapling	autumn olive, dogwood, blueberry, and goldenrod. Some ash at SE en Fair oak regen but heavy shrub competition (hazel, bracken, honeysuch and V). 1/4 of stand around E and S edge is E type with some ash. These areas were not heavily cut in 85. Sale #83-'01. Aspen removed
Canopy Species Red Oak Black/Red (Hybrid) O Swamp White Oak Red Maple	% Cover 15 ak 55 10 15	Size Class Log/XLog Log Log Log/Pole/XLog Log/Pole	16 15 14 10	<b>Age</b> 89 89	Sub-Car Black/Red Red	nopy Species d (Hybrid) Oak d Maple	Density  Medium  Medium	Avg. Height >20 feet >20 feet	Sapling Sapling	autumn olive, dogwood, blueberry, and goldenrod. Some ash at SE energy of the second s
Canopy Species Red Oak Black/Red (Hybrid) O Swamp White Oak	5 % Cover 15 ak 55 10	Size Class Log/XLog Log Log/Pole/XLog	16 15 14	<b>Age</b> 89 89	Sub-Car Black/Red Red	nopy Species d (Hybrid) Oak d Maple	Density  Medium  Medium	Avg. Height >20 feet >20 feet	Sapling Sapling	autumn olive, dogwood, blueberry, and goldenrod. Some ash at SE en Fair oak regen but heavy shrub competition (hazel, bracken, honeysuch and V). 1/4 of stand around E and S edge is E type with some ash. These areas were not heavily cut in 85. Sale #83-'01. Aspen removed
Canopy Species  Red Oak  Black/Red (Hybrid) O  Swamp White Oak  Red Maple  White Oak	5 % Cover 15 ak 55 10 15 5 5	Size Class Log/XLog Log Log/Pole/XLog Log/Pole Log/XLog Dak Saw	16 15 14 10 16	<b>Age</b> 89 89	Sub-Car Black/Rec Rec Bigtod	nopy Species d (Hybrid) Oak d Maple	Density  Medium  Medium	Avg. Height >20 feet >20 feet	Sapling Sapling	autumn olive, dogwood, blueberry, and goldenrod. Some ash at SE en- Fair oak regen but heavy shrub competition (hazel, bracken, honeysuck and V). 1/4 of stand around E and S edge is E type with some ash. These areas were not heavily cut in 85. Sale #83-'01. Aspen removed 1985, sale #73-83-1.  Oak ridge. Overstory beginning to die off. Some oak reproduction. Poo
Canopy Species Red Oak Black/Red (Hybrid) O Swamp White Oak Red Maple White Oak  214 4125 - B Canopy Species	6 % Cover 15 ak 55 10 15 5 15 5 16 6 % Cover	Log/XLog Log/Pole/XLog Log/Pole Log/XLog Log/XLog Saw Size Class	DBH  16  15  14  10  16  timber	89 89 89 Mediu	Sub-Car Black/Rec Rec Bigtod Im 23.2 Sub-Car	hopy Species d (Hybrid) Oak d Maple both Aspen  94  hopy Species	Density Medium Medium Low  1-50 Density	Avg. Height >20 feet >20 feet >20 feet N/A Avg. Height	Sapling Sapling Sapling	autumn olive, dogwood, blueberry, and goldenrod. Some ash at SE en Fair oak regen but heavy shrub competition (hazel, bracken, honeysuch and V). 1/4 of stand around E and S edge is E type with some ash. These areas were not heavily cut in 85. Sale #83-'01. Aspen removed 1985, sale #73-83-1.  Oak ridge. Overstory beginning to die off. Some oak reproduction. Pool access. New temporary road building required. Two drainage ditch crossings required. No DEGLE permit required. Heavy highbush
Canopy Species Red Oak Black/Red (Hybrid) O Swamp White Oak Red Maple White Oak 4125 - B	5 % Cover 15 ak 55 10 15 5 5	Log/XLog Log/Pole/XLog Log/Pole Log/XLog Log/XLog  Size Class Log/XLog	DBH 16 15 14 10 16 timber DBH	89 89 89 Mediu	Sub-Car Black/Rec Rec Bigtod  m 23.2  Sub-Car Northe	nopy Species d (Hybrid) Oak d Maple both Aspen  94  nopy Species ern Pin Oak	Density  Medium  Medium  Low	Avg. Height >20 feet >20 feet >20 feet N/A Avg. Height 10 - 20 feet	Sapling Sapling Sapling Sapling Size Sapling	autumn olive, dogwood, blueberry, and goldenrod. Some ash at SE en Fair oak regen but heavy shrub competition (hazel, bracken, honeysucl and V). 1/4 of stand around E and S edge is E type with some ash. These areas were not heavily cut in 85. Sale #83-'01. Aspen removed 1985, sale #73-83-1.  Oak ridge. Overstory beginning to die off. Some oak reproduction. Pod access. New temporary road building required. Two drainage ditch crossings required. No DEGLE permit required. Heavy highbush blueberry cover is prohibiting oak regeneration in places. Would not
Canopy Species Red Oak Black/Red (Hybrid) O Swamp White Oak Red Maple White Oak  214 4125 - B Canopy Species	6 % Cover 15 ak 55 10 15 5 15 5 16 6 % Cover	Log/XLog Log/Pole/XLog Log/Pole Log/XLog Log/XLog Saw Size Class	DBH  16  15  14  10  16  timber	89 89 89 89 Mediu <b>Age</b> 94	Sub-Car Black/Rec Rec Bigtod  m 23.2  Sub-Car Northe	hopy Species d (Hybrid) Oak d Maple both Aspen  94  hopy Species	Density Medium Medium Low  1-50 Density	Avg. Height >20 feet >20 feet >20 feet N/A Avg. Height	Sapling Sapling Sapling Size Sapling Sapling	autumn olive, dogwood, blueberry, and goldenrod. Some ash at SE en Fair oak regen but heavy shrub competition (hazel, bracken, honeysuch and V). 1/4 of stand around E and S edge is E type with some ash. These areas were not heavily cut in 85. Sale #83-'01. Aspen removed 1985, sale #73-83-1.  Oak ridge. Overstory beginning to die off. Some oak reproduction. Pool access. New temporary road building required. Two drainage ditch crossings required. No DEGLE permit required. Heavy highbush blueberry cover is prohibiting oak regeneration in places. Would not recommend planting due to access.
Canopy Species Red Oak Black/Red (Hybrid) O Swamp White Oak Red Maple White Oak  214 4125 - B Canopy Species Northern Pin Oak White Oak Red Oak	6 % Cover 15 ak 55 10 15 5 15 5 16 65 65 65 65 65 65 65 65 65 65 65 65 65	Log/XLog Log/Pole/XLog Log/Pole Log/XLog Log/XLog  Size Class Log/XLog	DBH 16 15 14 10 16 timber DBH 16 14 16	89 89 89 89 Mediu <b>Age</b> 94 94	Sub-Car Black/Rec Bigtor  m 23.2  Sub-Car Northe Wh	nopy Species d (Hybrid) Oak d Maple oth Aspen  94  nopy Species rm Pin Oak hite Oak ch Hazel	Density  Medium  Medium  Low  1-50  Density  Medium  Low  High	Avg. Height >20 feet >20 feet >20 feet  N/A  Avg. Height 10 - 20 feet 10 - 20 feet 5 - 10 feet	Sapling Sapling Sapling Size Sapling Sapling Tall Shrub	autumn olive, dogwood, blueberry, and goldenrod. Some ash at SE en Fair oak regen but heavy shrub competition (hazel, bracken, honeysuch and V). 1/4 of stand around E and S edge is E type with some ash. These areas were not heavily cut in 85. Sale #83-'01. Aspen removed 1985, sale #73-83-1.  Oak ridge. Overstory beginning to die off. Some oak reproduction. Pool access. New temporary road building required. Two drainage ditch crossings required. No DEGLE permit required. Heavy highbush blueberry cover is prohibiting oak regeneration in places. Would not recommend planting due to access.
Canopy Species Red Oak Black/Red (Hybrid) O Swamp White Oak Red Maple White Oak  214 4125 - B Canopy Species Northern Pin Oak White Oak Red Oak Red Oak Red Maple	15 ak 55 10 15 ak 55 10 15 5 10 10 15 5 10 10 10 10 10 10 10 10 10 10 10 10 10	Log/XLog Log/Pole/XLog Log/Pole Log/XLog Log/XLog Log/XLog  Dak Saw Size Class Log/XLog Log/Pole/XLog	DBH 16 15 14 10 16 timber DBH 16 14 16 12	89 89 89 89 Mediu <b>Age</b> 94 94	Sub-Car Black/Rec Bigtor  m 23.2  Sub-Car Northe Wh	hopy Species Id (Hybrid) Oak Id Maple Oth Aspen  94  hopy Species Irm Pin Oak Lite Oak	Density  Medium  Medium  Low  1-50  Density  Medium  Low  High	Avg. Height >20 feet >20 feet >20 feet  N/A  Avg. Height 10 - 20 feet 10 - 20 feet	Sapling Sapling Sapling Size Sapling Sapling	autumn olive, dogwood, blueberry, and goldenrod. Some ash at SE en Fair oak regen but heavy shrub competition (hazel, bracken, honeysuch and V). 1/4 of stand around E and S edge is E type with some ash. These areas were not heavily cut in 85. Sale #83-'01. Aspen removed 1985, sale #73-83-1.  Oak ridge. Overstory beginning to die off. Some oak reproduction. Pool access. New temporary road building required. Two drainage ditch crossings required. No DEGLE permit required. Heavy highbush blueberry cover is prohibiting oak regeneration in places. Would not recommend planting due to access.
Canopy Species Red Oak Black/Red (Hybrid) O Swamp White Oak Red Maple White Oak  214 4125 - B Canopy Species Northern Pin Oak White Oak Red Oak	8 % Cover 15 ak 55 10 15 5 10 15 5 8 Cover 65 10 5	Log/XLog Log/Pole/XLog Log/Pole Log/XLog Log/XLog  Dak Saw Size Class Log/XLog Log/Pole/XLog Log/Pole/XLog	DBH 16 15 14 10 16 timber DBH 16 14 16	89 89 89 89 Mediu <b>Age</b> 94 94	Sub-Car Black/Rec Bigtor  m 23.2  Sub-Car Northe Wh	nopy Species d (Hybrid) Oak d Maple oth Aspen  94  nopy Species rm Pin Oak hite Oak ch Hazel	Density  Medium  Medium  Low  1-50  Density  Medium  Low  High	Avg. Height >20 feet >20 feet >20 feet  N/A  Avg. Height 10 - 20 feet 10 - 20 feet 5 - 10 feet	Sapling Sapling Sapling Size Sapling Sapling Tall Shrub	autumn olive, dogwood, blueberry, and goldenrod. Some ash at SE end Fair oak regen but heavy shrub competition (hazel, bracken, honeysuck and V). 1/4 of stand around E and S edge is E type with some ash. These areas were not heavily cut in 85. Sale #83-'01. Aspen removed 1985, sale #73-83-1.  Oak ridge. Overstory beginning to die off. Some oak reproduction. Poo access. New temporary road building required. Two drainage ditch crossings required. No DEGLE permit required. Heavy highbush blueberry cover is prohibiting oak regeneration in places. Would not recommend planting due to access.

**POLEYN** 



Stand	Level 4 C	Si	Size Density			Acres Stand Age BA Range			Site	General Comments	
216	6119 - Mixed Lowland Deciduous Forest		iduous Pole	ous Poletimber Medium		n 8.5	8.5 56		N/A		Formerly coded as aspen. Wet. Red maple and swamp w oak.
С	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
Swa	amp White Oak	30	Log/Pole/XLog	10		Decidu	ous Shrubs	High	5 - 10 feet	Tall Shrub	
	Red Maple	50	Pole/Sapling	6	56						
	Paper Birch	10	Pole/Sapling	5	56						
Q	uaking Aspen	10	Pole	8	56						
217 4125 - Black, N. Pin Oak Sawtimber Poor					39.4 94		1-50	N/A		Moderately dense witch hazel under trees. Patchy oak saplings in the	
С	Canopy Species	% Cover	Size Class	s DBH Age		Sub-Car	nopy Species	Density	Avg. Height Size		understory. Scattered small lowland areas. Very little aspen in stand.
No	orthern Pin Oak	45	Log/Pole/XLog	14	94	Northe	rn Pin Oak	Medium	10 - 20 feet	Sapling	
	White Oak	15	Log	12	94	Wh	ite Oak	Low	10 - 20 feet	Sapling	
	Red Maple	15	Pole/Log	9	56	Wito	ch Hazel	High	5 - 10 feet	Tall Shrub	
Bi	ligtooth Aspen	5	Pole	8	56	Red	d Maple	Low	10 - 20 feet	Sapling	
	Paper Birch	5	Pole	7	56						
		0	1 010	'	50						
	ramp White Oak	10	Log/Pole/XLog	12	36						
Swa	·				56						
Swa Q <b>218</b>	amp White Oak Quaking Aspen 4199 - Other Mixe	10 5 d Upland D	Log/Pole/XLog Pole  Peciduous Pole	12 8	56 er Well	44.4		51-80	N/A	C:=-a	Moderate density of pole aspen/maple/oak mixed with log sized oak/maple. Some swamp white oak in stand. Access is difficult. Long
218 C	amp White Oak Quaking Aspen 4199 - Other Mixe Canopy Species	10 5 d Upland D	Log/Pole/XLog Pole  Deciduous Pol Size Class	12 8 letimb	56 er Well	Sub-Car	nopy Species	Density	Avg. Height	Size	Moderate density of pole aspen/maple/oak mixed with log sized oak/maple. Some swamp white oak in stand. Access is difficult. Long ridge at west end of stand is continuous upland.
218 C No	amp White Oak Quaking Aspen 4199 - Other Mixe Canopy Species orthern Pin Oak	10 5 d Upland E % Cover	Log/Pole/XLog Pole  Deciduous Pol  Size Class Log/Pole/XLog	12 8 letimb <b>DBH</b>	56 er Well	Sub-Car Northe	nopy Species ern Pin Oak	<b>Density</b> Low	Avg. Height >20 feet	Sapling	oak/maple. Some swamp white oak in stand. Access is difficult. Long ridge at west end of stand is continuous upland.
218 C No	amp White Oak Quaking Aspen  4199 - Other Mixe  Canopy Species Orthern Pin Oak  Red Maple	10 5 d Upland C % Cover 40 20	Pole Pole/XLog Pole Deciduous Pol Size Class Log/Pole/XLog Pole/Log/Sap	12 8 letimb <b>DBH</b> 10 8	56 er Well	Sub-Car Northe	nopy Species rn Pin Oak ch Hazel	Low Medium	Avg. Height >20 feet 5 - 10 feet	Sapling Tall Shrub	oak/maple. Some swamp white oak in stand. Access is difficult. Long ridge at west end of stand is continuous upland.
218 C No	amp White Oak Quaking Aspen 4199 - Other Mixe Canopy Species orthern Pin Oak Red Maple White Oak	10 5 d Upland D % Cover 40 20 5	Pole Pole/XLog Pole  Deciduous Pol  Size Class Log/Pole/XLog Pole/Log/Sap Log/XLog	12 8 letimb DBH 10 8 14	56 er Well	Sub-Car Northe	nopy Species ern Pin Oak	<b>Density</b> Low	Avg. Height >20 feet	Sapling	oak/maple. Some swamp white oak in stand. Access is difficult. Long ridge at west end of stand is continuous upland.
Swa Q <b>218</b> C No	amp White Oak Quaking Aspen 4199 - Other Mixe Canopy Species orthern Pin Oak Red Maple White Oak Paper Birch	10 5 d Upland C % Cover 40 20	Pole/Size Class Log/Pole/XLog Pole/Log/Sap Log/XLog Pole/Sapling	12 8 DBH 10 8 14 7	56 er Well Age 84 56	Sub-Car Northe	nopy Species rn Pin Oak ch Hazel	Low Medium	Avg. Height >20 feet 5 - 10 feet	Sapling Tall Shrub	oak/maple. Some swamp white oak in stand. Access is difficult. Long ridge at west end of stand is continuous upland.
Swa Q <b>218</b> C No	amp White Oak Quaking Aspen 4199 - Other Mixe Canopy Species orthern Pin Oak Red Maple White Oak	10 5 d Upland D % Cover 40 20 5 5 30	Pole/Log/Pole/XLog Pole  Deciduous Pol  Size Class Log/Pole/XLog Pole/Log/Sap Log/XLog Pole/Sapling Pole/Log	12 8 letimb DBH 10 8 14	56 er Well Age 84 56	Sub-Car Northe	nopy Species rn Pin Oak ch Hazel	Low Medium	Avg. Height >20 feet 5 - 10 feet	Sapling Tall Shrub	oak/maple. Some swamp white oak in stand. Access is difficult. Long ridge at west end of stand is continuous upland.
218 C No	amp White Oak Quaking Aspen  4199 - Other Mixe Canopy Species orthern Pin Oak Red Maple White Oak Paper Birch iigtooth Aspen	10 5 d Upland D W Cover 40 20 5 5 30 mergent W	Log/Pole/XLog Pole  Deciduous Pole  Size Class  Log/Pole/XLog Pole/Log/Sap  Log/XLog Pole/Sapling Pole/Log  Pole/Log	12 8 letimb DBH 10 8 14 7 9	56 er Well Age 84 56	Sub-Car Northe Wito	nopy Species arn Pin Oak ch Hazel d Maple	Low Medium	Avg. Height >20 feet 5 - 10 feet >20 feet	Sapling Tall Shrub	oak/maple. Some swamp white oak in stand. Access is difficult. Long ridge at west end of stand is continuous upland.
Swa Q: 218 C No Bi 219	amp White Oak Quaking Aspen  4199 - Other Mixe Canopy Species orthern Pin Oak Red Maple White Oak Paper Birch digtooth Aspen  6239 - Mixed E	10 5 d Upland D W Cover 40 20 5 5 30 mergent W	Log/Pole/XLog Pole  Pole  Deciduous Pol  Size Class  Log/Pole/XLog Pole/Log/Sap  Log/XLog Pole/Sapling Pole/Log  /etland  Dak Sa	DBH 10 8 14 7 9	56 er Well Age 84 56 56	Sub-Car Northe Witte Rec 31.9	nopy Species arn Pin Oak ch Hazel d Maple	Density Low Medium Medium	Avg. Height >20 feet 5 - 10 feet >20 feet No	Sapling Tall Shrub Sapling	oak/maple. Some swamp white oak in stand. Access is difficult. Long ridge at west end of stand is continuous upland.
Swa Q:  218 C No Bi 219 C220 C	amp White Oak Quaking Aspen  4199 - Other Mixe Canopy Species orthern Pin Oak Red Maple White Oak Paper Birch digtooth Aspen  6239 - Mixed E	10 5 5 d Upland E 20 5 5 30 cmergent W	Log/Pole/XLog Pole  Pole  Deciduous Pol  Size Class  Log/Pole/XLog Pole/Log/Sap  Log/XLog Pole/Sapling Pole/Log  /etland  Dak Sa	DBH 10 8 14 7 9	ser Well Age 84 56 56 cked er Well Age	Sub-Car Northe Witc Rec 31.9 9.0 Sub-Car	nopy Species In Pin Oak Ich Hazel Id Maple	Density Low Medium Medium  51-80	Avg. Height >20 feet 5 - 10 feet >20 feet No	Sapling Tall Shrub Sapling Size Sapling	oak/maple. Some swamp white oak in stand. Access is difficult. Long ridge at west end of stand is continuous upland.
Swa Q: 218 C No Bi 219 C C	amp White Oak Quaking Aspen  4199 - Other Mixe Canopy Species Orthern Pin Oak Red Maple White Oak Paper Birch Ligtooth Aspen  6239 - Mixed E  4125 - Blac Canopy Species	10 5 d Upland D W Cover 40 20 5 30 mergent W Cover 5 20	Log/Pole/XLog Pole  Pole  Deciduous Pole  Size Class  Log/Pole/XLog Pole/Log/Sap Log/XLog Pole/Sapling Pole/Log  /etland  Dak Sa  Size Class	12 8 DBH 10 8 14 7 9	56 er Well Age 84 56  56  cked er Well Age 84	Sub-Car Northe Witte Rec 31.9 9.0 Sub-Car	nopy Species In Pin Oak Ich Hazel Id Maple  84  nopy Species	Density Low Medium Medium Medium  51-80 Density	Avg. Height >20 feet 5 - 10 feet >20 feet No N/A Avg. Height	Sapling Tall Shrub Sapling	oak/maple. Some swamp white oak in stand. Access is difficult. Long ridge at west end of stand is continuous upland.
Swa Q:  218 C No Bi  219 C C	amp White Oak Quaking Aspen  4199 - Other Mixe Canopy Species Orthern Pin Oak Red Maple White Oak Paper Birch Gigtooth Aspen  6239 - Mixed E  4125 - Blac Canopy Species White Oak	d Upland D Cover 40 20 5 30 mergent W ck, N. Pin C Cover	Pole/Log/Pole/XLog Pole  Deciduous Pole  Size Class Log/Pole/XLog Pole/Log/Sap Log/XLog Pole/Sapling Pole/Log  /etland Dak Sak Size Class XLog/Log	12   8	ser Well Age 84 56 56 cked er Well Age	Sub-Car Northe Witte Rec 31.9 9.0 Sub-Car	nopy Species In Pin Oak Ich Hazel Id Maple  84  nopy Species Id Maple	Density Low Medium Medium  51-80 Density Low	Avg. Height >20 feet 5 - 10 feet >20 feet  No  N/A  Avg. Height >20 feet	Sapling Tall Shrub Sapling Size Sapling	oak/maple. Some swamp white oak in stand. Access is difficult. Long ridge at west end of stand is continuous upland.
Swa Q:  218 C No Bi  219 C No	amp White Oak Quaking Aspen  4199 - Other Mixe Canopy Species Orthern Pin Oak Red Maple White Oak Paper Birch Gigtooth Aspen  6239 - Mixed E  4125 - Blace Canopy Species White Oak Red Maple	10 5 d Upland D W Cover 40 20 5 30 mergent W Cover 5 20	Log/Pole/XLog Pole  Pole  Deciduous Pole  Size Class  Log/Pole/XLog Pole/Log/Sap  Log/XLog Pole/Sapling Pole/Log  /etland  Dak Size Class  XLog/Log Log/Pole	12   8	56 er Well Age 84 56  56  cked er Well Age 84	Sub-Car Northe Witte Rec 31.9 9.0 Sub-Car	nopy Species In Pin Oak Ich Hazel Id Maple  84  nopy Species Id Maple	Density Low Medium Medium  51-80 Density Low	Avg. Height >20 feet 5 - 10 feet >20 feet  No  N/A  Avg. Height >20 feet	Sapling Tall Shrub Sapling Size Sapling	oak/maple. Some swamp white oak in stand. Access is difficult. Long ridge at west end of stand is continuous upland.

Report 7 - Stands

Compartment: 106 Year of Entry: 2023

Stand **Level 4 Cover Type** Size Density Managed Site **General Comments** Acres Stand Age BA Range 6119 - Mixed Lowland Deciduous 84 N/A Sawtimber Well 11.5 81-110 Inoperable and very wet with swamp grass ground cover at south end. 221 Forest Size Class Size **Canopy Species** % Cover **DBH Age Sub-Canopy Species** Density Avg. Height Swamp White Oak 10 Log/Pole/XLog 12 Red Maple Medium >20 feet Sapling 10 12 White Oak Log/Pole/XLog Red Maple 58 Log/Pole 10 84 12 Northern Pin Oak 20 Loa/Pole/XLoa 84 2 8 Paper Birch Pole/Loa 6225 - Boa Nonstocked 11.3 No OPIC - FMD: 27% cattail marsh. 222 4125 - Black, N. Pin Oak Sawtimber Medium 46.4 94 1-50 N/A Very little aspen. Red maple seeding in. Heavy highbush blueberry. 223 Oak seedigs but not heavy regen. 80% upland scattered small L **DBH Age** Size **Canopy Species** % Cover Size Class **Sub-Canopy Species** Density Avg. Height pockets. Regeneration will be an issue. Northern Pin Oak 58 Log/XLog/Pole 14 94 Smooth Highbush Blueberry High 5 - 10 feet Tall Shrub 10 94 White Oak Loa/XLoa/Pole 14 Northern Pin Oak Low 10 - 20 feet Sapling 10 65 Red Maple Log/Pole 10 White Oak Low 10 - 20 feet Sapling Bigtooth Aspen 10 Log/Pole 10 65 Red Maple Low 10 - 20 feet Sapling Quaking Aspen 10 Log/Pole 10 65 2 8 Paper Birch Pole/Log 6220 - Alder/willow 6.5 224 Nonstocked **Immature** No V at NE end, about 25-30% of stand. 6113 - Lowland Maple Poletimber Poor 23.5 61 1-50 N/A Ground cov tag alder, winterberry, blueberry, about 15% V type. Sparse 225 stand. Bog type ground cover (blueberry, leatherleaf, lowland brush.) Non-**Canopy Species** % Cover Size Class **DBH Age Sub-Canopy Species** Size Density Avg. Height merchantable aspen. Red Maple 65 Pole/Sap/Log 8 61 Deciduous Shrubs Full 5 - 10 feet Tall Shrub Northern Pin Oak 20 Pole/Sap/Log 8 61 15 6 Paper Birch Pole/Sapling 77 N/A 226 4131 - Aspen, Oak Sawtimber Poor 6.1 51-80 **Canopy Species** % Cover Size Class **DBH Age Sub-Canopy Species** Density Avg. Height Size Log/Pole 10 Northern Pin Oak Bigtooth Aspen 65 77 Low 10 - 20 feet Sapling Northern Pin Oak 25 Log 14 White Oak Low 10 - 20 feet Sapling 10 8 Red Maple Pole 227 6229 - Mixed lowland shrub Nonstocked 7.7 No Mixed lowland brush and marsh. Patches of maple and ash.



Stand	Level 4 Co	ver Type Si		Size Density		Acres	Stand Age BA Range		Managed Site		General Comments
228	6113 - Lowland Maple		e Pol	Poletimber Poor		9.4	84	1-50	N/A		Very wet stand. E5/E7/E1/L. Cattail ground cover.
Cano	ppy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Red	d Maple	75	Pole/Sapling	6	84	Swamp	White Oak	Low	10 - 20 feet	Sapling	
Northe	rn Pin Oak	20	Pole/Log/Sap	9		Mich	igan Holly	Medium	5 - 10 feet	Tall Shrub	
Swamp	White Oak	5	Pole/Sapling	5	6	Re	d Maple	Low	10 - 20 feet	Sapling	
<b>229</b> 4131 - <i>i</i>		spen, Oak Po		Poletimber Poor		9.8	33 1-50	N/A		Harvested under contract 73-062-85-01, The Long Goodbye in 1987.  Clear-cut 4" and up.The stand is an upland ridge that is sparsely	
Cano	opy Species	% Cover	Size Class	DBH Age		Sub-Ca	nopy Species	Density	Avg. Height	Size	stocked. Stand is just over 25%.
Red Maple		5	Sapling	3	33	Black/Re	d (Hybrid) Oak	Low	5 - 10 feet	Sapling	,
Pap	er Birch	10	Sapling	2							
Bigtoo	oth Aspen	60	Pole/Sapling	6	33						
Black/Rec	d (Hybrid) Oak	25	Sapling/Pole	4	33						
<b>230</b> 419	99 - Other Mixe	d Upland D	eciduous Sa	wtimb	er Well	21.4	84	81-110	N/A		Upland aspen/oak/maple. Difficult access. Best option is through
Cano	opy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	private.
Northe	rn Pin Oak	38	Log/Pole	12	84	Re	d Maple	Medium	10 - 20 feet	Sapling	
Red	d Maple	28	Pole/Log	9		Northe	ern Pin Oak	Low	10 - 20 feet	Sapling	
Wh	nite Oak	2	Pole/Log	9		Wit	ch Hazel	Medium	5 - 10 feet	Tall Shrub	
Bigtod	oth Aspen	30	Pole/Log	9	49			'		-	
Pap	er Birch	2	Pole	8							
231	6112 - Lov	vland Aspe	n Saw	timbei	Medium	n 44.0	65	81-110	N/A		Patchwork of sparse oak uplands, dense swamp aspen, and lowland
Canopy Species		% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	brush pockets. Stand was sold under contract during the previous YOE but was never cut. Drain is shallow where it goes through this stand.
	ing Aspen	60	Log/Pole	12	65		ern Pin Oak	Medium	10 - 20 feet	Sapling	Access is very difficult. Most of the stand is too wet to cut.
	d Maple	10	Log/Pole	10		Re	d Maple	Medium	10 - 20 feet	Sapling	,
Northe	rn Pin Oak	20	Log/Pole	10	65	Dogw	ood (spp.)	Medium	5 - 10 feet	Tall Shrub	
Swamp	White Oak	5	Log/Pole/XLog	14			(11)			-	
· · · · · · · · · · · · · · · · · · ·	nite Oak	5	XLog/Log	18							
<b>232</b> 6	119 - Mixed Lo Fo	wland Dec	iduous Pole	timbe	r Mediun	n 15.0	56	1-50	N/A		Scattered maple, aspen, oak. Fairly heavy honeysuckle, winterberry, dogwood. Wet.
Cano	opy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Pap	er Birch	25	Pole/Sapling	6	56	Mich	igan Holly	High	5 - 10 feet	Tall Shrub	
Red	d Maple	35	Pole/Sapling	6	56						
Northe	rn Pin Oak	30	Pole/Sapling	7	56						



Stand	Level 4 Co	over Type	5	Size Density		Acres	Stand Age BA Range		Managed Site		General Comments		
233	4199 - Other Mixed Upland D		Deciduous Sa	Sapling Medium		n 6.8	31	1-50	N/A		2023 YOE Comments: Harvested in 1990 under contract 73-006-88-01,		
	Canopy Species	% Cover	Size Class	DBH Age		Sub-Ca	nopy Species	Density	Avg. Height	Size	Castor Road Grouse. All trees were cut 2".		
	Bigtooth Aspen	28	Pole	8	31	Black Cherry Low		10 - 20 feet	Sapling	OPIC - FMD: The stand overall is regenerating well as an A3. There is			
١	Northern Pin Oak	45	Sapling/Pole		31			Medium	5 - 10 feet	Tall Shrub	ridge in the NW corner of the stand that is an O2 and at the base of the		
	White Oak	5	Sapling/Pole		31	North	ern Pin Oak	Medium	10 - 20 feet	Sapling	ridge is stand 4 an L-Type. The soil under the stand is Pipestone Sand		
	Black Cherry	18	Sapling/Pole	4	31								
	Red Maple	4	Sapling/Pole	4	31								
<b>234</b> 6112 - Lo		vland Aspe	land Aspen Po		oletimber Poor		65	1-50	N/A		Sparse aspen stand with scattered large diameter oak and maple.  Understory is dense dogwood and other lowland shrub types.		
	Canopy Species	% Cover	% Cover Size Class		DBH Age		nopy Species	Density	Avg. Height Size				
	Quaking Aspen	55	Pole/Log	9	65	Dogv	vood (spp.)	Full	5 - 10 feet	Tall Shrub			
١	Northern Pin Oak	15	Pole/Log/XLog	9	65	North	ern Pin Oak	Medium	10 - 20 feet	Sapling			
	Red Maple	20 Log/Pole/XLog		g 10		Re	ed Maple	Low	10 - 20 feet	Sapling			
S	wamp White Oak	10	Log/Pole/XLog	10									
235	4125 - Blac	k, N. Pin C	N. Pin Oak Poletimber Well		17.1 65 111-140		111-140	N/A		Upland portion of former stand. Consists of upland along Nielsen rd and			
	Canopy Species	% Cover	Size Class	DBH	l Age		nopy Species	Density	Avg. Height	Size	would be difficult to cross.		
	Northern Pin Oak	55	Pole/Log/XLog	_	65		ck Cherry	Low	10 - 20 feet	Sapling			
	Quaking Aspen	15	Pole/Log	8	65		erry (Juneberry)	Low	10 - 20 feet	Sapling			
	White Oak	5	Log	15		Mich	igan Holly	Low	5 - 10 feet	Tall Shrub			
	Red Maple	15	Pole/Log	8									
	Bigtooth Aspen	10	Log/Pole	10	65								
236	622 - Low	land Shrul	b	Nonst	ocked	8.9			No		Short willow.		
237	4125 - Blac	k, N. Pin C	N. Pin Oak S		Sapling Poor		29 Ir	mmature	N/A		Aspen clearcut in 1993, sale #19-92-1. Very poor regeneration. Upland,		
	Canopy Species	% Cover	Size Class	DBH	l Age						getting wetter at N end. Canopy closure is around 25%. Hazel, cherry, bracken and oak, with some red map. Previously an A6 stand.		
١	Northern Pin Oak	75	Sapling	3	29						,		
	White Oak	15	Sapling	2	29								
	Red Maple	5	Sapling	2	29								
	Paper Birch												