

Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54161 Entry Year 2021 Acreage: 2,125

County Presque Isle

Management Area: Hammond Bay Lake Plain

Revision Date: 2019-04-01

Stand Examiner: Ryan Zimmerman

Legal Description:

Sections 19-21, 28-31, & 33, T36N-R3E

Identified Planning Goals:

Soil and topography:

Recently active sand & gravel pits are located on private land in sections 28 & 33, and there should be additional sand & gravel potential within the compartment. There is no known oil & gas potential in this area, and there is no current mineral lease activity. There is no known metallic mineral potential in this part of the state.

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

Recently active sand & gravel pits are located on private land in sections 28 & 33.

Unique Natural Features:

Some stands with pit and mound features.

Archeological, Historical, and Cultural Features:

Archaeological hits within this compartment.

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

Ocqueoc River runs through the western part and the compartment meets up with Ocqueoc Lake as well.

Wildlife Habitat Considerations:

The primary focus of wildlife habitat management will be to address the habitat requirements identified for the listed featured species found in this compartment. These species include ruffed grouse, black bear, and white-tailed deer. Based on the selected featured species, some of the most significant wildlife management issues in the management area are the maintenance of young forest, the retention of large, over-mature trees and snags and the maintenance and expansion of hard mast and mesic conifer components.

Mineral Resource and Development Concerns and/or Restrictions

Recently active sand & gravel pits are located on private land in sections 28 & 33, and there should be additional sand & gravel potential within the compartment. There is no known oil & gas potential in this area, and there is no current mineral lease activity. There is no known metallic mineral potential in this part of the state.

Vehicle Access:

Many roads and two tracks run through the compartment. The western part has less access due to drainage's/creeks.

Survey Needs:

Recreational Facilities and Opportunities:

There is a snowmobile trail that runs along the southern border of the compartment.

Fire Protection:

Easy access to the pine and oak areas of this compartment. The eastern part of the stand is where most of the pine and oak are located.

Additional Compartment Information:

The following reports from the Inventory are attached:

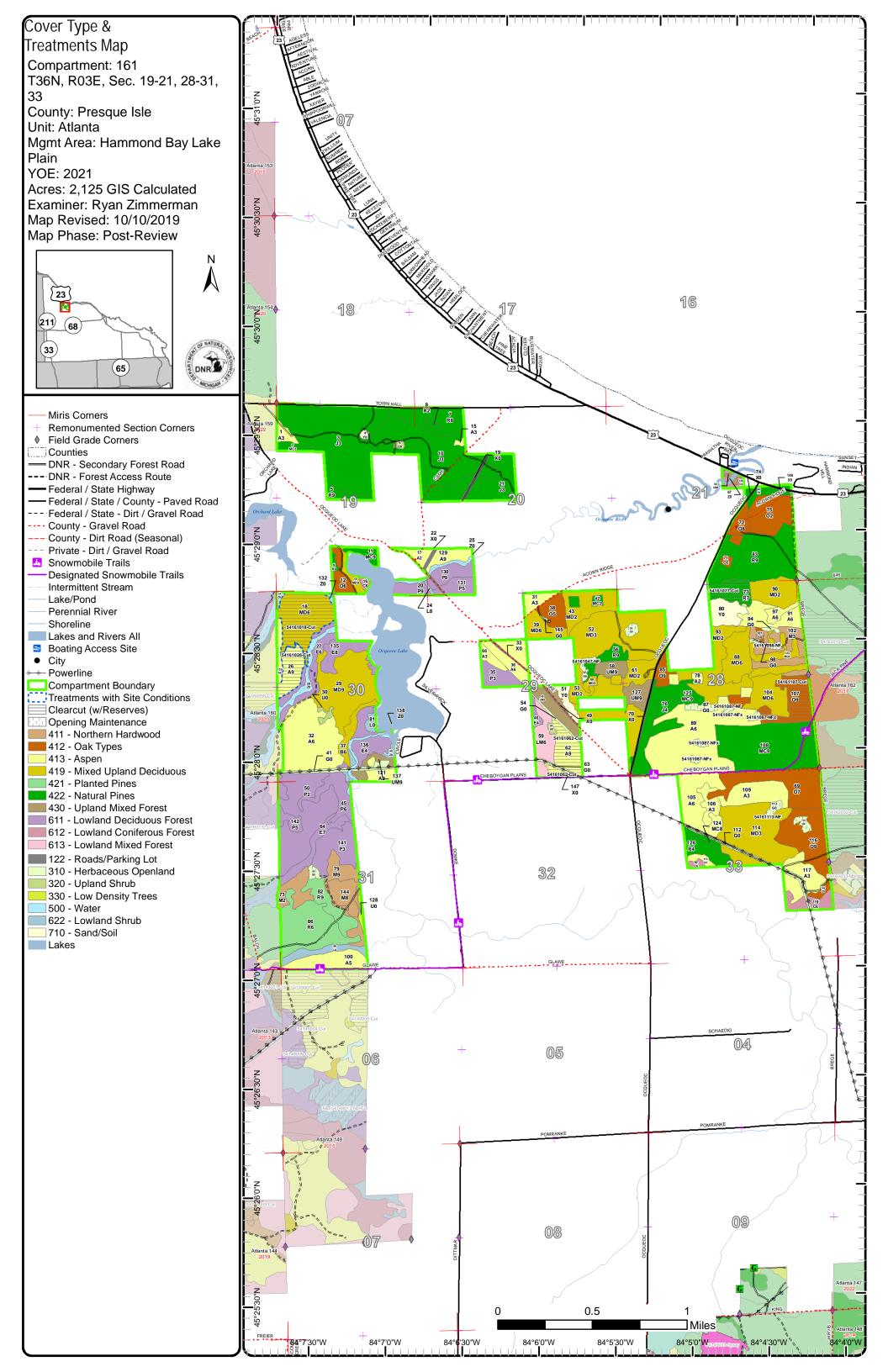
Total Acres by Cover Type and Age Class Cover Type by Harvest Method Proposed Treatments - No Limiting Factors Proposed Treatments – With Limiting Factors Stand Details (Forested and Nonforested) Dedicated and Proposed Special Conservation Areas Site Condition Details

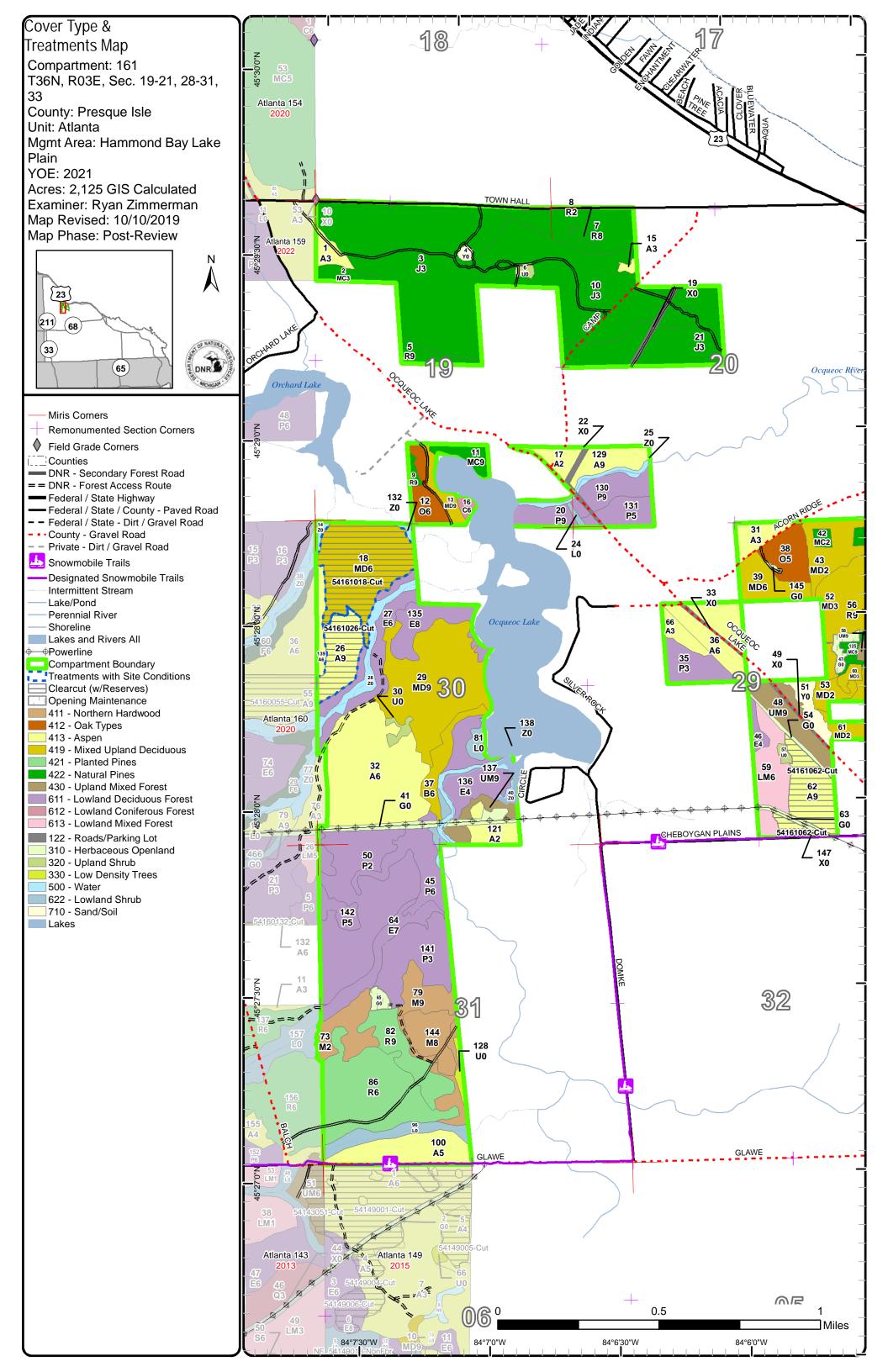
The following information is displayed, where pertinent, on the attached compartment maps:

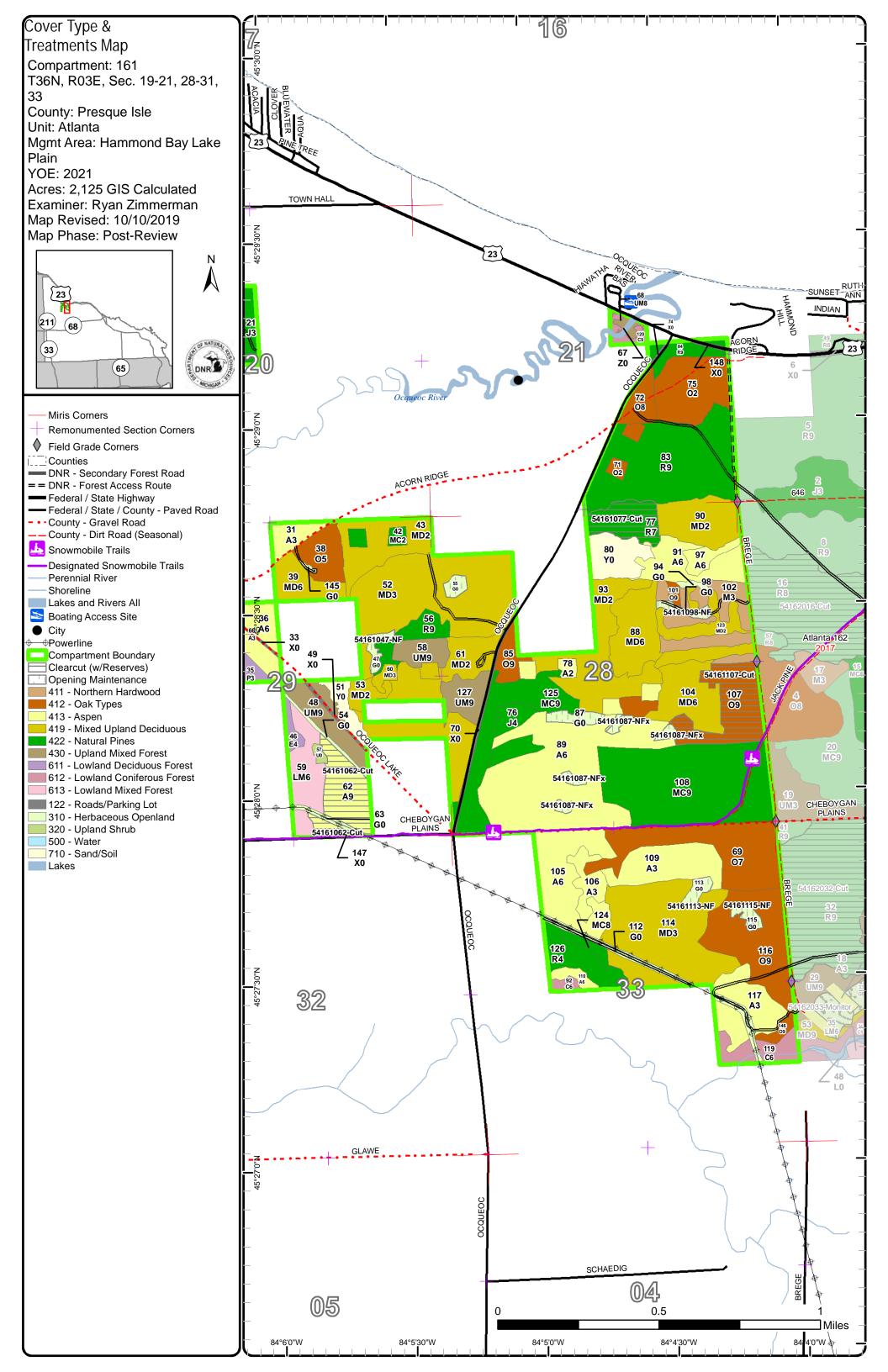
Base feature information, stand boundaries, cover types, and numbers **Proposed treatments**

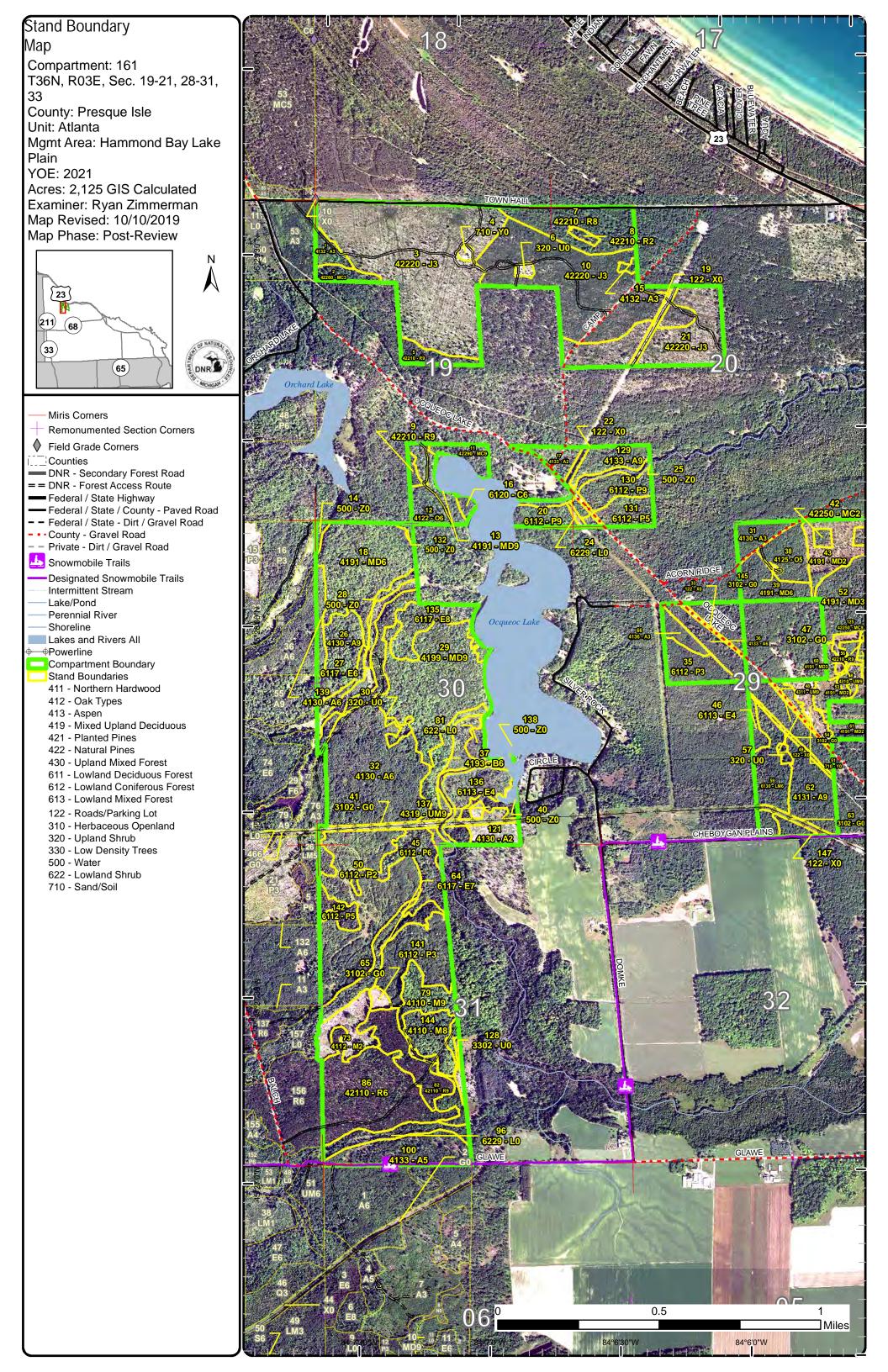
Site condition boundaries

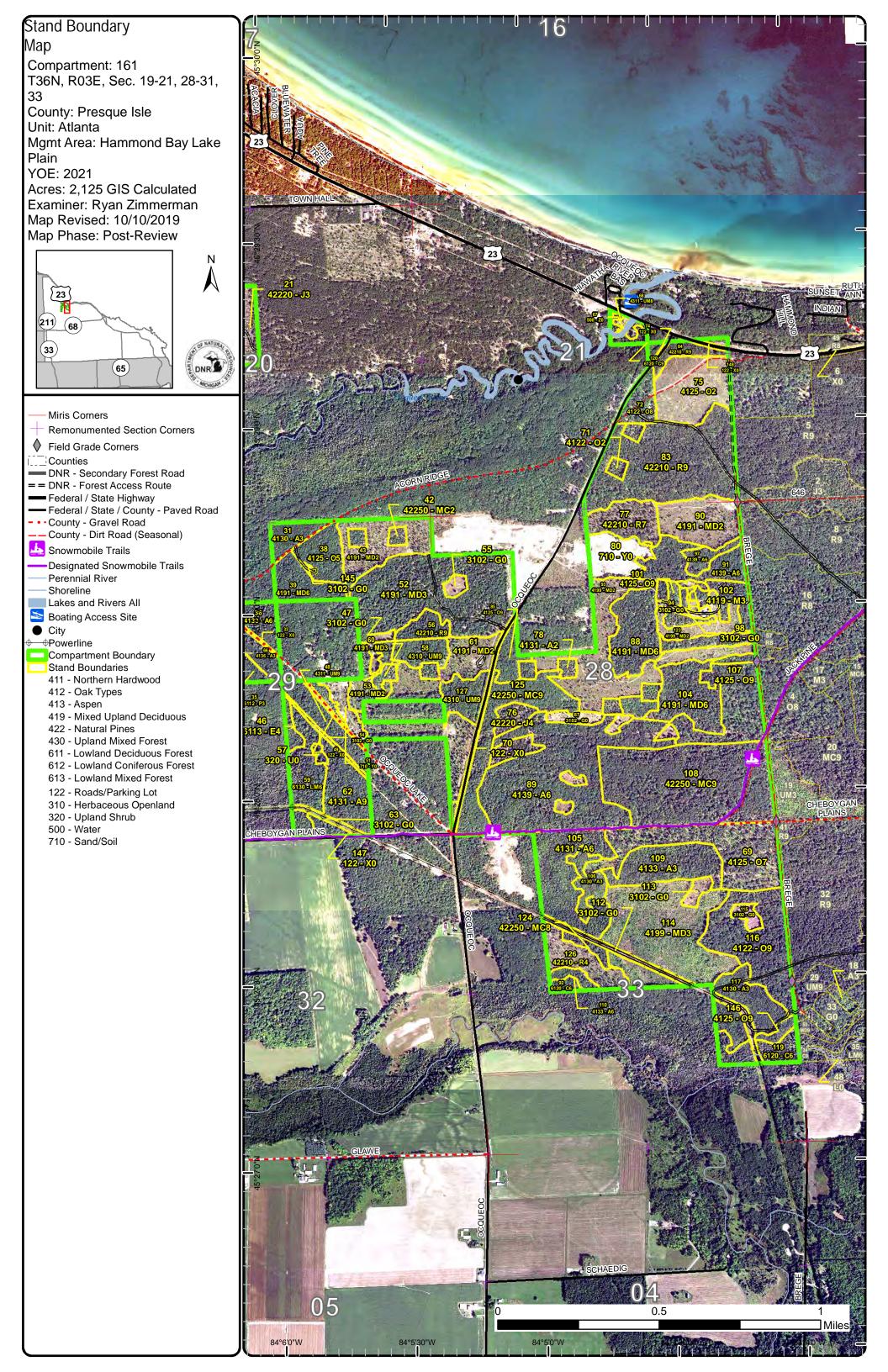
Details on the road access system

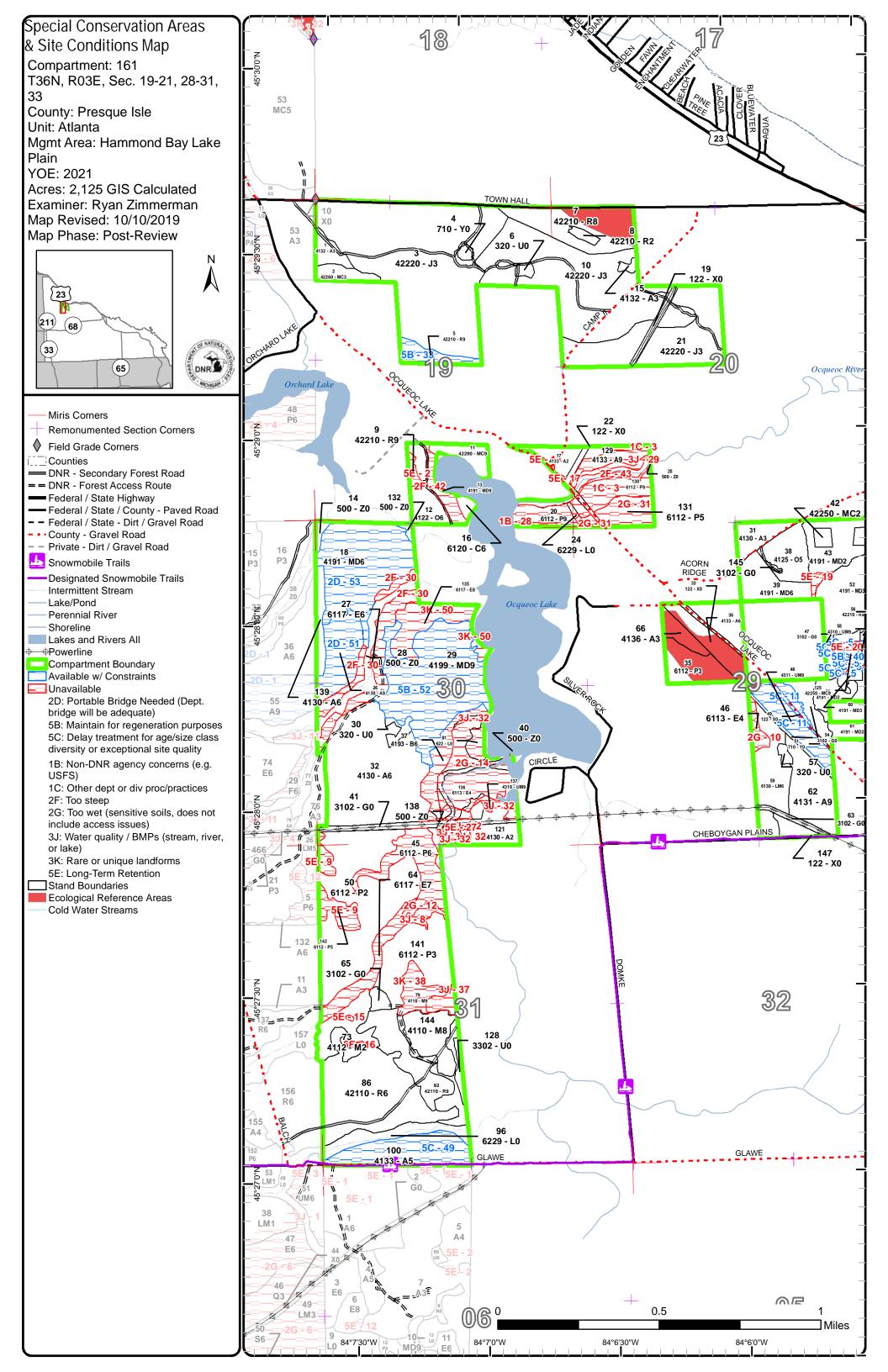


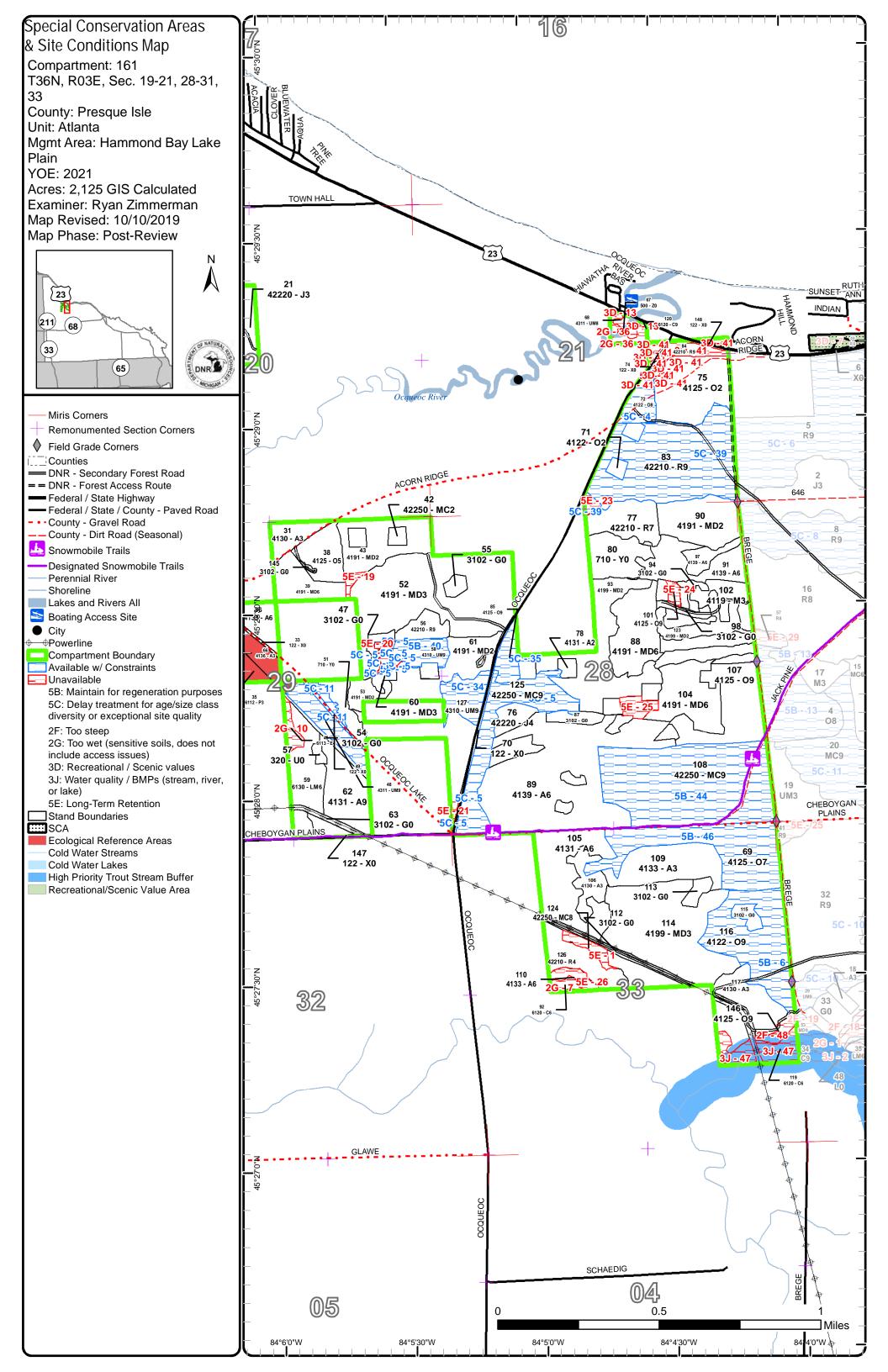












Report 1 – Total Acres by Cover Type and Age Class

Atlanta Mgt. Unit

Compartment 161 Year of Entry 2021

Ryan Zimmerman : Examiner



Age Class

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	/ 🕺		<u>/ ``</u>		/ "	<u>/ </u>	<u>/ </u>		<u>/ ``</u>			/ 🖔						/ 31	
Aspen	0	14	8	116	181	23	0	0	39	3	10	0	0	0	0	0	0	0	393
Cedar	0	0	0	0	0	0	0	0	0	2	0	13	3	0	0	0	0	0	18
Herbaceous Openland	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49
Jack Pine	0	0	151	75	10	0	0	0	0	0	0	0	0	0	0	0	0	0	236
Low-Density Trees	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Lowland Aspen/Balsam Poplar	0	0	87	12	0	0	0	9	40	8	0	0	0	0	0	0	0	0	156
Lowland Deciduous	0	0	0	0	0	0	0	23	50	0	0	0	0	0	0	0	0	0	73
Lowland Mixed Forest	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0	0	0	19
Lowland Shrub	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Mixed Upland Deciduous	0	202	4	67	57	0	0	0	0	107	0	0	0	0	0	0	0	5	442
Natural Mixed Pines	0	0	4	0	0	0	0	0	7	121	0	0	0	0	0	0	0	0	132
Northern Hardwood	0	14	0	0	24	0	0	0	0	33	0	0	0	0	0	0	0	0	71
Oak	0	27	4	0	13	10	0	0	0	131	0	0	0	0	0	0	0	0	184
Paper Birch	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	10
Red Pine	0	0	2	0	0	14	66	0	48	72	10	0	0	0	0	0	0	0	212
Sand, Soil	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Upland Mixed Forest	0	0	0	0	0	0	0	0	21	2	19	0	0	0	0	0	0	0	42
Upland Shrub	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Urban	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Water	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
Total	136	257	260	270	285	47	66	61	205	479	39	13	3	0	0	0	0	5	2124



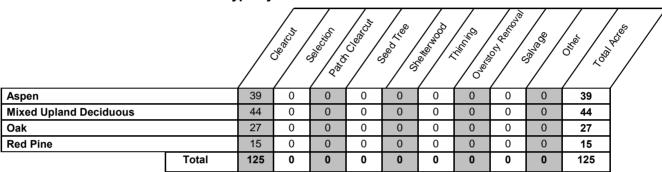
Report 2 – Treatment Summary

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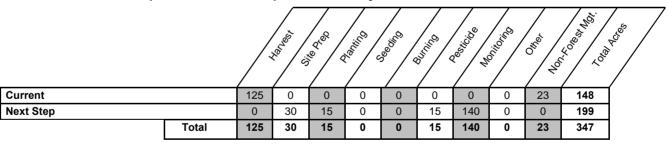
Compartment 161 Year of Entry: 2021 **Total Compartment Acres: 2,125 Acres of Harvest**

> Commercial Harvest - 64 Harvests with Site Condition - 61 Next Step Harvest - 0 Habitat Cut - 0

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method



Comment:

Proposed Start Date: 10/1 /2020

54161055-NF 2.4 3102 - Grass Nonstocked Unspec NonForestMgt Herbaceous/Crop 310 -Approved ified /Grass Planting Herbaceous Proposal Openland

Habitat Cut: No Site Condition:

Prescription Opening will be maintained on a rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices. Specs:

Next Step

Treatments:

<u>Acceptable</u>

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2020

Atlanta Mgt. Unit Report 3 -- Treatments Compartment: 161 s Year of Entry: 2021 t а **Treatment** Stand Size Stand BA **Treatment Treatment Cover Type** Acres Age **Approval** n Name CoverType Density Age Range Type Method Objective Structure **Status** d 21.8 4131 - Aspen, Oak Sawtimber 54161062-Cut Clearcut with 413 - Aspen Approved 62 79 111-Harvest Even-Aged Well 140 Retention Proposal **Habitat Cut: No Site Condition:** <u>Prescription</u> Clearcut with retention left in the southern part of the stand between powerline and road. Do not cut pine. Inlcude spec 5.2.4.4 grouse log. Specs: Add snowmobile trail protection specs. Next Step Monitoring, Natural Regen (Re-Inventory) **Treatments:** Acceptable Any mix of aspen, red maple, oak, or pine with medium to high stocking level. Regen: **Other** Comment: **Proposed Start Date:** 10/1 /2020 2.3 54161065-NF 3102 - Grass NonForestMgt 310 -Nonstocked Unspec Herbaceous/Crop Approved ified /Grass Planting Herbaceous Proposal Openland **Habitat Cut: No** Site Condition: Prescription Opening will be maintained on a rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices. Specs: Next Step **Treatments:** <u>Acceptable</u> Regen: Other Comment: Proposed Start Date: 10/1 /2020 54161077-Cut 14.8 42210 - Natural Sawtimber 1-50 Harvest Clearcut with 4211 - Planted Even-Aged Approved Red Pine Red Pine Proposal Poor Retention **Habitat Cut: No Site Condition:** Prescription Clearcut with retention to the northwest of stand. Retention pocket is already in place. Cut all trees 2 inch diameter and up. Specs: 6 inch stump height. Next Step SitePrep, Roller Chopping; Pesticide, Skidder - Site Prep; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Treatments: Monitoring, Artificial Regen(3yr)

Acceptable Planted red pine well stocked.

Regen:

Other Roller chopping and spraying included in Rx.

Comment:

Proposed Start Date: 10/1 /2020

310 -54161087-NF 4.2 3102 - Grass Nonstocked Unspec NonForestMat Herbaceous/Crop Approved ified /Grass Planting Herbaceous Proposal

Openland

Habitat Cut: No **Site Condition:**

Prescription Opening will be maintained on a rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices. Specs:

Next Step **Treatments:**

<u>Acceptable</u>

Regen:

Other Comment:

Proposed Start Date: 10/1 /2020

Atlanta Mgt. Unit Report 3 -- Treatments Compartment: 161 s Year of Entry: 2021 t а **Treatment** Stand Size Stand BA **Treatment Treatment Cover Type** Acres Age **Approval** n Name CoverType Density Age Range Type Method Objective Structure **Status** d Unspec NonForestMat Herbaceous/Crop 54161087-NFx Nonstocked 310 -87 5.3 3102 - Grass Approved ified /Grass Planting Herbaceous Proposal Openland **Habitat Cut: No Site Condition:** Prescription Opening will be maintained on a rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices. Specs: Next Step Treatments: <u>Acceptable</u> Regen: Other Comment: 10/1 /2020 **Proposed Start Date:** 2.5 Unspec NonForestMgt Herbaceous/Crop 310 -98 54161098-NF 3102 - Grass Nonstocked Approved ified /Grass Planting Herbaceous Proposal Openland **Habitat Cut: No Site Condition:** Prescription Opening will be maintained on a rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices. Specs: Next Step **Treatments:** Acceptable Regen: Other Comment: **Proposed Start Date:** 10/1 /2020 107 54161107-Cut 27.2 4125 - Black, N. Pin Sawtimber 4199 - Other 81 81-110 Harvest Clearcut with Even-Aged Approved Oak Well Retention Mixed Upland Proposal Deciduous **Habitat Cut: No Site Condition:** Prescription Clearcut with retention. 6 inch stump height. Roller chop if there is too much red maple aspen understory directly after harvest. 2 inch diameter and up harvest. Specs: Include snowmobile trail protection spec for hauling Next Step Monitoring, Natural Regen (Intermediate) Treatments: Acceptable Minimum of 30% oak regeneration with any mix of of aspen or red maple. Moderate to well stocked. Regen: If 30% oak regen is not achieved, roller chop, spray, trench and plant red pine. Other Comment: **Proposed Start Date:** 10/1 /2020 113 54161113-NF 3.0 3102 - Grass Nonstocked Unspec NonForestMgt Herbaceous/Crop 310 -Approved ified /Grass Planting Herbaceous Proposal Openland **Habitat Cut: No Site Condition:** Prescription Opening will be maintained on a rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices. Specs: Next Step

10/1 /2020

Acceptable
Regen:
Other
Comment:

Proposed Start Date:

Atlanta Mgt. Unit Report 3 -- Treatments Compartment: 161 s Year of Entry: 2021 t а **Cover Type Treatment** Acres Stand Size Stand BA **Treatment Treatment** Age **Approval** n Method Objective Density Structure Status d Name CoverType Age Range Type 3102 - Grass 54161115-NF 3.1 Unspec NonForestMgt Herbaceous/Crop 310 -115 Nonstocked Approved /Grass Planting Herbaceous Proposal ified Openland

Habitat Cut: No Site Condition:

<u>Prescription</u> Opening will be maintained on a rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices. <u>Specs:</u>

Next Step Treatments:

Acceptable Regen:

Other

Comment:

Proposed Start Date: 10/1 /2020

Total Treatment Acreage Proposed:

151.0

Compartment: 161

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Ryan Zimmerman : Examiner Year of Entry: 2021

Availa	ability for	Managemen	nt												
Total	Acres	Acres Avail	Acres	D	omina	nt Site	Con	ditions	s						
Acres	Available	With Condition	Not Available		2D	5B	5C	1B	1C	2F	2G	3D	3J	3K	5E
393	342	40	12	Aspen	17		22		6				2		4
19	2	0	17	Cedar							6		11		
49	49	0	0	Herbaceous Openland			0								0
236	236	0	0	Jack Pine											
2	2	0	0	Low-Density Trees											
156	99	0	57	Lowland Aspen/Balsam Poplar				1	18	1	28		1		9
72	0	0	72	Lowland Deciduous						20	22		15	15	
19	19	0	0	Lowland Mixed Forest							0				
17	12	0	5	Lowland Shrub					0		4		1		
444	335	101	7	Mixed Upland Deciduous	44	57	0			6					1
132	16	110	6	Natural Mixed Pines		80	30								6
71	60	0	11	Northern Hardwood		0							3	8	0
185	81	95	8	Oak		80	15			3					5
10	0	0	10	Paper Birch							0		10		
210	128	70	11	Red Pine		7	64					7		0	4
22	22	0	0	Sand, Soil											
42	0	34	9	Upland Mixed Forest		8	25				1	2	5		1
5	5	0	0	Upland Shrub											
16	15	0	0	Urban			0		0						0
25	21	0	5	Water					0		4		0		
2,125	1,444	450	231	Total Forested Acres	61	232	157	1	24	30	64	9	48	23	31
	68%	21%	11%	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.

ite Dominant Si No. Cond Availab		Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
Unavailab	ole 5E: Long-Term Retentio	n 3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						

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2	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Retention pocket fr	rom sale in stand 12.					
3	Unavailable	1C: Other dept or div proc/practices	24	1B: Non-DNR agency concerns (e.g. USFS)	Unspecified	Unspecified	Unspecified
	Comments: Cold water stream.	Access over private. hummick	y. BMF	near lake, river			
4	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	8	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Delay treatment un	itil stand 75 has grown more.					
5	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	30	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Wait to harvest unt	il adjacent stands have grown n	nore.				
6	Available	5B: Maintain for regeneration purposes	39	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

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8	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	14	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
9	Unavailable	5E: Long-Term Retention	9	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Retention pocket fr	rom sale in stand 50.					
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
11	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	15	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	17	2F: Too steep	Unspecified	Unspecified	Unspecified
	Comments:						
13	Unavailable	3D: Recreational / Scenic values	2	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
	Comments: High use area by fi	shermen and close to the river.					

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Unavailable	2G: Too wet (sensitive soils, does not include access issues)	28	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						
Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						
Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						
Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						
Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						
Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						
Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						
	Unavailable Comments: Unavailable Comments: Unavailable Comments: Unavailable Comments: Unavailable Comments: Unavailable Comments:	Soils, does not include access issues) Comments: Unavailable 5E: Long-Term Retention Comments: Unavailable 5E: Long-Term Retention	soils, does not include access issues) Comments: Unavailable 5E: Long-Term Retention 0 Comments: Unavailable 5E: Long-Term Retention 1 Comments: Unavailable 5E: Long-Term Retention 1 Comments:	soils, does not include access issues) Comments: Unavailable 5E: Long-Term Retention 0 Unspecified Comments: Unavailable 5E: Long-Term Retention 1 Unspecified Comments: Unavailable 5E: Long-Term Retention 1 Unspecified Comments: Unavailable 5E: Long-Term Retention 2 Unspecified	Soils, does not include access issues) Comments: Unavailable 5E: Long-Term Retention 0 Unspecified Unspecified Comments: Unavailable 5E: Long-Term Retention 1 Unspecified Unspecified Comments: Unavailable 5E: Long-Term Retention 1 Unspecified Unspecified Comments:	Solls, does not include access issues) Unavailable SE: Long-Term Retention 0 Unspecified

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21	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
22	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:			·	·	·	<u> </u>
23	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
24	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
25	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
26	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
27	Unavailable	5E: Long-Term Retention	1	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
C	Comments:	tand 44					

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28	Unavailable	1B: Non-DNR agency concerns (e.g. USFS)	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Access over private	e. hummicky. BMP near lake, r	iver				
29	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	2	2F: Too steep	Unspecified	Unspecified	Unspecified
(Comments:						
30	Unavailable	2F: Too steep	20	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
(Comments:						
31	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
32	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	18	2F: Too steep	Unspecified	Unspecified	Unspecified
(Comments:						
33	Available	5B: Maintain for regeneration purposes	7	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						

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34	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Vait until surround	stands grow more					
35	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						
36	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	3D: Recreational / Scenic values	Unspecified	Unspecified	Unspecified
C	comments:						
37	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
_	comments: small intermittent	drainages, small vernal pools, a	nd seaso	onally wet area			
38	Unavailable	3K: Rare or unique landforms	8	Unspecified	Unspecified	Unspecified	Unspecified
	comments: bit and mount top	ography-seasonally wet with sma	all pools				
39	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	64	Unspecified	Unspecified	Unspecified	Unspecified
	comments: Vait until surround	I stands grow more.					

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40	Available	5B: Maintain for regeneration purposes	8	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
41	Unavailable	3D: Recreational / Scenic values	7	2F: Too steep	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified
	Comments: Very visual area. V	ery steep along road edge. We	st part o	of stand is very wet.			
42	Unavailable	2F: Too steep	6	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
	Comments:						
43	Unavailable	2F: Too steep	2	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
	Comments:						
44	Available	5B: Maintain for regeneration purposes	80	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
46	Available	5B: Maintain for regeneration purposes	41	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						

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47	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	11	2G: Too wet (sensitive soils, does not include access issues)	2F: Too steep	Unspecified	Unspecified
C	Comments:						
48	Unavailable	2F: Too steep	3	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
49	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	23	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
50	Unavailable	3K: Rare or unique landforms	16	2F: Too steep	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified
	Comments: Pit and mound are	a and steep on stand boundary.	Very w	vet in spots as well.			
51	Available	2D: Portable Bridge Needed (Dept. bridge will be adequate)	17	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
52	Available	5B: Maintain for regeneration purposes	57	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: There is a good an	nount of sugar maple coming up	under	the aspen that is falling ou	ıt.		

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Unspecified 53 **Available** 2D: Portable Bridge 44 Unspecified Unspecified Unspecified Needed (Dept. bridge will be adequate) Comments:

Mgt. Unit

Compartment: #Type! Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Comments				

Atlanta Mgt. Unit Compartment: 161





Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

Conservation Area	on Type	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen condition stocked trout populations and those of other coldwater fish specific conditions for coldwater fishes may occur in Michigan lakes if the groundwater inflows, or are located in colder (northern) areas of Director's action and designated as trout resources by Fisheries	es to persist from year to year. Suitable ey are relatively deep, have substantial the state. Such lakes are established by
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen cond stocked trout populations and those of other coldwater fish speci year to year. Coldwater streams in Michigan typically provide the contributions of groundwater to their stream flows. Such streams designated as trout resources by Fisheries Order 210.	es (e.g., slimy sculpin) to persist from se conditions due to substantial
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in influences the aquatic ecosystem and vice-versa. Because of the streams and open water wetlands, riparian areas harbor a high communities are ecologically and socially significant in their effect as aesthetics, habitat, bank stability, timber production, and their	e unique conditions adjacent to lakes, liversity of plants and wildlife. Riparian cts on water quality and quantity, as well
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of identified as Element Occurrences (EOs) by the Michigan Natura context of their natural community classification system. Element (Excellent) or B (Good) and a Global (G) or State (S) element (rathreatened (2), or rare (3) serve as an initial base of ERAs. They the State. The system is comprised of individual or associations managed for restoration and maintenance of natural ecological pushbuilt recommendations for lands as ERAs using the DNR Constitutions.	al Features Inventory (MNFI) within the toccurrences with viability ranks of A writy) ranking of endangered (1), may be located upon any ownership in of natural community types that are processes and values. The public may



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
1	4132 - Asp	en, Jack Pi	ne	Sapling	Well	4.9	24	Immature	N/A		Some oak was left over from harvest.
	Canopy Species	% Cover	Size Class	DBH	Age						
	Bigtooth Aspen	55	Sapling	2	24						
	Jack Pine	30	Sapling	2							
2	42260 - Natural Pir			Sapling		5.0	88	1-50	N/A		Less regeneration to the east of the stand.
	Canopy Species	% Cover	Size Class	DBH	Age						
	Bigtooth Aspen	25	Sapling	1	14						
	Jack Pine	25	Sapling	1	14						
	White Pine	15 5	Sapling/Pole/L	_og 1							
	Red Pine	25	Log/Pole/Sa	p 11	88						
3	42220 - Nat	ural Jack P	ine	Sapling	Well	107.8	14	Immature	N/A		Residual red pine and some white pine were left from harvest. Good jack
	Canopy Species	% Cover	Size Class	DBH	Age						pine regeneration.
	Red Pine	15	Log	10	80						
	Jack Pine	78	Sapling	1	14						
4	710 - S	and, Soil		Nonsto	cked	1.2		Unspecified	No		Appears to be an old landing location.
5	42210 - Nat			Sawtimbe		6.5	82	81-110	N/A		Has good white pine and oak regeneration in the understory.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	
Blac	ck/Red (Hybrid) Oak	10	Pole	8		Wh	ite Pine	Medium	Variable	Sapling	
	Red Pine	85	Log	11	82		Isam Fir	Low	Variable	Sapling	
						Black/Red	d (Hybrid) O	ak Medium	Variable	Sapling	
						Bigto	oth Aspen	Low	Variable	Sapling	
						Re	d Maple	Medium	Variable	Sapling	
6	320 - Up	land Shrub		Nonsto	cked	1.4		Unspecified	No		Old landing location.
7	42210 - Nat	ural Red P	ine S	awtimber	Mediur	m 25.7	74	51-80	N/A		great aspen and white pine and red pine regeneration. Some low wet spots in stand. Pockets of dense aspen regeneration. Dense jack pine
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	regeneration under overstory red pine trees.
Blac	ck/Red (Hybrid) Oak	15	Pole/Log	9		Bigto	oth Aspen	High	>20 feet	Sapling	
	Red Pine	80	Log	12	74	Wh	ite Pine	Medium	Variable	Sapling	
						Re	d Maple	Medium	Variable	Sapling	
						Re	ed Pine	Medium	Variable	Sapling	
					ŀ	Ja	ck Pine	High	Variable	Sapling	
						Та	g Alder	Trace	5 - 10 feet	Tall Shrub	
					L						1



Stand	Level 4 Co	over Type		Size De	ensity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
8	42210 - Nat	tural Red Pi	ine	Sapling	Medium	1.7	16	Immature	N/A		Large pocket of dense red pine regeneration.
(Canopy Species	% Cover	Size Class	DBI	H Age						
	Red Pine	90	Sapling	3	16						
9	42210 - Nat	tural Red Pi	ine	Sawtimb	oer Well	1.7	93	111-140	N/A		Good amount of pole size red pine in understory and sapling size white pine. Retention pocket from sale in stand 12.
(Canopy Species	% Cover	Size Class	DBI	H Age	Cano	py Species	Density	Avg. Height	Size	pine. Retention pocket from sale in stand 12.
Black	/Red (Hybrid) Oak	10	Pole/Log	8		Bigto	oth Aspen	Low	Variable	Sapling	
	Red Pine	85	Log	12	93	W	hite Pine	High	Variable	Sapling	
						Re	ed Maple	Medium	Variable	Sapling	
						R	ed Pine	Medium	>20 feet	Pole	
10	42220 - Nati	ural Jack P	ine	Saplin	g Well	74.7	25	Immature	N/A		Aspen regeneration is along the edge of stand.
(Canopy Species	% Cover	Size Class	DBI	H Age	Cano	py Species	Density	Avg. Height	Size	
	Jack Pine	98	Sapling	2		Ва	ılsam Fir	Trace	< 5 feet	Sapling	
11	42290 - Natu	ıral Mixed F	Pine	Sawtimb	oer Well	6.9	75	81-110	N/A		Very visual area along Ocqueoc Lake.
(Canopy Species	% Cover	Size Class	DBI	H Age	Cano	py Species	Density	Avg. Height	Size	
	Red Pine	40	Log	12	75	Ва	llsam Fir	Medium	Variable	Sapling	
Nortl	hern White Cedar	10	Pole	7							
	White Pine	30	Log	10							
	Paper Birch	10	Pole	7							
В	igtooth Aspen	10	Pole/Log	9							
12	4122 - 0	Oak, Pine		Poletimb	oer Well	10.3	41	1-50	N/A		Aspen is thicker to the south. Good amount of oak and pine.
(Canopy Species	% Cover	Size Class	DBI	H Age	Cano	py Species	Density	Avg. Height	Size	
Black	/Red (Hybrid) Oak	60	Pole	8	41	Bigto	oth Aspen	High	10 - 20 feet	Sapling	
	White Pine	20	Pole	7		Re	ed Maple	Medium	10 - 20 feet	Sapling	
	Red Pine	20	Pole/Log	9		W	hite Pine	Medium	Variable	Sapling	
				1			Beech	Trace	Variable	Sapling	
13	4191 - Mixed Upla Co	and Deciduo	ous with	Sawtimb	oer Well	5.7	85	81-110	N/A		Steep area that goes down into Ocqueoc lake.
(Canopy Species	% Cover	Size Class	DBI	H Age	Cano	py Species	Density	Avg. Height	Size	
	/Red (Hybrid) Oak		Log	11			ed Maple	Low	Variable	Sapling	
	Paper Birch	10	Pole	7		Ва	ılsam Fir	Low	Variable	Sapling	
В	Bigtooth Aspen	30	Log/Pole	10	85	W	hite Pine	High	Variable	Sapling	
	White Pine	25	Log	11				'			•
14	500 -	- Water		Nonst	ocked	1.5		Unspecified	No		
						Cano	py Species	Density	Avg. Height	Size	
							ag Alder	Medium	5 - 10 feet	Tall Shrub	1



Stan	d Level 4 C	over Type		Size De	nsity	Acres	Stand Age	BA Rang	je	Managed S	ite	General Comments
15	4132 - Asp	en, Jack Pi	ne	Sapling	Well	1.1	25	Immatur	re	N/A		Aspen pocket in jack pine stand.
	Canopy Species	% Cover	Size Class	DBH	Age							
	Bigtooth Aspen	65	Sapling	2	25							
	Jack Pine	25	Sapling	2								
16	6120 - Lo	wland Ceda	ır	Poletimb	er Well	2.0	88	81-110)	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Dens	sity	Avg. Height	Size	
N	orthern White Cedar	75	Pole	8	88	Ва	lsam Fir	Lo	W	Variable	Sapling	
	Red Pine	10	Log	12				,				•
17	4133 - Asp	en, Mixed P	ine	Sapling N	/ledium	6.4	5	Immatur	re	N/A		Harvest completed 6/26/14
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Dens	sity	Avg. Height	Size	More red maple regeneration in areas with higher residual BA of white pine and red pine.
	White Pine	25	Pole/Log	9		Re	ed Pine	Lo	W	Variable	Sapling	
	Bigtooth Aspen	63	Sapling	1	5	Ва	lsam Fir	Lo	W	Variable	Sapling	
	Red Maple	10	Sapling	1		Wh	ite Pine	Lo	W	Variable	Sapling	
18	4191 - Mixed Upl Co	and Decidu	ous with	Poletimb	er Well	44.1	87	81-110)	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Dens	sity	Avg. Height	Size	
	Red Maple	50	Pole	6	87	Re	d Maple	Medi	ium	Variable	Sapling	
	Quaking Aspen	20	Log	12		Ва	lsam Fir	Hig	gh	Variable	Sapling	
	Balsam Fir	20	Pole	8		Sug	ar Maple	Lo	W	Variable	Sapling	
19	122 - Roa	d/Parking L	ot	Nonsto	cked	2.9		Unspecifi	ied	No		
20	6112 - Lo	wland Aspe	n	Sawtimb	er Well	8.1	80	81-110)	N/A		Very hummicky,
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Dens	sity	Avg. Height	Size	
	Red Maple	15	Pole	8		Ва	Isam Fir	Hig	gh	Variable	Sapling	
	Bigtooth Aspen	25	Log	11	80		ite Pine	Medi		Variable	Sapling	
	White Pine	10	Log	12		Ta	g Alder	Medi	ium	5 - 10 feet	Tall Shrub	
	Quaking Aspen	40	Log	11	80							
21	42220 - Na	tural Jack P	ine	Sapling	Well	43.2	15	Immatur	re	N/A		Has very good jack pine regeneration with some scattered white pine and
	Canopy Species		Size Class		Age							oak overstory left from sale.
	Jack Pine	95	Sapling	1	15							
22	122 - Roa	d/Parking L	ot	Nonsto	cked	2.6		Unspecifi	ied	No		Ocqueoc Lake Rd
24	6229 - Mixed	d lowland sh	nrub	Nonsto	cked	0.9		Unspecifi	ied	No		Powerline



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
25	500 -	- Water		Nonsto	cked	4.8	0	Unspecified	No		Ocqueoc River
26	4130	- Aspen	:	Sawtimb	er Well	17.2	79	141-170	N/A		Aspen is starting to fall out.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	Clearcut with stand 55 in compartment 160.
	Red Maple	20	Pole/Log	9		Re	ed Maple	Medium	Variable	Sapling	
	Paper Birch	10	Log	11			Beech	Trace	Variable	Sapling	
	Bigtooth Aspen	65	Log	11	79	Ba	lsam Fir	Low	Variable	Sapling	
				'		Ir	onwood	Low	Variable	Sapling	
27	6117 - Lowland l Coni	Deciduous, iferous	Mixed I	Poletimb	er Well	19.6	79	51-80	N/A		Transition zone into the creek/river
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	
	Red Maple	20	Pole	8		Ba	llsam Fir	High	Variable	Sapling	
	Quaking Aspen	35	Pole	8	79	Re	ed Maple	Medium	Variable	Sapling	
	Balsam Fir	30	Pole	7		Ta	ag Alder	Low	5 - 10 feet	Tall Shrub	
	Black Spruce	10	Pole	8							
28	500 -	- Water		Nonsto	cked	9.6		Unspecified	No		River/creek
29	4199 - Other Mixed	d Upland D	eciduous	Sawtimb		57.3	89	81-110	N/A		There is a lot of birch in this stand. Steep slope to the east of the stand. Sugar maple is coming up under the aspen that is falling out.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	Sugar maple is coming up under the aspen that is railing out.
	Sugar Maple	40	Log	11	89		ed Maple	Low	Variable	Sapling	
	Red Maple	10	Log	10			Beech	Trace	Variable	Sapling	
	Paper Birch	35	Log	11		Ba	llsam Fir	Trace	Variable	Sapling	
	Bigtooth Aspen	10	Log	14		Suç	gar Maple	Medium	Variable	Sapling	
						Strip	oed Maple	Trace	Variable	Sapling	
30	320 - Up	land Shrub		Nonsto	cked	2.2		Unspecified	No		Old landing location.
31	4130	- Aspen		Sapling	Well	7.9	37	1-50	N/A		Just converting into pole size trees. Transition zone going into a lowland.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	
	Bigtooth Aspen	60	Pole/Sapling		37	Ва	ılsam Fir	Low	Variable	Sapling	
	Red Maple	30	Pole/Sapling	g 5			Beech	Trace	Variable	Sapling	
20	4130	- Aspen		Poletimb	er Well	61.2	37	1-50	N/A		
32	4100										
32	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	
32		% Cover	Size Class Pole	DBH	Age		py Species Ilsam Fir	Density Low	Avg. Height Variable	Size Sapling	
32	Canopy Species				Age 37	Ва					



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	ite	General Comments
33	122 - Road	d/Parking Lo	ot	Nonsto	cked	1.5		Unspecified	No		Ocqueoc Lake Rd
35	6112 - Lov	vland Asper	n	Sapling	Well	12.3	25	Immature	N/A		Very wet with rutting from sale still visible.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	
	Red Maple	25	Sapling	3		Ta	ag Alder	Medium	5 - 10 feet	Tall Shrub	
	Paper Birch	15	Sapling	3							
	Quaking Aspen	50	Sapling	3	25						
	Balsam Fir	10	Sapling	3							
36	4133 - Aspe	n, Mixed Pi	ine F	Poletimb	er Well	20.0	24	1-50	N/A		Pine overstory and aspen/red maple understory.
	Canopy Species	% Cover	Size Class	DBH	Age						
	Quaking Aspen	40	Pole/Sapling	5	24						
	White Pine	30	Log	14	128						
	Red Maple	20	Pole/Sapling	5							
37	4193 - Bi	rch, Aspen	F	Poletimb	er Well	9.5	66	51-80	N/A		Steep area and transition zone into lowland.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	
	Paper Birch	50	Pole	8	66		Beech	Trace	Variable	Sapling	
	Sugar Maple	10	Log	10		Ba	lsam Fir	Low	Variable	Sapling	
	Quaking Aspen	20	Pole	8		Re	ed Maple	Medium	Variable	Sapling	
	Red Maple	10	Pole	8							
38	4125 - Blac	k, N. Pin Oa	ak Po	oletimber	Medium	12.6	37	1-50	N/A		Good oak regeneration, but lower stocking than in stand 39. Just
	Canopy Species	% Cover	Size Class	DBH	Age						converting into pole size trees.
	Red Maple	10	Pole/Sapling		J-						
Blad	ck/Red (Hybrid) Oak	60	Pole/Sapling		37						
	White Pine	7	Pole	7							
	Jack Pine	15	Pole/Sapling	5							
39	4191 - Mixed Upla Co	and Decidud Inifer	ous with F	Poletimbe	er Well	13.0	37	1-50	N/A		Good amount of oak regen and just converting into pole sized trees.
	Canopy Species	% Cover	Size Class	DBH	Age						
Blad	ck/Red (Hybrid) Oak	40	Pole/Sapling	5	37						
	White Pine	20	Pole/Sapling								
	Red Pine	15	Pole	7							
	Red Maple	15	Pole/Sapling	5							
40	500 -	Water		Nonsto	cked	2.8		Unspecified	No		
41	3102	- Grass		Nonsto	cked	8.4		Unspecified	No		Powerline



Stand	d Level 4 Co	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	ite	General Comments
42	42250 - 1	Pine, Oak	\$	Sapling N	/ledium	4.0	17	Immature	N/A		Good red pine and oak regeneration.
	Canopy Species	% Cover	Size Class		Age						
Bla	ck/Red (Hybrid) Oak	30	Sapling	3	17						
	White Pine	10	Sapling/Pole	4							
	Red Pine	50	Sapling/Pole	4	17						
	Red Maple	10	Sapling	3							
43	4191 - Mixed Upla Co	ınd Decidud nifer	ous with	Sapling N	/ledium	21.9	3	1-50	N/A		Pole sized pine we left from sale making it a two aged stand. Has heavy browse in stand.
	Canopy Species	% Cover	Size Class	DBH	Age						
	Red Pine	30	Sapling/Pole	4	47						
	White Pine	10	Pole	8							
Bla	ck/Red (Hybrid) Oak	35	Sapling	1	3						
	Red Maple	25	Sapling	1							
45	6112 - Low	vland Aspe	n F	Poletimb	er Well	18.1	72	51-80	N/A		Springs and streams and Ocqueoc River. Gets steep closer to the river.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	Too wet to harvest.
	Red Maple	20	Pole	8		Re	d Maple	Low	Variable	Sapling	
	Quaking Aspen	40	Pole/Log	9	72	Ва	lsam Fir	High	Variable	Sapling	
	Balsam Fir	20	Pole	8		Ta	ag Alder	Low	5 - 10 feet	Tall Shrub	
	Black Spruce	10	Pole	8							
46	6113 - Low	vland Maple	e F	Poletimb	er Poor	3.3	61	Unspecified	N/A		Very wet and all ash is dead.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	
	Red Maple	80	Pole	5	61	Re	d Maple	Medium	Variable	Sapling	
	Balsam Fir	10	Pole	5		Ва	Isam Fir	Low	Variable	Sapling	
						Ta	ag Alder	Medium	5 - 10 feet	Tall Shrub	
47	3102 -	- Grass		Nonsto	cked	3.1		Unspecified	No		Had a previous treatment that was approved to maintain as a wildlife opening. Unsure if it was every done.
48	4311 - Pine	e, Aspen M	ix \$	Sawtimb	er Well	14.9	73	81-110	N/A		If necessary could be harvested. Retention to the north of the road
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	between road and old gravel pit.
Bla	ck/Red (Hybrid) Oak	15	Log	12			d Maple	Medium	Variable	Sapling	
	White Pine	30	Log	12		Ва	Isam Fir	Medium	Variable	Sapling	
	Red Pine	20	Log	12		WI	nite Pine	Low	Variable	Sapling	
	Quaking Aspen	35	Log	12	73	-	Beech	Trace	Variable	Sapling	
49	122 - Road	/Parking Lo	ot	Nonsto	cked	1.6		Unspecified	No		Ocqueoc Lake Rd



Stand	d Level 4 Co	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed \$	Site	General Comments
50	6112 - Lov	vland Aspe	n	Sapling N	Medium	60.7	13	Immature	N/A		EAB sale. Some major rutting still present. No regeneration in the skid trails.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	Some major rutting still present. No regeneration in the skid trails.
	Red Maple	10	Sapling	3		Ta	ag Alder	Low	5 - 10 feet	Tall Shrub	
	Quaking Aspen	85	Sapling	3	13			<u> </u>			
51	710 - S	and, Soil		Nonsto	ocked	6.7		Unspecified	No		Old gravel pit. Has some honeysuckle growing there. Some trash that people have dumped there as well.
52	4191 - Mixed Upla Co	and Decidud nifer	ous with	Sapling	g Well	67.4	24	Immature	N/A		Almost a pole size stand. Some overstory pine were left from harvest but not enough to make it a two aged stand.
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Red Maple	15	Sapling/Po	1							
Bla	ck/Red (Hybrid) Oak	45	Sapling/Pol	le 4	24						
	White Pine	20	Pole	6							
	Red Pine	15	Pole	6							
53	4191 - Mixed Upla Co	and Deciduo nifer	ous with	Sapling N	Medium	5.4	3	1-50	N/A		Red and white pine super canopy. Cut in 2016 with all pine left in sale. Uneven aged stand with 3 different age classes.
	Canopy Species	% Cover	Size Class	DBH	l Age						Heavy browse on the oak.
Bla	ck/Red (Hybrid) Oak	25	Sapling	1	3						
	White Pine	20	Pole	6	45						
	Red Pine	7	XLog	20	143						
54	3102	- Grass		Nonsto	ocked	2.2		Unspecified	No		Powerline
55	3102	- Grass		Nonsto	cked	2.4		Unspecified	Managed O	pening	Has a sign saying, "Managed wildlife habitat area by Northeast Michigan Whitetails Conservation Foundation"
56	42210 - Nat	ural Red Pi	ine	Sawtimb	er Well	6.6	72	1-50	N/A		Appears to be a two aged stand.
	Canopy Species	% Cover	Size Class	DBH	l Age	Cano	py Species	Density	Avg. Height	Size	
	White Pine	30	Log/XLog	14		Re	ed Maple	High	Variable	Sapling	
	Red Pine	70	Log	12	72	Black/Re	d (Hybrid) Oa	ak Medium	Variable	Sapling	
57	320 - Upl	land Shrub		Nonsto	ocked	1.3		Unspecified	No		An upland opening in which a few bits of braken fern could be seen. 2" aspen is crowding in around the edges.
58	4310 - Pir	ne, Oak Mix	×	Sawtimb	er Well	8.4	92	51-80	N/A		Has good white pine in understory. Leave to allow white pine understory
	Canopy Species	% Cover	Size Class	DBH	l Age	Cano	py Species	Density	Avg. Height	Size	to come up.
Bla	ck/Red (Hybrid) Oak	50	Log	12	92	Re	ed Maple	Medium	Variable	Sapling	
	White Pine	30	Log/Pole	10		WI	nite Pine	Medium	Variable	Sapling	
	Red Pine	15	Log	14		Black/Re	d (Hybrid) Oa	ak Low	Variable	Sapling	



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age	ВА	Range	Managed S	ite	General Comments
59	6130 - Fir, <i>A</i>	Aspen, Mar	ole	Poletimb	er Well	18.7	68	į	51-80	N/A		Transition zone into a lowland. East side is upland west side is lowland.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species		Density	Avg. Height	Size	Overall pole sized stand.
	Red Maple	10	Pole	6		Ва	alsam Fir		High	Variable	Sapling	
	Bigtooth Aspen	35	Log/Pole	10	68	Re	ed Maple		Medium	Variable	Sapling	
	Balsam Fir	30	Pole	6			Beech		Trace	Variable	Sapling	
	Paper Birch	10	Pole/Log	9								
60	4191 - Mixed Upla Co	ınd Decidu nifer	ous with	Sapling	ı Well	4.2	17	lm	mature	N/A		Oak is fairly "Bushy" from browse.
	Canopy Species	% Cover	Size Class	DBH	Age							
	Red Maple	50	Sapling	1	17							
Bla	ck/Red (Hybrid) Oak	14	Sapling	1								
	White Pine	20	Sapling/Pol	е 3								
	Red Pine	15	Sapling/Pol	e 4								
61	4191 - Mixed Upla Co	ınd Decidu nifer	ous with	Sapling I	Лedium	43.4	3	lm	ımature	N/A		Cut in 2016. Heavy browse on the oak. Some red and white pine left over from sale.
	Canopy Species	% Cover	Size Class	DBH	Age							
	Red Maple	50	Sapling	1	3							
Bla	ck/Red (Hybrid) Oak	30	Sapling	1								
	White Pine	15	Log/Pole	10	62							
62	4131 - As	spen, Oak		Sawtimb	er Well	21.8	79	1.	11-140	N/A		
02	Canopy Species	•	Size Class		Age		py Species		Density	Avg. Height	Size	
	Red Maple	15	Log	10	1.90		ed Maple		Medium	Variable	Sapling	
	Red Oak	30	Log	12			Isam Fir		Low	Variable	Sapling	
	Bigtooth Aspen	45	Log	13	79		hite Pine		Low	Variable	Sapling	
63	3102 -	- Grass		Nonsto	cked	2.3		Uns	specified	No		Large Powerline
64	6117 - Lowland [Conit	Deciduous, ferous	, Mixed	Sawtimb	er Poor	13.7	73	ţ	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species		Density	Avg. Height	Size	
	Quaking Aspen	30	Log	10	73		Beech		Trace	Variable	Sapling	
	Red Maple	20	Pole/Log	9		Ва	alsam Fir		High	Variable	Sapling	
	Balsam Fir	20	Pole	8		Re	ed Maple		Low	Variable	Sapling	
	Black Spruce	10	Pole	8								•
No	rthern White Cedar	10	Log	10								
	Paper Birch	10	Log	10								
65	3102 -	- Grass		Nonsto	cked	2.3		Uns	specified	No		Old landing location.



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age	BA Ra	nge	Managed S	Site	General Comments
66	4136 - Aspen	, Mixed Co	nifer	Sapling	Well	5.2	25	Imma	ture	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age							
	Red Maple	20	Sapling	3								
	Quaking Aspen	50	Sapling	3	25							
	Balsam Fir	10	Sapling	2								
	Red Pine	10	Sapling	2								
67	500 -	Water		Nonsto	cked	0.8		Unspe	cified	No		Ocqueoc River
68	4311 - Pine	e, Aspen M	ix S	awtimber	Medium	2.2	88	81-1	10	N/A		Parking area for people who fish is in this area. Transition zone from
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	De	ensity	Avg. Height	Size	upland to lowland area.
	Red Pine	25	Log/Pole	10	J-		lsam Fir		Low	Variable	Sapling	
	White Pine	10	Log	11		J	Juniper	7	Ггасе	5 - 10 feet	Tall Shrub	
Blad	ck/Red (Hybrid) Oak	10	Log/Pole	10								
	Bigtooth Aspen	35	Log	12	88							
69	4125 - Blaci	k, N. Pin O	ak	Sawtimb	er Poor	41.4	86	1-5	50	N/A		Had a sheltwood harvest done.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	De	ensity	Avg. Height	Size	
Blad	ck/Red (Hybrid) Oak	90	Log	11	86	Re	ed Maple	M	edium	Variable	Sapling	
	Red Pine	10	Log	11		Bigto	oth Aspen	M	edium	Variable	Sapling	
						I	Beech	7	Гrасе	Variable	Sapling	
						Black/Re	d (Hybrid) C)ak	Low	Variable	Sapling	
						R	ed Pine	7	Ггасе	Variable	Sapling	
70	122 - Road	/Parking L	ot	Nonsto	cked	4.7		Unspe	cified	No		Ocqueoc Rd
71		Dak, Pine		Sapling N		3.7	17	lmma	ture	N/A		
Dia	Canopy Species		Size Class		Age							
Dia	ck/Red (Hybrid) Oak Jack Pine	70	Sapling	1	17							
	Jack Pine	20	Sapling	ı								
72		Dak, Pine		awtimber			88	51-8		N/A		Fairly open pine/oak stand.
-	Canopy Species	% Cover			Age		py Species		ensity	Avg. Height	Size	
1	Northern Pin Oak	60	Log/Pole	10	88		ed Pine		Low	Variable	Sapling	
	White Pine	15	Pole	8			hite Pine		Low	Variable	Sapling	
	Jack Pine	20	Pole	8			lsam Fir		Low	Variable	Sapling	
						J	Juniper	1	Trace	5 - 10 feet	Tall Shrub	

Compartment: 161
Year of Entry: 2021

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Stand	d Level 4 Co	over Type		Size Density	Acres	Stand Age	BA Range	Managed S	ite	General Comments
73	4112 - Maple, Asso	Beech, Ch	erry	Sapling Medium	13.9	4	Immature	N/A		Clearcut completed 10/01/15 Illegal deer blind on east edge where stand 73, 65 and 82 all meet up.
	Canopy Species	% Cover	Size Class	DBH Age						Regeneration is kind of spotty.
	Red Maple	80	Sapling	1 4						
74	122 - Road	l/Parking L	ot	Nonstocked	0.6		Unspecified	No		Ocqueoc Rd
75	4125 - Blac	k, N. Pin O	ak	Sapling Medium	27.3	4	Immature	N/A		cut 2015 on 54-064-11-01.
	Canopy Species	% Cover	Size Class	DBH Age						Mostly oak regen. Southern part has better stocking.
Blad	ck/Red (Hybrid) Oak	75	Sapling	1 4						
	Red Pine	20	Sapling	1						
76	42220 - Nat	ural Jack P	ine	Poletimber Poor	10.4	36	1-50	N/A		Frost pocket
	Canopy Species	% Cover	Size Class	DBH Age						
	Red Pine	10	Pole/Sapling	g 5						
	Jack Pine	70	Pole/Sapling	g 5 36						
Blad	ck/Red (Hybrid) Oak	20	Pole/Sapling	g 5						
77	42210 - Nat	ural Red P	ine	Sawtimber Poor	14.8	79	1-50	N/A		Closer to 50 BA. Looked like stand had a shelterwood harvest instead of
	Canopy Species	% Cover	Size Class	DBH Age	Cano	py Species	Density	Avg. Height	Size	a clearcut that was prescribed.
	Red Pine	99	Log	11 79		ed Maple	Low	Variable	Sapling	
					Black/Re	ed (Hybrid) C	ak Low	Variable	Sapling	
					R	Red Pine	Trace	Variable	Sapling	
78	4131 - A	spen, Oak		Sapling Medium	7.5	17	Immature	N/A		
	Canopy Species	% Cover	Size Class	DBH Age						
	Red Maple	19	Sapling	4						
Blad	ck/Red (Hybrid) Oak	30	Sapling	4 17						
	Bigtooth Aspen	50	Sapling	4 17						
79	4110 - Sugar M	laple Assoc	ciation	Sawtimber Well	19.7	87	81-110	N/A		This stand was not treated with stand 144 because of the pit and mound
	Canopy Species	% Cover	Size Class	DBH Age	Cano	py Species	Density	Avg. Height	Size	structure of it. Has some small ponds in it mostly to the NE of the stand.
	Sugar Maple	92	Log/Pole	10 87		Beech	Low	Variable	Sapling	, and the state of
					Ва	alsam Fir	Low	Variable	Sapling	
					Re	ed Maple	Trace	Variable	Sapling	
					Ir	onwood	Low	Variable	Sapling	
					Su	gar Maple	Trace	Variable	Sapling	
80	710 - S	and, Soil		Nonstocked	14.5		Unspecified	No	_	Gravel pit area next to a police tower.



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
81	622 - Low	vland Shrub	b	Nonsto	cked	5.7	0	Unspecified	No		Ash is all dead. Lowland area. non productive.
						Cano	py Species	Density	Avg. Height	Size	
						Ta	ag Alder	High	5 - 10 feet	Tall Shrub	
82	42110 - Plar	nted Red P	Pine	Sawtimb	er Well	l 17.1	57	141-170	N/A		Just converting into log size trees. Same age as stand 86 but larger trees
(Canopy Species	% Cover	Size Class	DBH	l Age	Cano	py Species	Density	Avg. Height	Size	
	Red Pine	98	Log	10	57	Re	d Maple	Low	Variable	Sapling	
						Ва	Isam Fir	Trace	Variable	Sapling	
						Bigto	oth Aspen	Low	Variable	Sapling	
						I	Beech	Trace	Variable	Sapling	
83	42210 - Nat	ural Red P	ine	Sawtimb	er Well	l 65.1	83	81-110	N/A		Regen is mostly in clumps/pockets.
(Canopy Species	% Cover	Size Class	DBH	l Age	Cano	py Species	Density	Avg. Height	Size	
Black	k/Red (Hybrid) Oak	15	Log/Pole	10		I	Beech	Trace	Variable	Sapling	
	Red Pine	75	Log	11	83	Ja	ick Pine	Low	Variable	Sapling	
						R	ed Pine	Low	Variable	Sapling	
						WI	nite Pine	Low	Variable	Sapling	
						Black/Re	d (Hybrid) O	ak Low	Variable	Sapling	
84	42210 - Nat	ural Red P	ine	Sawtimb	er Well	l 8.1	94	111-140	N/A		West of Ocqueoc Rd is a lot more wet. Some hemlock found in stand, but has heavy browse. Very steep along road edge.
,	Canopy Species	% Cover	Size Class	DBH	l Age	Cano	py Species	Density	Avg. Height	Size	but has heavy browse. Very steep along road edge.
	k/Red (Hybrid) Oak	% Cover	Size Class Log	12	I Age		py Species nite Pine	Density Low	Avg. Height Variable	Size Sapling	but has heavy browse. Very steep along road edge.
					94	WI					but has neavy browse. Very steep along road edge.
Black	k/Red (Hybrid) Oak	20	Log	12		WI R	nite Pine	Low	Variable	Sapling	but has neavy browse. Very steep along road edge.
Black	k/Red (Hybrid) Oak Red Pine	20 60	Log Log	12 11		WI R Ja	nite Pine ed Pine	Low Low	Variable Variable	Sapling Sapling	but has neavy browse. Very steep along road edge.
Black	k/Red (Hybrid) Oak Red Pine	20 60	Log Log	12 11		WI R Ja Ba	nite Pine ed Pine ick Pine	Low Low Low	Variable Variable Variable	Sapling Sapling Sapling	but has neavy browse. Very steep along road edge.
Black	k/Red (Hybrid) Oak Red Pine	20 60	Log Log	12 11		WI R Ja Ba Re	ed Pine lck Pine lsam Fir	Low Low Low Low Low	Variable Variable Variable Variable	Sapling Sapling Sapling Sapling	but has neavy browse. Very steep along road edge.
Black	k/Red (Hybrid) Oak Red Pine	20 60	Log Log	12 11		WI R Ja Ba Re Black/Re	ed Pine ed Pine lck Pine lsam Fir ld Maple	Low Low Low Low Low	Variable Variable Variable Variable Variable	Sapling Sapling Sapling Sapling Sapling	but has neavy browse. Very steep along road edge.
Black	k/Red (Hybrid) Oak Red Pine	20 60 9	Log Log Log	12 11	94	WI R Ja Ba Re Black/Re	ed Pine ck Pine lsam Fir d Maple d (Hybrid) O	Low Low Low Low Low Low Low	Variable Variable Variable Variable Variable Variable	Sapling Sapling Sapling Sapling Sapling Sapling Sapling	but has neavy browse. Very steep along road edge.
Black E	k/Red (Hybrid) Oak Red Pine Bigtooth Aspen 4125 - Black Canopy Species	20 60 9	Log Log Log	12 11 10 Sawtimb	94 er Well	WII R Ja Ba Re Black/Re H I 10.8 Cano	nite Pine ed Pine eck Pine lsam Fir ed Maple d (Hybrid) O emlock 82 py Species	Low Low Low Low Low Trace 81-110	Variable Variable Variable Variable Variable Variable Variable Variable	Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	but has neavy blowse. Very steep along load edge.
Black E	k/Red (Hybrid) Oak Red Pine Bigtooth Aspen	20 60 9	Log Log Log	12 11 10 Sawtimb	94 er Well	WII R Ja Ba Re Black/Re H I 10.8 Cano	nite Pine ed Pine ck Pine Isam Fir d Maple d (Hybrid) O emlock	Low Low Low Low Low Trace 81-110	Variable Variable Variable Variable Variable Variable Variable Variable	Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	but has neavy blowse. Very steep along load edge.
Black Black	k/Red (Hybrid) Oak Red Pine Bigtooth Aspen 4125 - Black Canopy Species	20 60 9	Log Log Log And Log Log Size Class	12 11 10 Sawtimb	94 er Well	WI R Ja Ba Re Black/Re H I 10.8 Cano	nite Pine ed Pine eck Pine lsam Fir ed Maple d (Hybrid) O emlock 82 py Species	Low Low Low Low Low Trace 81-110 Density Low Trace	Variable Variable Variable Variable Variable Variable Variable Variable Avg. Height	Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	but has neavy blowse. Very steep along load edge.
Black Black	k/Red (Hybrid) Oak Red Pine Bigtooth Aspen 4125 - Black Canopy Species k/Red (Hybrid) Oak	20 60 9 k, N. Pin C	Log Log Log Dak Size Class	12 11 10 Sawtimb	94 er Well	WI R Ja Ba Re Black/Re H 10.8 Cano	ed Pine ed Pine lock Pine lsam Fir ed Maple d (Hybrid) O emlock 82 py Species ed Maple	Low Low Low Low Low Trace 81-110 Density Low	Variable	Sapling	but has neavy browse. Very steep along road edge.
Black Black	k/Red (Hybrid) Oak Red Pine Bigtooth Aspen 4125 - Black Canopy Species k/Red (Hybrid) Oak	20 60 9 k, N. Pin C	Log Log Log Dak Size Class	12 11 10 Sawtimb	94 er Well	WI R Ja Ba Re Black/Re H 10.8 Cano Re WI R	nite Pine ed Pine lck Pine lsam Fir ed Maple d (Hybrid) O emlock 82 py Species ed Maple nite Pine	Low Low Low Low Low Ak Low Trace 81-110 Density Low Trace Trace	Variable	Sapling	but has neavy browse. Very steep along road edge.
Black Black	k/Red (Hybrid) Oak Red Pine Bigtooth Aspen 4125 - Black Canopy Species k/Red (Hybrid) Oak	20 60 9 kk, N. Pin C % Cover 80 19	Log Log Log Dak Size Class Log Log	12 11 10 Sawtimb	94 er Well I Age	WI R Ja Ba Re Black/Re H 10.8 Cano Re WI R Black/Re	nite Pine ed Pine ed Pine lsam Fir ed Maple d (Hybrid) O emlock 82 py Species d Maple nite Pine ed Pine	Low Low Low Low Low Ak Low Trace 81-110 Density Low Trace Trace	Variable	Sapling Size Sapling Sapling Sapling	Third now thinned 2012.
85 Black	k/Red (Hybrid) Oak Red Pine Bigtooth Aspen 4125 - Black Canopy Species k/Red (Hybrid) Oak Bigtooth Aspen	20	Log Log Log Dak Size Class Log Log	12	94 er Well I Age	WII R Ja Ba Re Black/Re H I 10.8 Cano Re WII R Black/Re	nite Pine ed Pine ed Pine lsam Fir ed Maple d (Hybrid) O emlock 82 py Species ed Maple nite Pine ed Pine d (Hybrid) O	Low Low Low Low Low Ak Low Trace 81-110 Density Low Trace Trace Ak Low	Variable Variable Variable Variable Variable Variable Variable Variable Variable N/A Avg. Height Variable Variable Variable Variable Variable	Sapling Size Sapling Sapling Sapling	
85 Black	A/Red (Hybrid) Oak Red Pine Bigtooth Aspen 4125 - Blace Canopy Species k/Red (Hybrid) Oak Bigtooth Aspen 42110 - Plar	20	Log Log Log Dak Size Class Log Log Log	12	94 er Well I Age 82	WI R Ja Ba Re Black/Re H 10.8 Cano Re WI R Black/Re I 48.5 Cano	nite Pine ed Pine ed Pine lck Pine lsam Fir d Maple d (Hybrid) O emlock 82 py Species d Maple nite Pine ed Pine d (Hybrid) O	Low Low Low Low Low Ak Low Trace 81-110 Density Low Trace Trace Ak Low Trace Trace At Low	Variable	Sapling	Third now thinned 2012.



Stand	tand Level 4 Cover Type			Size Density		sity Acres	Stand Age BA Range		Managed Site		General Comments
87	3102	- Grass		Nonsto	cked	9.4		Unspecified	No		Old landing locations.
88	4191 - Mixed Upla Co	ınd Decidu	ous with	Poletimb	er Well	22.2	37	51-80	N/A		Very mixed stand with many different sized tress, but all about the same height.
С	anopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	
	Red Maple	25	Pole	6			ack Pine	Trace	Variable	Sapling	
Black/	Red (Hybrid) Oak	30	Pole	6	37	W	hite Pine	Trace	Variable	Sapling	
	Red Pine	10	Pole	8		R	led Pine	Trace	Variable	Sapling	
	White Pine	10	Log/Pole	10			Beech	Trace	Variable	Sapling	
Bi	igtooth Aspen	20	Pole	6	37		ed Maple	Low	Variable	Sapling	
	3						ooth Aspen	Low	Variable	Sapling	
						_	ed (Hybrid) O		Variable	Sapling	
89	4139 - Aspen, I	Mixed Deci	duous	Poletimb	er Well	82.7	36	1-50	N/A		Just converting into pole size trees.
С	anopy Species	% Cover	Size Class	DBH	Age						
	Red Maple	40	Pole/Sapling	g 5	_						
Bi	igtooth Aspen	45	Pole/Sapling	g 5	36						
Black/	Red (Hybrid) Oak	10	Pole/Sapling	g 5							
90	4191 - Mixed Upla Co	ınd Decidu nifer	ous with	Sapling N	/ledium	21.4	6	Immature	N/A		Some small pine was left as residual from the sale. Looked to be slightly more red maple than oak regeneration.
С	anopy Species	% Cover	Size Class	DBH	Age						
	White Pine	10	Pole	7							
	Red Pine	10	Pole	7							
Black/	Red (Hybrid) Oak	30	Sapling	1							
	Red Maple	35	Sapling	1	6						
Bi	igtooth Aspen	15	Sapling	1							
91	4139 - Aspen, I	Mixed Deci	duous	Poletimb	er Well	18.6	36	1-50	N/A		Just converting into pole size trees.
С	anopy Species	% Cover	Size Class	DBH	Age						
	Red Maple	25	Pole/Sapling	g 5							
No	rthern Pin Oak	15	Pole/Sapling	g 5							
	Red Pine	8	Pole	8							
Bi	igtooth Aspen	50	Pole/Sapling	g 5	36						
92	6120 - Lov	vland Ceda	ar	Poletimb	er Well	2.3	107	81-110	N/A		
С	anopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	
	igtooth Aspen	7	Pole/Log	9			alsam Fir	Medium	Variable	Sapling	
	Black Spruce	8	Pole	7			ed Maple	Low	Variable	Sapling	
	nern White Cedar	60	Pole/Log	9	107		ck Spruce	Trace	Variable	Sapling	
	Balsam Fir	20	Pole	6				I	II.		1



Stand	Level 4 Co	ver Type	:	Size De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
93	4199 - Other Mixed	Upland D	eciduous S	Sapling N	/ledium	35.3	3	Immature	N/A		Pretty heavy deer browse in this stand.
	Canopy Species Red Maple Bigtooth Aspen ck/Red (Hybrid) Oak	% Cover 45 10 35	Size Class Sapling Sapling Sapling	1 1 1	Age 3						
94	3102 -	Grass		Nonsto	cked	1.2		Unspecified	No		Old landing location.
96	6229 - Mixed	lowland sl	hrub	Nonsto	ocked		0 py Species ag Alder	Unspecified Density High	No Avg. Height 5 - 10 feet	Size Tall Shrub	This is more of a seasonal flooding with a small creek running through it. Dead ash dominated by tag alder.
	4139 - Aspen, N Canopy Species Red Maple Bigtooth Aspen ck/Red (Hybrid) Oak		Size Class Pole/Sapling Pole/Sapling Pole/Sapling	5 5	Age 36	5.2	36	1-50	N/A		Just converting into pole size trees.
98	3102 -	Grass		Nonsto	cked	2.5		Unspecified	No		May have been an old landing site.
100	4133 - Asper Canopy Species Bigtooth Aspen White Pine		Pine Po Size Class Pole Pole	DBH 6	Mediur Age 49	m 22.5	49	1-50	N/A		Poor stocking, low quality, fairly open canopy.
101	4125 - Black	k, N. Pin C	Oak S	Sawtimb	er Well	1.6	87	81-110	N/A		remaining uncut steps
Blac	Canopy Species	% Cover	Size Class	DBH	Age 87		py Species ed Maple	Density Medium	Avg. Height Variable	Size Sapling	
			-			Bigto	ed Pine ooth Aspen d (Hybrid) C	Low Low Dak Low	Variable Variable Variable	Sapling Sapling Sapling	
102	4119 - Mixed Noi	rthern Har	dwoods	Sapling	Well	24.0	nite Pine	Trace 1-50	Variable N/A	Sapling	Strip cuts
	Canopy Species Red Maple Bigtooth Aspen ck/Red (Hybrid) Oak	% Cover 65 15	Size Class Sapling/Pole Sapling Sapling	DBH	Age 37 37						



Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	ite	General Comments
104	4191 - Mixed Upla Co	and Decidu	ous with	Poletimb	er Well	22.0	37	1-50	N/A		Just starting to convert to pole size trees.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	
	Red Maple	15	Pole	5		Re	d Maple	Medium	Variable	Sapling	
Blac	k/Red (Hybrid) Oak	35	Pole	5	37	Black/Re	d (Hybrid) Oa	k Medium	Variable	Sapling	
	White Pine	10	Pole	5							•
	Jack Pine	15	Pole	7							
	Bigtooth Aspen	25	Pole	5							
105	4131 - A	spen, Oak		Poletimb	er Well	31.6	24	1-50	N/A		Just converting into pole size trees.
	Canopy Species	% Cover	Size Class	DBH	Age						
	Red Maple	8	Pole/Sapling	g 5							
Blac	k/Red (Hybrid) Oak	30	Pole/Sapling	g 5	24						
	Red Pine	7	Pole/Sapling	g 5							
	Bigtooth Aspen	50	Pole/Sapling	g 5	24						
106	4130	- Aspen		Sapling	Well	8.7	24	Immature	N/A		About to convert into pole sized trees.
	Canopy Species	% Cover	Size Class	DBH	Age						
	Red Maple	8	Sapling	4							
	Bigtooth Aspen	85	Sapling	4	24						
107	4125 - Blac	k, N. Pin O	ak	Sawtimb	er Well	27.2	81	81-110	N/A		Dog hair thick red maple understory.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	
Blac	k/Red (Hybrid) Oak	98	Log	12	81	Re	d Maple	High	Variable	Sapling	
				'		Black/Re	d (Hybrid) Oa	k Medium	Variable	Sapling	
						Bigto	oth Aspen	Low	Variable	Sapling	
						Е	Beech	Trace	Variable	Sapling	
						Wh	nite Pine	Trace	Variable	Sapling	
108	42250 -	Pine, Oak		Sawtimb	er Well	79.8	88	111-140	N/A		Decent oak understory. Good mix of pine and oak overstory. Thinned in 2015.
	Canopy Species	% Cover	Size Class		Age	Cano	py Species	Density	Avg. Height	Size	THIRIEU III 2013.
١	Northern Pin Oak	37	Log/Pole	10		Re	d Maple	Low	Variable	Sapling	
	Red Pine	60	Log/Pole	12	88	Black/Re	d (Hybrid) Oa	k Medium	Variable	Sapling	
						Re	ed Pine	Trace	Variable	Sapling	
						Bigto	oth Aspen	Trace	Variable	Sapling	
					Ī	Е	Beech	Trace	Variable	Sapling	



Stand	Level 4 Co	ver Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	ite	General Comments
109	4133 - Asper	n, Mixed Pi	ine	Sapling	Well	23.4	26	Immature	N/A		About to convert into pole size trees.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	
	Red Maple	10	Sapling	4		Che	rry (spp.)	Low	< 5 feet	Tall Shrub	
Blac	ck/Red (Hybrid) Oak	10	Sapling	4							
	Red Pine	20	Sapling	3							
	Bigtooth Aspen	60	Sapling	4	26						
110	4133 - Asper	n, Mixed Pi	ine F	Poletimb	er Wel	3.3	86	111-140	N/A		Very steep.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	
	Bigtooth Aspen	40	Log	10	86	Re	d Maple	Low	Variable	Sapling	
Blac	ck/Red (Hybrid) Oak	40	Log	10	86	Wh	ite Pine	Low	Variable	Sapling	
	Red Pine	20	Log/Pole	11		Black/Red	d (Hybrid) Oa	ak Low	Variable	Sapling	
112	3102 -	Grass		Nonsto	cked	9.0		Unspecified	No		Powerline
113	3102 -	Grass		Nonsto	cked	3.0		Unspecified	No		Old landing location.
114	4199 - Other Mixed Canopy Species Red Oak	% Cover	eciduous Size Class	Sapling DBH		62.4	6	Immature	N/A		Scattered pockets of oak poles were left as residuals from harvest. Honeysuckle is present by landing location in the middle of the stand nex
	Red Maple	45 40 12	Sapling/Pole Sapling	2 2	6						to the powerline.
115	Bigtooth Aspen			2	6	3.1		Unspecified	No		Old landing location.
115	3102 - 4122 - C	40 12 Grass	Sapling Sapling	2 2 2 Nonsto	6 ocked	38.6	87	81-110	N/A		Old landing location. Has a good oak and red pine understory. Do not harvest to allow oak and
115 116	3102 - 4122 - C Canopy Species	40 12 Grass Oak, Pine % Cover	Sapling Sapling	2 2 2 Nonsto	6 ocked er Well	38.6 Cano	87 py Species	81-110 Density	N/A Avg. Height	Size	Old landing location.
115 116	3102 - 4122 - C Canopy Species Ck/Red (Hybrid) Oak	40 12 Grass Oak, Pine 65	Sapling Sapling Size Class Log/Pole	2 2 2 Nonsto	6 ocked	38.6 Cano	87 py Species ed Pine	81-110 Density Medium	N/A Avg. Height Variable	Sapling	Old landing location. Has a good oak and red pine understory. Do not harvest to allow oak and
115 116	3102 - 4122 - C Canopy Species	40 12 Grass Oak, Pine % Cover	Sapling Sapling	2 2 2 Nonsto	6 ocked er Well	38.6 Cano Re Black/Rec	87 py Species ed Pine d (Hybrid) Oa	81-110 Density Medium Medium	N/A Avg. Height Variable Variable	Sapling Sapling	Old landing location. Has a good oak and red pine understory. Do not harvest to allow oak and
115 116	3102 - 4122 - C Canopy Species Ck/Red (Hybrid) Oak	40 12 Grass Oak, Pine 65	Sapling Sapling Size Class Log/Pole	2 2 2 Nonsto	6 ocked er Well	38.6 Cano Re Black/Rec	87 py Species ed Pine	81-110 Density Medium	N/A Avg. Height Variable	Sapling	Old landing location. Has a good oak and red pine understory. Do not harvest to allow oak and
115 116	3102 - 4122 - C Canopy Species Ck/Red (Hybrid) Oak Red Pine	40 12 Grass Oak, Pine 65	Sapling Sapling Size Class Log/Pole	2 2 2 Nonsto	6 ocked er Well Age 87	38.6 Cano Re Black/Rec	87 py Species ed Pine d (Hybrid) Oa	81-110 Density Medium Medium	N/A Avg. Height Variable Variable	Sapling Sapling	Old landing location. Has a good oak and red pine understory. Do not harvest to allow oak and
115 116 Blace	3102 - 4122 - C Canopy Species Ck/Red (Hybrid) Oak Red Pine	40 12 Grass Oak, Pine % Cover 65 30 Aspen	Sapling Sapling Size Class Log/Pole	Nonstor Sawtimb DBH 10 12	6 ocked er Well Age 87	38.6 Cano Re Black/Ree	87 py Species ed Pine d (Hybrid) Oa d Maple	81-110 Density Medium ak Medium Low	N/A Avg. Height Variable Variable Variable	Sapling Sapling	Old landing location. Has a good oak and red pine understory. Do not harvest to allow oak and red pine to get more established.
115 116 Blac	3102 - 4122 - C Canopy Species ck/Red (Hybrid) Oak Red Pine	40 12 Grass Oak, Pine % Cover 65 30 Aspen	Sapling Sapling Size Class Log/Pole Log	Nonstor Sawtimb DBH 10 12	er Well	38.6 Cano Re Black/Ree	87 py Species ed Pine d (Hybrid) Oa d Maple	81-110 Density Medium ak Medium Low	N/A Avg. Height Variable Variable Variable	Sapling Sapling	Old landing location. Has a good oak and red pine understory. Do not harvest to allow oak and red pine to get more established.

Atlanta Mgt. Unit



Stand	Level 4 Co	over Type		Size D	ensity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
119	6120 - Lov	wland Ceda	ır	Poletim	ber Well	11.1	107	81-110	N/A		River runs through the middle of the stand from east to west. Very steep
	Canopy Species	% Cover	Size Class	DB	H Age	Cano	py Species	Density	Avg. Height	Size	slopes leading into stand.
	Bigtooth Aspen	7	Pole/Log	9		Ва	ılsam Fir	Medium	Variable	Sapling	
	Black Spruce	8	Pole	7		Re	ed Maple	Low	Variable	Sapling	
No	rthern White Cedar	60	Pole/Log	9	107	Bla	ck Spruce	Trace	Variable	Sapling	
	Balsam Fir	20	Pole	6							
120	6120 - Lov	wland Ceda	ır	Sawtim	ber Well	3.2	115	141-170	N/A		Lots of seeps, small cricks/streams. Random pockets of upland that are
	Canopy Species	% Cover	Size Class	DB	H Age	Cano	py Species	Density	Avg. Height	Size	all lest than a 1/4 acre in size. Lots of deer activity as well. Huge variation in topography in a small area.
	Hemlock	15	Log/Pole	10		Ва	lsam Fir	Medium	Variable	Sapling	2000 of door dournly do from Hogo variation in topography in a official droa.
No	rthern White Cedar	60	Log/Pole	10	115	Ta	ag Alder	Low	5 - 10 feet	Tall Shrub	
	Paper Birch	15	Pole	8						-	
121		- Aspen			Medium	7.6	4	Immature	N/A		-cut completed 10/21/15-left hemlock-some conifers and other trees were left at loggers discretion, will not affect regeneration of future cover
	Canopy Species		Size Class		H Age						type (<5 BA)
	Red Maple Bigtooth Aspen	70	Sapling Sapling	1	4						
123 Blace	4199 - Other Mixed Canopy Species Red Maple ck/Red (Hybrid) Oak		Size Class Sapling Sapling	' '		18.0	3	Immature	N/A		
	Bigtooth Aspen	10	Sapling	1							
124	42250 -	Pine, Oak	S		er Mediu	m 3.3	88	81-110	N/A		Retention from stand 114
	Canopy Species		Size Class		H Age		py Species	Density	Avg. Height	Size	
	Red Pine	60	Log	12			ed Maple	Medium	Variable	Sapling	
Blac	ck/Red (Hybrid) Oak	40	Log	10			d (Hybrid) Oa	ık Medium	Variable	Sapling	
						R	ed Pine	Low	Variable	Sapling	
	42250	Pine, Oak		Sawtim	ber Well		82	81-110	N/A		Some larger 20 inch pine and oak in the stand.
125											
125	Canopy Species	% Cover	Size Class		H Age	Cano	py Species	Density	Avg. Height	Size	
		% Cover 35	Size Class Log/Pole	DB			py Species ed Maple	Density Low	Avg. Height Variable	Sapling	
	Canopy Species					Re					
	Canopy Species ck/Red (Hybrid) Oak	35	Log/Pole	10	:	Re Ba	ed Maple	Low	Variable	Sapling Sapling Sapling	
	Canopy Species ck/Red (Hybrid) Oak White Pine	35 6	Log/Pole Log	10		Re Ba	ed Maple Ilsam Fir	Low Low	Variable Variable	Sapling Sapling	



Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	ite	General Comments
126	42210 - Nat	tural Red Pi	ne	Poletimbe	er Poor	14.0	49	1-50	N/A		Bald eagle was seen in roosting in this stand on the edge of stand 110.
	Canopy Species	% Cover	Size Class	s DBH	Age	Cano	py Species	Density	Avg. Height	Size	Codid flot find a flest.
	Red Pine	95	Pole/Log	9	49	Bigto	oth Aspen	Medium	Variable	Sapling	
						Re	ed Maple	Medium	Variable	Sapling	
						Black/Re	d (Hybrid) Oa	k Low	Variable	Sapling	
127	4310 - Pii	ne, Oak Mix	(Sawtimb	er Well	10.4	92	51-80	N/A		
	Canopy Species	% Cover	Size Class	s DBH	Age	Cano	py Species	Density	Avg. Height	Size	
	White Pine	15	Log	10		Black/Re	d (Hybrid) Oa	k Low	Variable	Sapling	
	Red Pine	40	Log	12	92	R	ed Pine	Low	Variable	Sapling	
Blad	k/Red (Hybrid) Oak	30	Log/Pole	10		Re	ed Maple	High	Variable	Sapling	
	Bigtooth Aspen	7	Pole	6							
128	3302 - Low Den	sity Conifer	Trees	Nonsto	cked	2.2	0	Unspecified	No		Has scotch pine encroaching in on this opening.
						Cano	py Species	Density	Avg. Height	Size	Lots of deer activity here as well.
						Sco	otch Pine	Medium	Variable	Sapling	
						Ja	ick Pine	Low	Variable	Sapling	
						R	ed Pine	Medium	Variable	Sapling	
						WI	nite Pine	Low	Variable	Sapling	
129	4133 - Aspe	en, Mixed Pi	ine	Sawtimb	er Well	10.3	90	51-80	N/A		Dense balsam, heavier to conifer and birch closer to the river as well as
	Canopy Species	% Cover	Size Class	s DBH	Age	Cano	py Species	Density	Avg. Height	Size	very steep slopes to the river.
	Red Maple	10	Pole/Log	9		Ва	lsam Fir	High	Variable	Sapling	
	Paper Birch	10	Pole	7		WI	nite Pine	Medium	Variable	Sapling	
	Bigtooth Aspen	50	Log	12	90		Beech	Trace	Variable	Sapling	
	White Pine	20	Pole	7				·			•
130	6112 - Lov	wland Aspe	n	Sawtimb	er Well	12.2	79	81-110	N/A		Upland type in center of stand and lowland on northern and southern edge of the stand.
	Canopy Species	% Cover	Size Class	s DBH	Age	Cano	py Species	Density	Avg. Height	Size	cage of the stand.
	Quaking Aspen	40	Log	11	79	Ва	Isam Fir	Full	Variable	Sapling	
	Red Maple	30	Log/Pole	10							
	Paper Birch	20	Pole	8							
131	6112 - Lov	wland Aspe	n F	Poletimber	Mediu	m 10.2	78	51-80	N/A		Too wet to harvest. Aspen is falling out.
	Canopy Species	% Cover	Size Class	s DBH	Age	Cano	py Species	Density	Avg. Height	Size	
	Red Maple	40	Pole	7	78	Ва	lsam Fir	High	Variable	Sapling	
	Paper Birch	15	Pole	7		Ta	ag Alder	High	5 - 10 feet	Tall Shrub	
	Quaking Aspen	40	Pole	8	78	Re	ed Maple	Medium	Variable	Sapling	
132	500 -	- Water		Nonsto	cked	1.0	0	Unspecified	No		River/creek



Stand	Level 4 Cover Type Size Density		Acres Stand Age BA Range			Managed S	Site	General Comments			
135	6117 - Lowland Con	Deciduous, iferous	Mixed S	Sawtimbe	Medium	15.5	78	51-80	N/A		Transition zone into a lowland. Very steep in spots and wet. Pit and mound characteristics as well in the flat parts.
	Canopy Species	% Cover	Size Class	DBF	l Age	Cano	py Species	Density	Avg. Height	Size	
	Red Maple	20	Pole/Log	9		Re	ed Maple	Low	Variable	Sapling	
	Paper Birch	20	Log/Pole	10		Ва	alsam Fir	High	Variable	Sapling	
I	Bigtooth Aspen	35	Log/Pole	10	78						
	Balsam Fir	20	Pole	8							
136	6113 - Lo	wland Maple	е	Poletimb	er Poor	20.0	68	1-50	N/A		Next to the Ocqueoc river. All ash is dead. Very wet.
	Canopy Species	% Cover	Size Class	DBF	I Age	Cano	py Species	Density	Avg. Height	Size	
	Red Maple	75	Pole	8	68	Т	ag Alder	High	5 - 10 feet	Tall Shrub	
(Quaking Aspen	15	Pole	6		Ва	alsam Fir	Low	Variable	Sapling	
						Re	ed Maple	Low	Variable	Sapling	
137	4319 - Mixed	d Upland Fo	rest	Sawtimb	er Well	6.4	76	51-80	N/A		Transition zone into the Ocqueoc River. Very steep.
	Canopy Species	% Cover	Size Class	DBH	I Age	Cano	py Species	Density	Avg. Height	Size	
(Quaking Aspen	50	Log	12	76	Re	ed Maple	Low	Variable	Sapling	
	Balsam Fir	35	Pole	9		Ва	alsam Fir	Medium	< 5 feet	Sapling	
Nor	rthern White Cedar	15	Pole	7				- '			
138	500	- Water		Nonsto	ocked	4.9	0	Unspecified	No		Ocqueoc River.
139	4130	- Aspen		Poletimb	er Well	5.5	33	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBF	I Age	Cano	py Species	Density	Avg. Height	Size	
	Red Maple	20	Pole	6		Ва	alsam Fir	Low	Variable	Sapling	
(Quaking Aspen	75	Pole	7	33						
141	6112 - Lo	wland Aspe	n	Saplino	g Well	26.0	13	Immature	N/A		EAB sale.
	Canopy Species	% Cover	Size Class	DBH	I Age						Some areas have bad rutting that are still present.
	Red Maple	10	Sapling	2							
(Quaking Aspen	85	Sapling	2	13						
142	6112 - Lo	wland Aspe	n F	Poletimbe	r Medium	8.7	64	51-80	N/A		Retention pockets from sale in stand 50.
	Canopy Species	% Cover	Size Class	DBF	I Age	Cano	py Species	Density	Avg. Height	Size	
	Red Maple	10	Pole	9		Ва	alsam Fir	Medium	Variable	Sapling	
(Quaking Aspen	55	Pole	9	64	T	ag Alder	Low	5 - 10 feet	Tall Shrub	
	Balsam Fir	15	Pole	8		Re	ed Maple	Low	Variable	Sapling	
	Black Spruce	15	Pole	9	_					*	•



Stand	Level 4 C	Cover Type		Size Density		Acres	Stand Age	BA Range	Managed S	iite	General Comments
144	4110 - Sugar M	4110 - Sugar Maple Association			Sawtimber Medium		87	51-80	N/A		single tree selection to 73 res. BA completed 10/01/15
	Canopy Species	% Cover	Size Clas	s DBH	H Age	Canopy Spec		Density	Avg. Height	Size	left area to N untreated due to small vernal ponds and unique pit and mound terrain
	Sugar Maple	98	Log	12	87		Beech	Low	Variable	Sapling	Almost completely sugar maple residual left.
				,		Ir	ronwood	Low	Variable	Sapling	
						Re	ed Maple	Trace	Variable	Sapling	
145	3102	- Grass		Nonsto	ocked	0.4	0	Unspecified	No		Old landing location.
146	4125 - Blac	k, N. Pin O	ak	Sawtimb	er Well	2.9	87	81-110	N/A		Transition zone into lowland. Very steep!
	Canopy Species	% Cover	Size Clas	s DBH	l Age	Cano	opy Species	Density	Avg. Height	Size	
Blac	k/Red (Hybrid) Oak	75	Log	11	87	Re	ed Maple	Medium	Variable	Sapling	
	Bigtooth Aspen	15	Log	10		Black/Re	ed (Hybrid) O	ak Low	Variable	Sapling	
						W	hite Pine	Low	Variable	Sapling	
147	122 - Road	d/Parking Lo	ot	Nonsto	ocked	0.8		Unspecified	No		Cheboygan Plains hwy
148	122 - Road	d/Parking Lo	ot	Nonst	ocked	0.9	0	Unspecified	No		US-23