

# **Compartment Review Presentation**

**Gaylord Forest Management Unit** 

Compartment 52204 Entry Year 2022 Acreage: 2,192

County Cheboygan

Management Area: Cheboygan Lake Plain

Revision Date: 2020-05-14

Stand Examiner: Tricia St. Pierre

**Legal Description:** 

T36N R01E, Grant Township

Sections 31: all except the NWNW; 32; 33; 34: W1/2, NWNE.

# **Identified Planning Goals:**

To provide for the protection, integrated management, and responsible use of a healthy, productive, and undiminished forest resource base for the social, recreational, environmental, and economic benefit of the State of Michigan and its residents (human and otherwise). To promote native species whenever and wherever appropriate and reasonable to coincide with multiple uses and management objectives across the landscape. Identification and implementation of appropriate Best Management Practices is of high importance for the protection of Black River, Black Lake, Mud Creek, and all other sensitive features found within and adjacent to this compartment.

# Soil and topography:

This compartment is dominated by sands (42%) and muck (38%) (also many combinations thereof), and, to a lesser yet still significant extent, loams (including mucky loams and sandy loams) and peat (9% each). Open water accounts for less than 2% of the surface area. Many soils are saturated seasonally if not longer, and are unclassified lowlands by Kotar mapping standards. The more regularly upland stands are dominated by sands and have largely been managed to sustain aspen with lesser amounts of red maple, oak, and mixed conifer. Lowland vegetation is influenced by its proximity to the Black River Floodplain. The lowlands furthest removed from the disturbed floodplain tend to support mixed conifers, dominated by spruce and cedar, occasionally pine. Lowlands affected by the floodplain are dominated by lowland hardwood, adapted to the dynamic floodplain system; the majority of soils associated with flowing water are consistently mucks.

Topography is very flat, <6% slope across much of the compartment. Only in a couple interfluve spots are there any kind of noticeable slopes (6-30% slope); natural levees.

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

This is a solid block of state land surrounded by residential lots to the east, large-block private ownership to the north, and predominately other state forest land to the west and south with a few scattered private 40-acre parcels. There are a few platted subdivisions in the private lands to the northeast. Black Lake and Black River receive various recreational pressures, including fishing and shoreline camping. Other activities within the compartment include hunting (and associated seasonal camps) and ORV/snowmobile use. ORVs and mudding trucks have created multiple RDRs.

### **Unique Natural Features:**

There is a Floodplain Forest ERA within this compartment, unique for its species richness (flora and fauna) and fluvial influences. The Floodplain provides unique habitat for numerous invertibrates, amphibians, reptiles, and migratory birds. Notable vegetation within this compartment includes the presence of bur oak, silver maple, buttonbush, chokeberry, swamp rose, and sweet gale.

There are multiple Element Occurrences (associated with MNFI) within and with potential to be found in this compartment, including Bald Eagle and Hill's Thistle. There are notable species within Black Lake itself.

Some of the lowland conifer complexes are characteristic of both Rich and Poor Conifer Swamps.

### Archeological, Historical, and Cultural Features:

There are no known Histocial, Archaeological, or Cultural features within this compartment, though potential exists, especially within close proximity to Black River, Black Lake, and Mud Creek.

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

There is a confirmed oak wilt site on private property within 4 miles of compartment. While oak is a minor component within this compartment, it is still important to make considerations where the resource could be affected. Floodplains are particularly susceptabile to invasion by nonnative species due in part to the mobility provided by water movement, but also because of the highly diverse habitats defining floodplains providing ample opportunity for niche colonization. For these reasons, management activities should be mindful of minimizing the spread of invasive species, and efforts should be made to identify and respond to invasive species, especially within the Floodplain ERA.

### Watershed and Fisheries Considerations:

This compartment includes Mud Creek, the Black River, and local tributaries. There are interesting fluvial features observed during inventory.

T36N, R01E, Sec. 31-34

Fisheries concerns: This compartment contains a portion of the Upper Black River from just downstream of Red Bridge Road to near the mouth of the river. This portion of the river is an important migration corridor for the state threatened lake sturgeon. The prescribed treatments appear to be appropriate for the protection of this waterbody.

## Wildlife Habitat Considerations:

The mix of lowlands and upland ridges adjacent to Black Lake make this compartment suitable for furbearers like beaver and otter, waterfowl such as wood duck, and other species that require a mix of lowland and upland. Upland types are primarily aspen and are suitable for woodcock and grouse.

## Mineral Resource and Development Concerns and/or Restrictions

Section 1, T35N-R1W and sections 4-6, T35N-R1E and section 36, T36N-R1W and sections 31-34, T36N-R1E, Cheboygan County

Active sand/gravel pits exist in the area, but the closest is more than three miles away. Sand & gravel potential within the compartment appears to be limited. There is no known proven oil & gas potential in this area and no current leasing activity. There is no known metallic mineral potential in this part of the state. The state does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, reasonable access to the surface must be provided to private owners if they choose to explore or develop their mineral rights.

The State does own mineral rights outside of the compartment within Sec 34 SWNE.

### **Vehicle Access:**

Existing infrastructure is low quality; limited by water features/lowlands. Dump Road is the main E-W access route and is unpassable by possibly all traffic, except a monster truck. Local residents have complained about the condition of the road and the types of users it attracts. Attempted access by vehicles (recreational and otherwise) has created more than a few RDRs within this compartment. For these reasons and with acknowledgement of Unique Natural Features within this compartment, it is not recommended that infrastructure be developed beyond what is already present.

## **Survey Needs:**

No surveys required for forest management activities.

# **Recreational Facilities and Opportunities:**

There is a Boat Access Site to the Black River off Five Mile Point.

There are no developed recreational trails within this compartment, but it is still visited by wheeled and tracked motorized vehicles. The Black River receives a lot of use and there are numerous unofficial camps (hunting and recreational campsites) scattered along the banks of the river and elsewhere in the compartment.

It would not be wise to further develop access and recreational opportunities within this compartment given the soils, hydrology, and unique resources herein.

### **Fire Protection:**

There are very few volatile covertypes within this compartment, though there are many communities adapted to stand-replacing historical fires on a one hundred or more year recurrence interval. Fire plays a very important role in natural regeneration and in some cases returning acreage into lowland shrub types that have converted since the last major fire. Jack pine is present in variable amounts, often intermixed with other conifers, occasionally present in dense patches. Fire protection would be somewhat difficult in this compartment if for no other reason than very poor infrastructure. There are very few roads, and even fewer roads passable by a standard vehicle or larger. Even access to water is somewhat limited with the nearest reliable access points being at the Black River off Red Bridge Road and east to Black Lake.

## **Additional Compartment Information:**

There have been quite a few covertype changes in the past decade due to mortality of ash in the wake of Emerald Ash Borer (EAB). While ash remains a component in these stands, it is likely that it will not again be a dominant covertype unless there are effective EAB control/eradication efforts. While there are a few lingering ash in the canopy, it has become and is destined to remain a subcanopy species preferred by deer.

The following reports from the Inventory are attached:

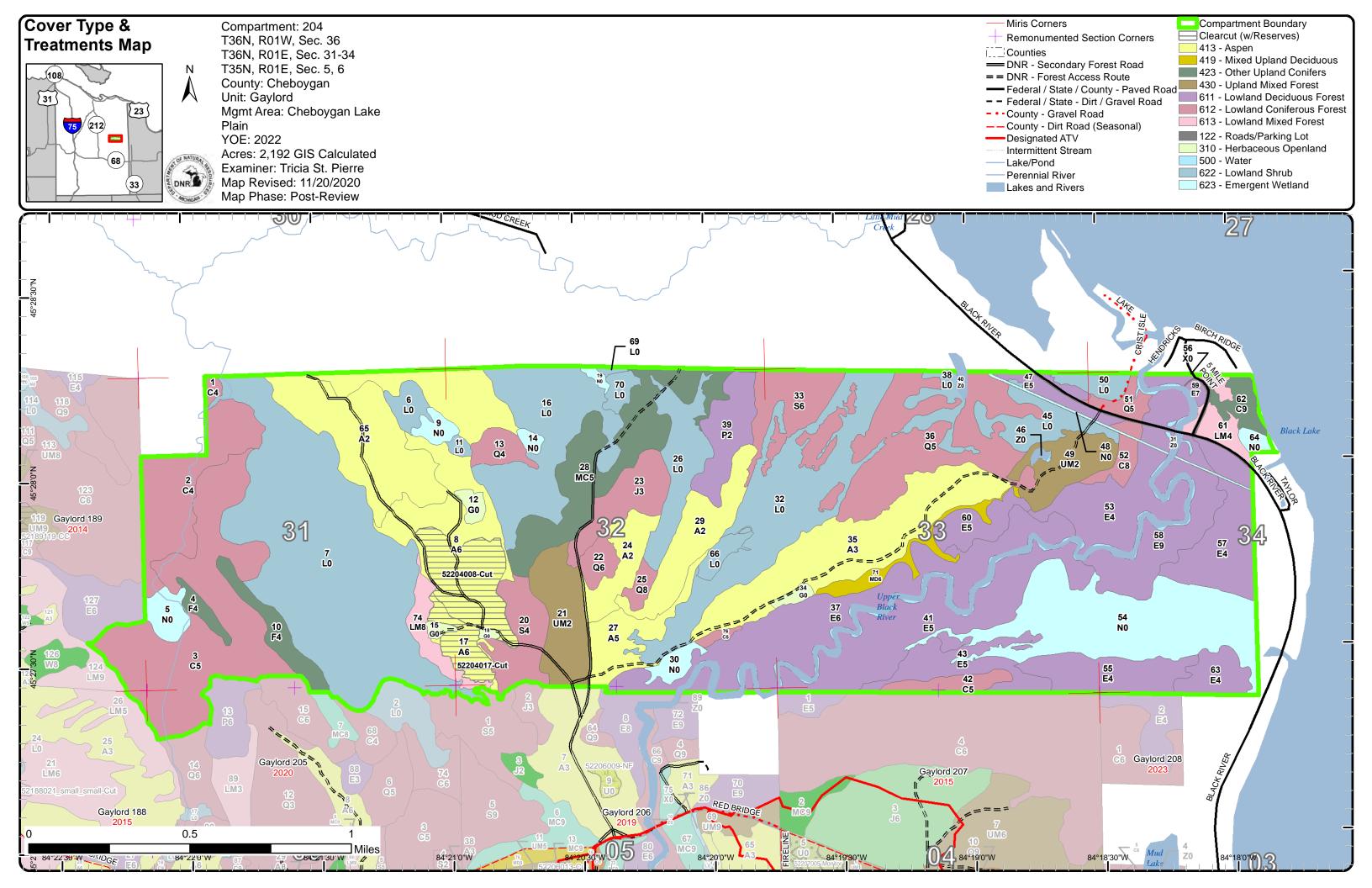
Total Acres by Cover Type and Age Class Cover Type by Harvest Method Proposed Treatments – No Limiting Factors Proposed Treatments – With Limiting Factors Stand Details (Forested and Nonforested) Dedicated and Proposed Special Conservation Areas Site Condition Details

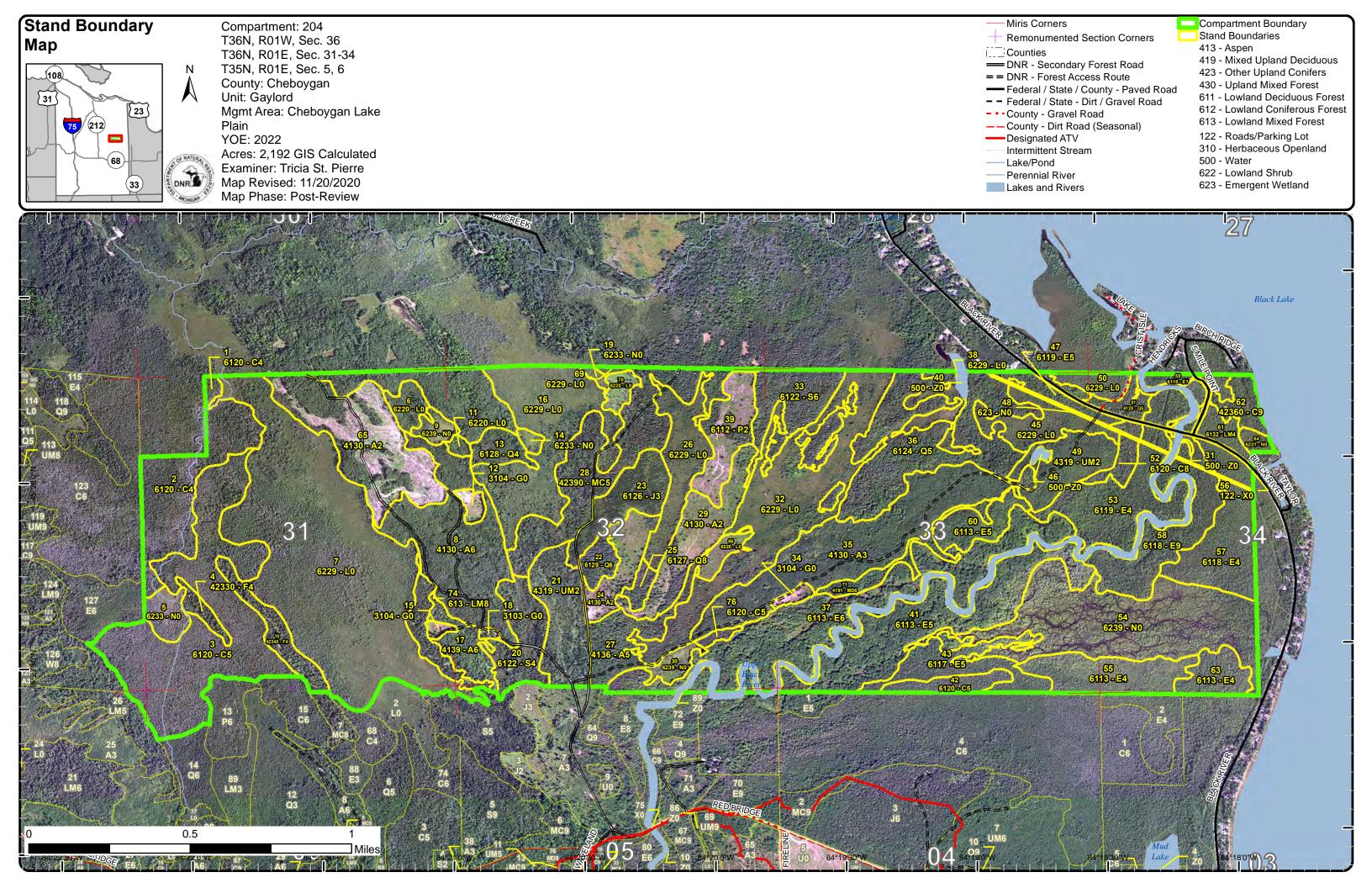
The following information is displayed, where pertinent, on the attached compartment maps:

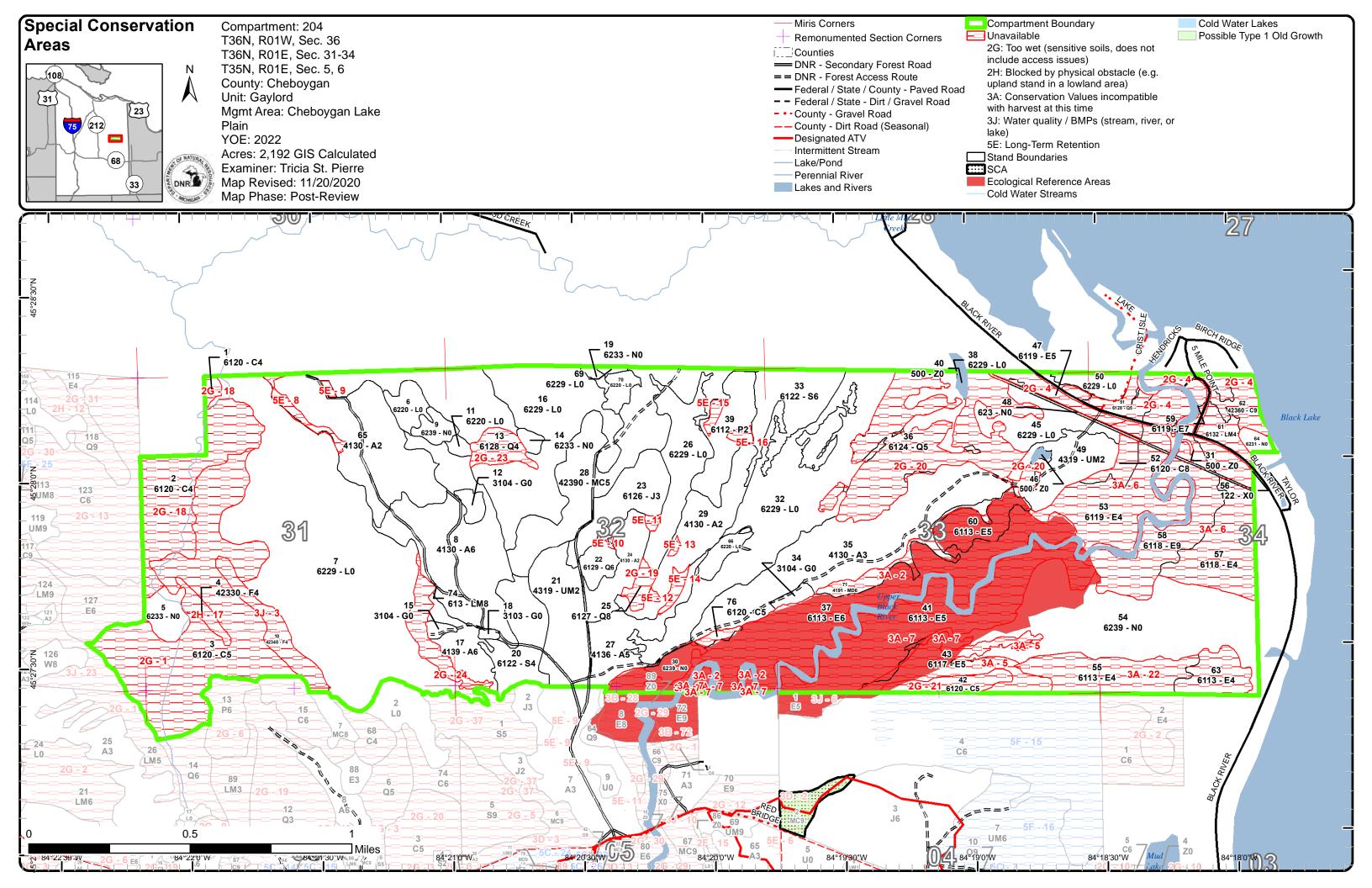
Base feature information, stand boundaries, cover types, and numbers

Proposed treatments
Site condition boundaries

Details on the road access system







Gaylord Mgt. Unit

Tricia St. Pierre : Examiner

Compartment 204 Year of Entry 2022



# Age Class

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Aspen	0	131	0	0	91	159	0	0	0	0	0	0	0	0	0	0	0	0	379
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	217	221
Herbaceous Openland	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Jack Pine	0	0	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27
Lowland Aspen/Balsam Poplar	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27
Lowland Conifers	0	0	0	0	0	0	0	0	22	0	0	0	11	0	0	0	0	88	120
Lowland Deciduous	0	0	0	0	0	0	17	0	11	111	45	225	0	0	0	0	0	29	438
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	13	14	0	0	0	0	0	0	27
Lowland Shrub	504	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	504
Lowland Spruce/Fir	0	0	0	0	0	0	41	28	0	0	0	0	0	0	0	0	0	0	69
Marsh	151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	151
Mixed Upland Deciduous	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72	72
Upland Mixed Forest	0	0	0	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65
Upland Spruce/Fir	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	17	23
Urban	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Water	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
Total	711	158	0	105	91	159	64	28	33	111	58	239	14	3	0	0	0	423	2192



# **Report 2 – Treatment Summary**

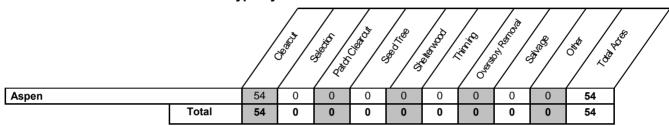
# Gaylord Mgt. Unit Year of Entry: 2022

### **Acres of Harvest**

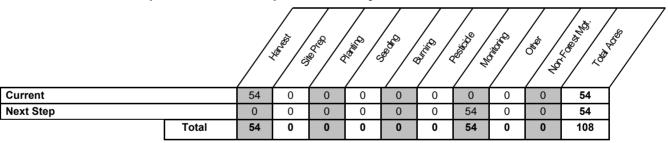
Compartment 204
Total Compartment Acres: 2,192

Commercial Harvest - 54 Harvests with Site Condition - 0 Next Step Harvest - 0 Habitat Cut - 0

# **Cover Type by Harvest Method**



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





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

### **Approved Treatments:**

8	52204008-Cut	39.3	4130 - Aspen	Poletimber	42	81-110	Harvest	Clearcut with	413 - Aspen	Even-Aged	No
				Well				Retention			

Prescription Final harvest following retention guidelines. Areas adjacent to lowlands should observe appropriate BMPs. Do not cut any incidental species. Mark a minimum of 5 clumps of trees (one to five trees per clump, preferring conifer) to be hinge cut and/or jackstrawed to create hare Specs:

habitat adjacent to lowlands.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable regeneration will meet minimum stocking requirements for aspen. The inclusions of conifer and other deciduous species at any <u>Acceptable</u> Regen: stocking level will be acceptable as well.

There are many areas still heavy to sapling. Consider a 4" spec or exclude these areas from harvest. The intent is to begin to balance aspen Other

age classes in this compartment. Comment:

Incidental species may include red pine, white pine, spruce, and oak.

Site Condition

Proposed Start Date: 10/1 /2021

17	52204017-Cut	14.9	4139 - Aspen,	Poletimber	47	51-80	Harvest	Clearcut with	413 - Aspen	Even-Aged	No
			Mixed Deciduous	Well				Retention			

Prescription Final harvest following retention guidelines. Areas adjacent to lowlands should observe appropriate BMPs. Do not cut any incidental species. Mark a minimum of 3 clumps of trees (one to five trees per clump, preferring conifer) to be hinge cut and/or jackstrawed to create hare Specs:

habitat adjacent to lowlands.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Acceptable regeneration will meet minimum stocking requirements for aspen. The inclusion of conifer and other deciduous species at any stocking level will also be acceptable. Regen:

Focus retention along west/southwest edge, around deteriorating aspen unless a more appropriate place is found during timber sale prep. **Other** 

Incidental species may include red pine, white pine, spruce, cedar, and oak. Comment:

Site Condition

Proposed Start Date: 10/1 /2021

**Total Treatment** Acreage Proposed:

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Availa	ability for	Managemer	nt						
Total	Acres	Acres Avail	Acres	D	omina	nt Site	e Cond	dition	S
Acres	Available	With Condition	Not Available		2G	2H	ЗА	3J	5E
379	368	0	12	Aspen	0		0		11
222	0	0	221	Cedar	210		12	0	
11	11	0	0	Herbaceous Openland					
27	27	0	0	Jack Pine					
27	23	0	4	Lowland Aspen/Balsam Poplar					4
120	8	0	112	Lowland Conifers	109		2		1
438	2	0	437	Lowland Deciduous	24		413		
27	0	0	27	Lowland Mixed Forest	27				
504	500	0	4	Lowland Shrub	3			0	0
69	69	0	0	Lowland Spruce/Fir	0				
150	148	0	2	Marsh			2		
13	2	0	11	Mixed Upland Deciduous			11		
72	72	0	0	Upland Conifers					
65	65	0	0	Upland Mixed Forest			0		
23	1	0	22	Upland Spruce/Fir		6		16	
5	5	0	0	Urban	0		0		
40	39	0	0	Water	0		0		
2,192	1,340		852	Total Forested Acres	374	6	440	16	16
	61%		39%	Relative Percent					

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

Site Dominant Site No. Cond Availability	Dominant Site Condition	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)	130	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified

## Comments:

Stand was evaluated for SBW Salvage. Stand examiner had concerns over regeneration, access, and soil sensitivity. He did not think this was an appropriate stand to treat.

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2	Unavailable	3A: Conservation Values incompatible with harvest at this time	133	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Floodplain Forest I	Natural Community					
3	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	17	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	56	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	Unavailable	3A: Conservation Values incompatible with harvest at this time	30	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
6	Unavailable	3A: Conservation Values incompatible with harvest at this time	148	1A: Federal/State/Local Law	Unspecified	Unspecified	Unspecified
	Comments:						
7	Unavailable	3A: Conservation Values incompatible with harvest at this time	80	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

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8	Unavailable	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
9	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
10	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
11	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
12	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
13	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
14	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
15	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
44/00/0	020 11:51:50 AM	20 2 of E					SWADTZN

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	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
17	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6	Unspecified	Unspecified	Unspecified	Unspecified
Α	omments: small stand which se surrounding sta	n appears to be surrounded by nds.	a significa	ant area of low ground. I	Previous stand examiner w	as concerned about the we	et, sensitive soils in
18	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	57	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
19	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
20	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	88	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
21	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						

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22	Unavailable	3A: Conservation Values incompatible with harvest at this time	50	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
(	Comments:						
23	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: _owland corridor						
24	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
	Comments: Stand is a transitio	n zone between upland and low	land an	nd is likely to convert to a mixe	ed low density trees/low	and shrub stand if harveste	d.

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Mgt. Unit

Compartment: #Type! Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Comments				

Gaylord Mgt. Unit Compartment: 204
Year of Entry 2022



# 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.

Conservati 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 by 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
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 (ra threatened (2), or rare (3) serve as an initial base of ERAs. They the State. The system is comprised of individual or associations managed for restoration and maintenance of natural ecological p submit recommendations for lands as ERAs using the DNR Constitutions.	al Features Inventory (MNFI) within the toccurrences with viability ranks of A urity) ranking of endangered (1), may be located upon any ownership in of natural community types that are processes and values. The public may

Gaylord Mgt. Unit



Stan	d Level 4 C	over Type	s	ize D	ensity	Acres	Stand Age E	BA Range	Managed \$	Site	General Comments
1	6120 - Lo	wland Ceda	ar Po	letimb	er Poor	2.5	120	171-200	N/A		
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Balsam Poplar	5	Pole	7		Ва	Isam Fir	Medium	Variable	Sapling	
	Black Spruce	5	Pole/Log	9		Northerr	White Cedar	Low	Variable	Sapling	
N	orthern White Cedar	90	Pole/Sapling	7	120						
2	6120 - Lo	wland Ceda	ar Po	letimb	er Poor	54.9	115	171-200	N/A		-wet-0-1ft standing water
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	-pockets of high and low Cedar mortality within interior of stand and around stand edges due to increasing wetness from creek adjacent and
	Balsam Fir	8	Pole	7		Ва	lsam Fir	Medium	Variable	Sapling	within stand
	Black Spruce	11	Pole/Log	7		Northerr	White Cedar	Medium	Variable	Sapling	-a fair amount of canopy trees are lacking in live crown vigor and are
N	orthern White Cedar	73	Pole/Sap/Log	7	115	Bla	ack Ash	Low	Variable	Sapling	starting to show partial dieback -less Cedar and Black Spruce mortality towards the west portion of star
	Tamarack	8	Pole/Log	8			Alder	Medium	Variable	Tall Shrub	less dedar and black oprace mortality towards the west portion of sta
3	6120 - Lo	wland Ceda	ar Pole	etimbe	r Mediu	m 129.8	131	81-110	N/A		-wet-0-1/2ft standing water  -some of the larger Black Spruce are starting to die out in the overstory
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	-pockets of Cedar blowdown
	Paper Birch	2	Pole	6		Ва	lsam Fir	High	Variable	Sapling	2020 remote call comments: EAB has come through Michigan since th
	Balsam Poplar	5	Pole/Log	9		Northern	White Cedar	Medium	Variable	Sapling	previous inventory, decimating the ash component in the canopy. Ther are very few lingering ash in the canopy, most of which are sapling/pole
	Balsam Fir	25	Pole/Sapling	7	55		ack Ash	Medium	Variable	Sapling	escapees and have recruited from the subcanopy since the wave of
	Black Spruce	8	Pole/Log	9			Alder	Low	Variable	Tall Shrub	mortality.
N	orthern White Cedar	58	Pole/Sap/Log	7	131						
	Black Ash	2	Sapling/Pole	4							
4	42330 -	Upland Fir	Po	letimb	er Poor	6.0	53	1-50	N/A		-narrow strip of higher ground, considered upland
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	13	Log/Pole	11		Re	ed Maple	Low	Variable	Sapling	
	Paper Birch	2	Pole/Log	8		Ва	lsam Fir	Medium	Variable	Sapling	
	Balsam Fir	67	Pole/Sapling	7	53		Alder	Low	Variable	Tall Shrub	
	White Spruce	8	Log	14	86						
N	orthern White Cedar	10	Log/Pole	11							
5	6233 - W	et Meadow	1	Nonst	ocked	11.0			No		-cedar has died out in the overstory due to a water table rise -a beaver dam to the NW of the stand is most likely the cause of cedar mortality



Stand	Level 4 Cover Type	Size Density	Acres Stand Age B	A Range	Managed	Site	General Comments
6	6220 - Alder/willow	Nonstocked	8.7 Uı	nspecified	No		Two parallel ridges running NW-SE of slightly higher ground than rest of
			Sub-Canopy Species	Density	Avg. Height	Size	stand, supporting pole/log/sap fir, aspen, birch, spruce, oak, maple, and cherry. The rest of the stand is inundated willow with lesser amounts of
			Quaking Aspen	Low	Variable	Pole	dogwood (browsed) and alder. Scattered saplings in thickets. Prominent
			Willow spp.	High	10 - 20 feet	Tall Shrub	drainage in southern tip.
			Balsam Fir	Low	Variable	Sapling	
			Alder	Low	Variable	Tall Shrub	
			White Spruce	Trace	>20 feet	Log	
			White Oak	Trace	10 - 20 feet	Sapling	
			Paper Birch	Trace	>20 feet	Pole	
			Michigan Holly	Trace	5 - 10 feet	Tall Shrub	
			Red Maple	Trace	Variable	Sapling	
			Cattail spp.	Trace	Unspecified	Non-Wood	
			Northern Pin Oak	Trace	Variable	Sapling	
			Black Cherry	Trace	>20 feet	Pole	
			Hawthorn (spp.)	Trace	< 5 feet	Tall Shrub	
			Balsam Poplar	Low	Variable	Sapling	
			Red Osier Dogwood	Medium	Variable	Tall Shrub	
7	6229 - Mixed lowland shrub	Nonstocked	224.0 Ui	nspecified	No		Stand data gathered from multiple observations along perimeter. Alder,
			Sub-Canopy Species	Density	Avg. Height	Size	willow, labrador tea, and michigan holly appear to be prominent components from an edge view. Trace hawthorn present (saw one small
			Labrador Tea	Medium	< 5 feet	Tall Shrub	shrub). Evidence of cutting on perimeter; some fire scars. Scattered
			Red Osier Dogwood	Trace	< 5 feet	Tall Shrub	spruce, larch, fir, cedar within the shrub thicket.
			Alder	Medium	Variable	Tall Shrub	A lot of variability in tree size classes, especially from perimeter to interior.
			Northern White Cedar	Low	>20 feet	Log	
			Willow spp.	Medium	Variable	Tall Shrub	
			Leatherleaf	Low	< 5 feet	Tall Shrub	
			Black Spruce	Trace	Variable	Sapling	
			Phragmites (native)	Trace	Unspecified	Non-Wood	
			White Spruce	Trace	>20 feet	Log	
			Tamarack	Trace	Variable	Sapling	
			Serviceberry (Juneberry)	Trace	Variable	Sapling	
			Michigan Holly	Medium	5 - 10 feet	Tall Shrub	
			Red Maple	Trace	>20 feet	Pole	
			Wild Raisin	Low	5 - 10 feet	Tall Shrub	
			Ougling Asses	Trace	>20 feet	Log	
			Quaking Aspen			9	
			Paper Birch	Low	>20 feet	Sapling	



Stand	Level 4 Co	over Type	Si	ize De	nsity	Acres	Stand Age B	A Range	Managed	Site	General Comments
8	4130 -	- Aspen	Ро	letimb	er Well	l 115.9	42	81-110	N/A		Harvested in 1978 (approx. 55% aspen, 25% hardwood, and 20% balsar
Ca	anopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	fir), contract #82-73A; clearcut 145 acres (which has subsequently been broken up into separate age classes).
Qu	uaking Aspen	73	Pole/Sap/Log	6	42	Ва	Isam Fir	High	Variable	Sapling	Trace white spruce, white pine, and red pine present in canopy. Trace
Big	gtooth Aspen	15	Pole/Log	8		Blac	ck Cherry	Trace	Variable	Sapling	white oak and white pine present in subcanopy. The majority of the stand
I	Red Maple	3	Pole/Sapling	5		Re	d Maple	Low	Variable	Sapling	has graduated into a pole size class, though there are areas of heavy sapling concentrations yet
I	Balsam Fir	5	Pole/Sap/Log	6		Whit	te Spruce	Trace	< 5 feet	Sapling	Trace sweet fern and hazelnut in some of the more open areas; tiny
F	Paper Birch	3	Sapling/Pole	4		Pap	oer Birch	Trace	>20 feet	Sapling	amount of pin cherry, too. Few scattered dead ash. East edge of stand
Ва	alsam Poplar	1	Pole/Log	8		Wh	hite Ash	Trace	>20 feet	Sapling	gets a little wet - some areas pick up alder, spruce. Trace black ash, willow, spruce, BAM transitioning into stand 16.
						Wil	d Raisin	Low	5 - 10 feet	Tall Shrub	More bigtooth aspen in the northeast. Few scattered black cherry. One
						Hazelnu	ıt (American)	Low	5 - 10 feet	Tall Shrub	
						Northe	ern Pin Oak	Trace	Variable	Sapling	Northernmost nearly separated portion of stand is slightly wetter and has more balsam fir canopy occupation and slightly more paper birch, white
						Balsa	am Poplar	Trace	10 - 20 feet	Sapling	spruce, and oak. Slightly smaller aspen diameters and more topographic
						Servicebe	erry (Juneberry)	Trace	Variable	Sapling	variations. Low pocket containing cedar. Trace ironwood, ash in north/west tip of stand.
•	6220 Mixed E	morgont W	/otland N	Jonata	akad	6.1	111	apposition	No		Old dam, mud but an acuth and of stand. Western fingers transition into
9	6239 - Mixed Er	mergent W	etland N	Nonsto	ocked	6.1		nspecified	No Ava Height	Si-a	Old dam, mud hut on south end of stand. Western fingers transition into lowland shrub stand.
9	6239 - Mixed Er	mergent W	etland N	Nonsto	ocked	Sub-Car	nopy Species	Density	Avg. Height	Size	
9	6239 - Mixed Er	mergent W	etland N	Nonsto	ocked	Sub-Car	nopy Species ttail spp.	<b>Density</b> Medium	Avg. Height Unspecified	Non-Wood	
9	6239 - Mixed Er	mergent W	etland N	Nonsto	ocked	Sub-Car Car Wil	nopy Species ttail spp. low spp.	Density  Medium  Medium	Avg. Height Unspecified 10 - 20 feet	Non-Wood Tall Shrub	
9	6239 - Mixed Er	mergent W	etland N	Nonsto	ocked	Sub-Car Car Wil	nopy Species ttail spp.	<b>Density</b> Medium	Avg. Height Unspecified	Non-Wood	
9	6239 - Mixed Er 42340 - Upla				ocked	Sub-Car Car Wil Red Os	nopy Species ttail spp. low spp.	Density  Medium  Medium	Avg. Height Unspecified 10 - 20 feet	Non-Wood Tall Shrub Tall Shrub	
10		and Spruce		letimb		Sub-Car Car Will Red Os	nopy Species ttail spp. low spp. ier Dogwood	Density  Medium  Medium  Medium	Avg. Height Unspecified 10 - 20 feet 5 - 10 feet	Non-Wood Tall Shrub Tall Shrub	lowland shrub stand.
10 Ca	42340 - Upla	and Spruce	/Fir Po	letimb	er Poor	Sub-Cai  Caf  Will  Red Os  17.0  Sub-Cai	nopy Species ttail spp. low spp. ier Dogwood	Density Medium Medium Medium 1-50	Avg. Height Unspecified 10 - 20 feet 5 - 10 feet N/A	Non-Wood Tall Shrub Tall Shrub	lowland shrub stand.
10 Ca	42340 - Upla anopy Species	and Spruce % Cover	/Fir Po Size Class	letimb <b>DB</b> H	er Poor	Sub-Cai  Cat  Will  Red Os  17.0  Sub-Cai	nopy Species ttail spp. low spp. ier Dogwood  74 nopy Species	Density  Medium  Medium  Medium  1-50  Density	Avg. Height Unspecified 10 - 20 feet 5 - 10 feet N/A Avg. Height	Non-Wood Tall Shrub Tall Shrub	lowland shrub stand.
10 Ca	42340 - Upla anopy Species Red Maple	and Spruce  **Cover**  8	/Fir Po Size Class Pole/Log/Sap	letimb  DBH	er Poor	Sub-Car  Cat Will  Red Os  17.0  Sub-Car  Ba  Whit	nopy Species ttail spp. low spp. ier Dogwood 74 nopy Species Isam Fir	Density  Medium  Medium  Medium  1-50  Density  Low	Avg. Height Unspecified 10 - 20 feet 5 - 10 feet N/A Avg. Height Variable	Non-Wood Tall Shrub Tall Shrub Size Sapling	lowland shrub stand.
10 Ca	42340 - Upla anopy Species Red Maple Paper Birch	and Spruce  **Cover*  8 5	Fir Poisse Class Pole/Log/Sap Log/Pole	DBH 9 11	er Poor	Sub-Car  Cat Will  Red Os  17.0  Sub-Car  Ba  Whit	nopy Species ttail spp. low spp. ier Dogwood  74 nopy Species Isam Fir te Spruce	Density  Medium  Medium  Medium  1-50  Density  Low  Low	Avg. Height Unspecified 10 - 20 feet 5 - 10 feet N/A Avg. Height Variable Variable	Non-Wood Tall Shrub Tall Shrub Size Sapling Sapling	lowland shrub stand.
10 Ca	42340 - Upla Canopy Species Red Maple Paper Birch Balsam Fir	and Spruce  **Cover**  8   5   31	Size Class Pole/Log/Sap Log/Pole Pole/Sap/Log Log/Pole Pole/Sap/Log	DBH   9   11   8	er Poor	Sub-Car  Cat Will  Red Os  17.0  Sub-Car  Ba  Whit	nopy Species ttail spp. low spp. ier Dogwood  74 nopy Species Isam Fir te Spruce	Density  Medium  Medium  Medium  1-50  Density  Low  Low	Avg. Height Unspecified 10 - 20 feet 5 - 10 feet N/A Avg. Height Variable Variable	Non-Wood Tall Shrub Tall Shrub Size Sapling Sapling	lowland shrub stand.
10 Ca	42340 - Upla anopy Species Red Maple Paper Birch Balsam Fir Vhite Spruce	and Spruce  **Cover*  8 5 31 13	Size Class Pole/Log/Sap Log/Pole Pole/Sap/Log Log/Pole	DBH   9   11   8   12	er Poor	Sub-Car  Cat Will  Red Os  17.0  Sub-Car  Ba  Whit	nopy Species ttail spp. low spp. ier Dogwood  74 nopy Species Isam Fir te Spruce	Density  Medium  Medium  Medium  1-50  Density  Low  Low	Avg. Height Unspecified 10 - 20 feet 5 - 10 feet N/A Avg. Height Variable Variable	Non-Wood Tall Shrub Tall Shrub Size Sapling Sapling	lowland shrub stand.
10 Ca	42340 - Upla Fanopy Species Red Maple Paper Birch Balsam Fir Vhite Spruce	8 5 31 13 29	Size Class Pole/Log/Sap Log/Pole Pole/Sap/Log Log/Pole Pole/Sap/Log	DBH   9   11   8   12   7	er Poor	Sub-Car  Cat Will  Red Os  17.0  Sub-Car  Ba  Whit	nopy Species ttail spp. low spp. ier Dogwood  74 nopy Species Isam Fir te Spruce	Density  Medium  Medium  Medium  1-50  Density  Low  Low	Avg. Height Unspecified 10 - 20 feet 5 - 10 feet N/A Avg. Height Variable Variable	Non-Wood Tall Shrub Tall Shrub Size Sapling Sapling	lowland shrub stand.

# Report 7 - Stands



Stand	Level 4 C	over Type	s	ize De	nsity	Acres	Stand Age E	BA Range	Managed S	Site	General Comments
12	3104 -	Degraded	1	Nonsto	cked	4.2	ι	Inspecified	No		1 willow shrub, 5-10'. Scattered mullein.
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						Servicebe	erry (Juneberry	) Trace	Variable	Sapling	
						Pa	per Birch	Trace	>20 feet	Pole	
						Hazeln	ut (American)	Trace	< 5 feet	Tall Shrub	
						Qual	king Aspen	Trace	Variable	Sapling	
						Ta	amarack	Low	>20 feet	Sapling	
						R	ed Pine	Trace	10 - 20 feet	Sapling	
						Bigto	ooth Aspen	Low	Variable	Sapling	
						North	ern Pin Oak	Trace	10 - 20 feet	Sapling	
						W	hite Pine	Trace	10 - 20 feet	Pole	
						Bals	am Poplar	Trace	< 5 feet	Sapling	
						Ва	alsam Fir	Low	Variable	Sapling	
						Blackbe	erry/Raspberry	Low	< 5 feet	Tall Shrub	
						Bra	cken Fern	Low	Unspecified	Non-Wood	
						Whi	ite Spruce	Trace	Variable	Sapling	
						Spotte	d Knapweed	Full	Unspecified	Non-Wood	
						Bla	ck Cherry	Low	Variable	Sapling	
13	6128 - Lowland Dec	Coniferous iduous	, Mixed Po	letimb	er Pooi	r 10.5	115	1-50	N/A		-wet-0-1/2ft standing water -some log-sized Cedar trees falling into the general canopy making gaps
Ca	nopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	for regenerating Black Ash significant log-sized Quaking Aspen blowdown along NW perimeter of
	Red Maple	8	Pole/Sapling	7	50	Ba	alsam Fir	Medium	Variable	Sapling	stand
Qı	aking Aspen	12	Log/Pole	14		ВІ	ack Ash	High	Variable	Sapling	Remote call: significant ash mortality in the wake of EAB. This stand
Ва	Isam Poplar	5	Pole/Log	8			Alder	Low	Variable	Tall Shrub	appears to be somewhat striated or clumpy.
I	Balsam Fir	25	Pole	6				,			•
North	ern White Cedar	45	Log/Pole	10	115						
14	6233 - W	et Meadow	, 1	Nonsto	cked	2.7			No		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age B	A Range	Managed	Site	General Comments
15	3104 - Degraded	Nonstocked	2.3	U	nspecified	No		One sapling tamarack on the southeast edge of stand. Scattered various
			Sub-Car	nopy Species	Density	Avg. Height	Size	tree species. Clumpy sweet fern. Mullein present in low density. Per classification key, this types out as degraded, otherwise bracken and
			Brac	ken Fern	Medium	Unspecified	Non-Wood	sweet fern are the most prominent species. Oak, fir, and maple present
			Spotted	Knapweed	High	Unspecified	Non-Wood	in various size classes.
			White	e Spruce	Trace	Variable	Sapling	
			Northe	rn Pin Oak	Trace	Variable	Sapling	
			Quaki	ing Aspen	Trace	Variable	Sapling	
			Wh	ite Oak	Trace	>20 feet	Pole	
			Blac	k Cherry	Trace	>20 feet	Sapling	
			Swe	eet Fern	Medium	< 5 feet	Tall Shrub	
			Bal	sam Fir	Low	Variable	Sapling	
			Will	low spp.	Trace	Variable	Tall Shrub	
			Balsa	am Poplar	Low	Variable	Sapling	
			Red	d Maple	Trace	>20 feet	Log	
16	6229 - Mixed lowland shrub	Nonstocked	77.3	U	nspecified	No		Scattered dead ash. Alder cut in northeast was separated out. Some
			Sub-Car	nopy Species	Density	Avg. Height	Size	portions of the stand support lowland conifers, as observed from the edge. Eastern finger is lightly forested (20% canopy) with QA, BF, PB,
			F	Alder	Full	5 - 10 feet	Tall Shrub	
			Quaki	ing Aspen	Low	>20 feet	Pole	
			Tai	marack	Trace	>20 feet	Pole	
			Bal	sam Fir	Low	Variable	Sapling	
			Phragm	ites (native)	Trace	Unspecified	Non-Wood	
			Red	d Maple	Trace	>20 feet	Pole	
			В	ulrush	Low	Unspecified	Non-Wood	
			Will	low spp.	Low	Variable	Tall Shrub	
			Michi	gan Holly	Medium	5 - 10 feet	Tall Shrub	
			Blac	k Spruce	Low	Variable	Sapling	
			Red Osi	er Dogwood	Low	Variable	Tall Shrub	



Stand	Level 4 Co	over Type	s	ize De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
17	4139 - Aspen,	Mixed Deci	duous Po	oletimb	er Wel	l 16.5	47	51-80	N/A		Trace amounts of black spruce (in south), cedar (far north tip), pin oak,
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	and red pine in canopy. Scattered dead ash, paper birch. Southeast is particularly wet. Southern portion of stand has lower stocking; areas of
	Red Maple	25	Pole/Log/Sap	6			berry/Cranberr	y Medium	< 5 feet	Tall Shrub	
(	Quaking Aspen	55	Pole/Log/Sap	6	47	Bals	sam Fir	High	Variable	Sapling	1974/1975 clearcut. Observed one pole elm.
Е	Bigtooth Aspen	2	Pole/Log	8		White	e Spruce	Trace	Variable	Sapling	2010 Comment apply: -understory is heavy to balsam fir
	Balsam Fir	12	Pole/Sap/Log	6		Hazelnut	(American)	Trace	5 - 10 feet	Tall Shrub	-older Quaking Aspen to the south end of stand with Bigtooth Aspen nea
	White Spruce	2	Log/Pole	12		P	lder	Low	Variable	Tall Shrub	opening to the north
	White Pine	1	XLog/Log	19	75	Michi	gan Holly	Trace	5 - 10 feet	Tall Shrub	-wet toward south end of stand -log-sized Quaking Aspen at southern-most portion of stand, occupies
	Paper Birch	3	Pole/Log/Sap	6		Northe	n Pin Oak	Low	Variable	Sapling	about 25% of stand
						Wild	l Raisin	Medium	5 - 10 feet	Tall Shrub	
						Pap	er Birch	Trace	>20 feet	Sapling	
						Wh	te Oak	Trace	< 5 feet	Sapling	
						Black	Spruce	Trace	< 5 feet	Sapling	
18	3103 - R	Rubus-Fern		Nonst	ocked	1.3	Ur	nspecified	No		
						Sub-Can	opy Species	Density	Avg. Height	Size	
						Black	Spruce	Trace	< 5 feet	Sapling	
						Re	d Pine	Trace	>20 feet	Pole	
						Red	l Maple	Low	Variable	Sapling	
						Quaki	ng Aspen	Trace	10 - 20 feet	Sapling	
						Northe	n Pin Oak	Low	Variable	Sapling	
						Brack	ken Fern	High	Unspecified	Non-Wood	
						Swe	et Brier	Medium	< 5 feet	Tall Shrub	
						Bigtoo	th Aspen	Medium	>20 feet	Pole	
						Bals	sam Fir	Medium	Variable	Sapling	
						Whi	te Pine	Low	Variable	Pole	
						Serviceber	ry (Juneberry)	Trace	5 - 10 feet	Sapling	
19	6000 W	et Meadow		Nonsto		2.0			No		

Report 7 - Stands

Compartment: 204 Year of Entry: 2022



Stan	d Level 4 C	·						A Range Managed Site			General Comments
20	6122 - Black Spruce Poletimber Poor 28.2		r 28.2	67	1-50	N/A		-mostly pole Black Spruce on edges with saplings towards the interior.			
	Canopy Species	% Cove	Size Class	DBH	l Age	Sub-Cano	py Species	Density	Avg. Height	Size	Increase in aspen, red maple in northwest. Wintergreen, blueberry, bracken fern ground cover. Stand is rather
	Red Maple	10	Pole/Sapling	6		Red I	Maple	Low	Variable	Sapling	hummocky in the wet areas. East edge north of the road supports
	Paper Birch	5	Sapling/Pole/Log	4		Balsa	am Fir	Low	Variable	Sapling	pole/log-sized conifer, spruce/pine; higher BA along this edge, too.
	Balsam Fir	2	Sapling/Pole	4		Black	Spruce	Low	Variable	Sapling	Slightly richer than a poor conifer swamp with a better developed tall shrub laver.
	Black Spruce	66	Pole/Sap/Log	7	67	Michiga	an Holly	Medium	Variable	Tall Shrub	
	White Pine	7	Log	14		Ald	der	Medium	Variable	Tall Shrub	cherry, willow on road edge.
	Jack Pine	5	Log/Pole	12		Wild I	Raisin	High	5 - 10 feet	Tall Shrub	
	Quaking Aspen	5	Sapling/Pole	4		Red Osier	r Dogwood	Trace	< 5 feet	Tall Shrub	
						Serviceberry	y (Juneberry)	Trace	5 - 10 feet	Sapling	
						Leath	nerleaf	Low	< 5 feet Tall Shrub		
						Red	Oak	Low	Variable	Sapling	
						Phragmite	es (native)	Trace	Unspecified	Non-Wood	
						Chokeberry		Low	5 - 10 feet	Tall Shrub	
21	4319 - Mixed	Upland F	orest Sa <sub>l</sub>	pling	Medium	37.4 27 Im		nmature	N/A	1	Harvested in 1993: Mud Creek Road (044-92-01), PU 1.  — Trace amounts of paper birch, pin cherry, pin oak, white oak, larch, and
	Canopy Species	% Cove	Size Class	DBH	l Age	Sub-Canopy Species		Density	Avg. Height	Size	red maple. Poor quality aspen regeneration. Wet, hummocky in center of
	Quaking Aspen	46	Sapling	3	27	White Spruce		Low	Variable	Sapling	stand with a lot of leatherleaf, black spruce, and some larch.
	Balsam Fir	15	Pole/Sapling	6		White Oak		Trace	5 - 10 feet	Sapling	White pine diameters vary greatly. More jack pine in north; increase in
	Black Spruce	15	Sapling/Pole	3		White Pine		Trace	Variable	Sapling	larch in northwest. Trace canopy pin oak in south.  North end starts transitioning to lowland jack pine with trace chokeberry.
											1

< 5 feet

Unspecified

High

Tall Shrub

Non-Wood

Pole/Log/Sap 8 Nannyberry Low < 5 feet Tall Shrub Sapling/Pole 4 Northern Pin Oak Low Variable Sapling 5 Pole/Sapling Leatherleaf < 5 feet Tall Shrub Trace Sapling/Pole 4 Red Maple Low Variable Sapling 5 Pole/Sapling **Black Cherry** Variable Sapling Trace Sweet Fern Medium < 5 feet Tall Shrub Tall Shrub Wild Raisin Medium 5 - 10 feet Black Spruce Low Variable Sapling Red Pine Sapling Trace 5 - 10 feet Sapling Jack Pine Variable Trace Sapling Variable Serviceberry (Juneberry) Low

Blueberry/Bilberry/Cranberry Medium

Bracken Fern

White Pine

Jack Pine

Bigtooth Aspen

Red Pine

White Spruce

5

3

10

1

5

Gaylord Mgt. Unit



Stand	d Level 4 C	over Type	s	ize De	nsity	Acres	Stand Age B	A Range	Managed	Site	General Comments
22	6129 - Mixed Co Fo	oniferous L orest	owland Po	oletimb	er Well	l 8.6	71	81-110	N/A		Fairly consistent canopy composition except for southwest. More QA, RM; west edge along road is very different than rest of stand: more red
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	pine, less spruce, more pole QA. A lot of pole white pine. Hummocky, especially east half.
	Red Maple	2	Pole/Sap/Log	6		Re	d Maple	Trace	Variable	Sapling	A lot of pole writte pine. Humimocky, especially east half.
	Quaking Aspen	5	Sapling/Pole	4		Ва	lsam Fir	Trace	Variable	Sapling	
	Balsam Fir	1	Pole/Log	8		Blac	ck Spruce	Low	Variable	Sapling	
	Black Spruce	45	Pole/Log/Sap	7	71	Northe	ern Pin Oak	Trace	Variable	Sapling	
	White Pine	35	Log/Pole/XLog	10		Servicebe	erry (Juneberry)	Low	Variable	Sapling	
	Red Pine	7	Log/XLog/Pole	13	128	Wil	ld Raisin	Low	5 - 10 feet	Tall Shrub	
	Jack Pine	2	Pole/Log/Sap	7		Blueberry/B	silberry/Cranber	ry Medium	< 5 feet	Tall Shrub	
	Paper Birch	2	Log/Pole	10		Brac	cken Fern	Medium	Unspecified	Non-Wood	
23	6126 - Lowl	and Jack F	Pine S	Sapling	g Well	26.9	27	1-50	N/A		Harvested in 1993: Mud Creek Road (044-92-01), PU 2.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Stand seems to be drying out as jack pine matures. Great response from jack pine in response to being whole-tree skidded. Wettest ground is
	Paper Birch	2	Sapling	2			Alder	Low	Variable	Tall Shrub	open and supports black spruce, alder, serviceberry, larch, jack pine,
	Quaking Aspen	3	Sapling/Pole	3		Servicebe	erry (Juneberry)	Low	5 - 10 feet	Tall Shrub	paper birch, and red maple. The deer are yarding up in this stand.
	Balsam Fir	3	Sapling/Pole	4		Та	marack	Trace	10 - 20 feet	Sapling	Trace leatherleaf and Labrador tea in sound end of far east.  Trace red pine, white spruce, pin oak, and bigtooth aspen in canopy.
	Black Spruce	2	Sapling	3		Re	ed Maple	Low	Variable	Sapling	Rarely white oak, pin oak, sweet fern in subcanopy.
	Jack Pine	87	Sapling/Pole	4	27	Whit	te Spruce	Trace	Variable	Sapling	
	White Pine	2	Pole/Sapling	6		Pap	per Birch	Trace	10 - 20 feet	Sapling	
	Red Maple	1	Sapling	2		Blac	ck Cherry	Trace	>20 feet	Sapling	
					1	Ва	lsam Fir	Low	Variable	Sapling	
						Cho	okeberry	Trace	< 5 feet	Tall Shrub	
						Blac	ck Spruce	Low	Variable	Sapling	
						Mich	igan Holly	Low	Variable	Tall Shrub	
24	4130	- Aspen	Sa	apling I	Medium	21.5	3 I	mmature	N/A		Trace white oak. Residual white pine scattered across stand, most heavily in southern half. Few scattered aspen, cherry, white spruce,
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	balsam fir resiudal from harvest. Retention in northeast.
	Quaking Aspen	40	Sapling	1	3	Brac	cken Fern	High	Unspecified	Non-Wood	Heavy browse on regeneration, even foraging on herbacious layer. Trace
	Red Maple	20	Sapling	1		Sw	eet Fern	Low	< 5 feet	Tall Shrub	bullrush, spotted knapweed. Better regeneration in middle and north;
	White Pine	12	Log/Pole/XLog	10	45	Blueberry/B	silberry/Cranber	ry Low	< 5 feet	Tall Shrub	regen is somewhat lacking in south. (75-100% stocking in north.)
	Balsam Fir	5	Sapling/Pole	4		Northe	ern Pin Oak	Trace	< 5 feet	Sapling	
	Northern Pin Oak	1	Pole/Sapling	6		Servicebe	erry (Juneberry)	Trace	Variable	Sapling	
	White Spruce	1	Pole/Sap/Log	6		Wł	hite Oak	Trace	Variable	Sapling	
	Black Cherry	1	Sapling	1		Wh	nite Pine	Trace	Variable	Sapling	
	Bigtooth Aspen	20	Sapling	1		Ва	Isam Fir	Trace	Variable	Sapling	



Stand	Level 4 C	over Type	S	ize Density	Acres	Stand Age B	A Range	Managed \$	Site	General Comments
25	6127 - L	owland Pin	e Saw	rtimber Mediu	m 5.4	74	51-80	N/A		Trace quaking and bigtooth aspen on south perimeter. Trace larch.
	Canopy Species	% Cover	r Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Hummocky with sphagnum moss and winterberry. South half is slightly drier than north; north tip opens up to sap/pole black spruce with jack and
	Black Spruce	25	Pole/Sap/Log	6	Re	ed Maple	Medium	Variable	Sapling	white pine, with alder, holly, and wild raisin. Very bog-ish. Swamp
	White Pine	50	Log/Pole/XLog	12 74	Blac	ck Spruce	Low	Variable	Sapling	dewberry present.
	Red Pine	15	Log/XLog/Pole	16	W	hite Pine	Trace	Variable	Sapling	-pocket of White Pine poles/logs with supercanopy White and Red Pine
	Jack Pine	5	Pole/Sapling	7		Alder	Low	Variable	Tall Shrub	
	Paper Birch	5	Pole/Sap/Log	6	Lab	rador Tea	Trace	< 5 feet	Tall Shrub	
					Ва	alsam Fir	Trace	Variable	Sapling	
					Mich	nigan Holly	Trace	5 - 10 feet	Tall Shrub	
					Blueberry/E	Bilberry/Cranber	ry Medium	< 5 feet	Tall Shrub	
					Servicebe	erry (Juneberry)	Trace	5 - 10 feet	Tall Shrub	
					Pa	per Birch	Low	Variable	Sapling	
					Ja	ack Pine	Trace	Variable	Sapling	
26	6229 - Mixe	d lowland s	hrub 1	Nonstocked	33.1		nspecified	No		Fairly consistent presence of trees, though there are scattered higher density clumps along perimeters. In general, this is a fully stocked
						nopy Species	Density	Avg. Height	Size	lowland shrub (alder and Mi holly) thicket receiving browsing pressure.
						innyberry	Low	< 5 feet	Tall Shrub	
					Phragr	mites (native)	Trace	Unspecified	Non-Wood	
						Alder	High	Variable	Tall Shrub	
						ck Cherry	Trace	>20 feet	Pole	
						ack Pine	Low	>20 feet	Pole	
						ern Pin Oak	Trace	5 - 10 feet	Sapling	
						alsam Fir	Low	Variable	Sapling	
						nigan Holly	High	Variable	Tall Shrub	
						king Aspen	Low	Variable	Sapling	
						amarack	Trace	Variable	Sapling	
					Re	ed Maple	Trace	Variable	Sapling	
					Red Os	sier Dogwood	Trace	< 5 feet	Tall Shrub	
					Lab	rador Tea	Trace	< 5 feet	Tall Shrub	
					Wi	llow spp.	Low	Variable	Tall Shrub	
					Blac	ck Spruce	Trace	Variable	Sapling	
					Pa	per Birch	Trace	10 - 20 feet	Sapling	



Stand	Level 4 C	over Type	Si	ize De	nsity	Acres Stand Age BA	Range	Managed S	Site	General Comments
27	4136 - Aspen	<u></u>			r Mediu	ım 25.8 47 5	51-80	N/A		Westernmost acreage harvested in 1972. This is actually more of a 3-aged class when considering the supercanopy red and white pine. The
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	northeast leg is more of a forested shrub thicket with variable canopy
	Red Maple	25	Pole/Log/Sap	8	67	Red Maple	Trace	Variable	Sapling	species. Pockets throughout the stand dominated by white pine, red pine.
	Paper Birch	5	Pole/Log	8		Balsam Fir	Medium	Variable	Sapling	Trace pin oak, bur oak in canopy. One sapling beech on north perimeter; one pole beech. Trace sapling bigtooth along west perimeter. Most paper
	Quaking Aspen	16	Log	12	88	Black Spruce	Trace	Variable	Sapling	birch volume is in north leg. Lower, wetter conditions along east edge and
	Bigtooth Aspen	30	Pole/Log/Sap	7	47	White Pine	Medium	Variable	Sapling	through northeast leg.
	Balsam Fir	3	Pole/Log	8		Alder	Low	Variable	Tall Shrub	
	White Oak	3	Log/Pole/XLog	12		Blueberry/Bilberry/Cranberry	Medium	< 5 feet	Tall Shrub	
	White Pine	7	Log/XLog/Pole	14		White Oak	Trace	Variable	Sapling	
	Red Pine	8	XLog/Log/Pole	18	136	Bracken Fern	High	Unspecified	Non-Wood	
	White Spruce	2	Pole/Log	8		Red Pine	Trace	Variable	Sapling	
	Black Spruce	1	Sapling/Pole	4		Wild Raisin	Low	Variable	Tall Shrub	
					<u> </u>	Serviceberry (Juneberry)	Trace	10 - 20 feet	Sapling	
						Paper Birch	Trace	Variable	Sapling	
						Michigan Holly	Trace	Variable	Tall Shrub	
28	42390 - Mixed I Co	Non-Pine l nifers	Jpland Pole	timbe	r Mediu	ım 71.8 53	1-50	N/A		Zero consistency in stand. Trace red pine, black cherry, chokeberry, scattered. West leg is dominated by white spruce and balsam fir with red
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	maple, quaking aspen. Some relic red pine in south-central portion; hummocky. More larch in north. BAs are generally in the 30-50 range,
	Quaking Aspen	15	Pole/Log/Sap	6		Balsam Poplar	Trace	Variable	Sapling	with 60-100 in the more densely stocked areas.
	Black Spruce	20	Pole/Sapling	6		Alder	Medium	Variable	Tall Shrub	
	Jack Pine	10	Pole/Log/Sap	7		White Spruce	Low	Variable	Sapling	
	Bigtooth Aspen	3	Log/Pole	12		Michigan Holly	Low	Variable	Tall Shrub	
	Paper Birch	5	Sapling/Pole	4		Serviceberry (Juneberry)	Low	10 - 20 feet	Sapling	
	Balsam Fir	15	Pole/Sap/Log	6		Red Maple	Low	Variable	Sapling	
	Red Maple	5	Pole/Log/Sap	8	91	Northern Pin Oak	Trace	10 - 20 feet	Sapling	
	Tamarack	2	Pole/Log/Sap	8		Wild Raisin	Medium	5 - 10 feet	Tall Shrub	
	White Pine	1	Log/XLog/Pole	12		Balsam Fir	Medium	Variable	Sapling	
	White Spruce	24	Pole/Sap/Log	8	53	Black Spruce	Low	Variable	Sapling	
29	4130	- Aspen	Sa		Medium	n 37.6 3 lm	mature	N/A		Residual white pine, red pine, balsam fir, pin oak, trace black cherry and scattered sap/pole aspen. Conifer residuals are much higher south of the
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	band, 10-20 BA; much less to north (<5 BA), and much more red pine
	Quaking Aspen	25	Sapling	1	3	White Pine	Trace	Variable	Sapling	pole/saps to north. Regenerating red maple and QA browsed; less
	White Pine	10	Log/Pole/XLog	10	43	Balsam Fir	Low	Variable	Sapling	damage to BTA. Long term retention and band include black spruce,
	Bigtooth Aspen	49	Sapling	1	3	Red Pine	Low	Variable	Sapling	white spruce, and white pine with lesser amoungs of balsam fir and red pine. Trace leatherleaf and bulrush in wet pockets.
	Red Maple	5	Sapling	1		Jack Pine	Trace	Variable	Sapling	Stand needs more time to regenerate.
	Pin Cherry	2	Sapling	1		Blueberry/Bilberry/Cranberry	Low	< 5 feet	Tall Shrub	
	White Spruce	1	Pole/Log	8		Bracken Fern	Medium	Unspecified	Non-Wood	
N	lorthern Pin Oak	3	Pole/Sap/Log	5		Sweet Fern	Low	< 5 feet	Tall Shrub	
	Balsam Fir	3	Pole/Sapling	6		Northern Pin Oak	Low	Variable	Sapling	
	Red Pine	2	Log/XLog/Pole	16	70	White Spruce	Trace	< 5 feet	Sapling	



Stand	Level 4 Cover Type	Size Density	Acres Stand Age B	A Range	Managed 9	Site	General Comments
30	6239 - Mixed Emergent Wetland	Nonstocked		nspecified	No		Upland edge adjacent to road on north end of the stand is very diverse; heavily browsed subcanopy and some old beaver damage. Balsam fir,
			Sub-Canopy Species		Avg. Height	Size	white spruce, red maple, white pine present in log/pole/sap classes (not
			Ninebark	Low	5 - 10 feet	Tall Shrub	, , , , , , , , , , , , , , , , , , , ,
			Black Ash	Low	Variable	Sapling	perimeter. Far west portion of lowland stand is dominated by willow with alder and
			Alder	Low	Variable	Tall Shrub	various lowland saplings. Little forested island in middle with ash and
			merican Highbush Cranbe	1	5 - 10 feet	Tall Shrub	· · · · · · · · · · · · · · · · · · ·
			Blackberry/Raspberry	Trace	5 - 10 feet	Tall Shrub	Bristly greenbriar and nightshade present in trace amounts along perimeter.
			Northern White Cedar	Trace	>20 feet	Log	penineter.
			Red Maple	Low	Variable	Sapling	
			Willow spp.	Medium	Variable	Tall Shrub	
			Paper Birch	Low	Variable	Sapling	
			Pin Cherry	Low	>20 feet	Sapling	
			White Spruce	Trace	Variable	Sapling	
			Northern Pin Oak	Trace	Variable	Sapling	
			Balsam Fir	Trace	Variable	Sapling	
			White Pine	Trace	Variable	Sapling	
			Cattail spp.	Low	Unspecified	Non-Wood	
			Honeysuckle (spp.)	Trace	5 - 10 feet	Tall Shrub	
			Balsam Poplar	Trace	Variable	Sapling	
			Wild Raisin	Trace	5 - 10 feet	Tall Shrub	
			Grape Vine	Trace	Unspecified	Vine	
31	500 - Water	Nonstocked	37.3 U	nspecified	No		Black River.
32	6229 - Mixed lowland shrub	Nonstocked	99.6 U	nspecified	No		Scattered forested pockets throughout this lowland shrub stand. Pockets are still lowland but slightly higher and able to support QA, RM, BF
			Sub-Canopy Species	Density	Avg. Height	Size	(pole/sap) with scattered PB, BS, PO, WP, JP, and trace BC, RP.
			Jack Pine	Low	Variable	Sapling	
			Paper Birch	Low	10 - 20 feet	Sapling	Heavy browse, especially on red osier dogwood, red maple, and
			Willow spp.	Low	5 - 10 feet	Tall Shrub	michigan holly. Scattered log RM and QA; scattered dead black ash.  Trace vaccinium on perimeter.
			Northern Pin Oak	Trace	5 - 10 feet	Sapling	Trade vaccinant on penincer.
			Michigan Holly	Medium	Variable	Tall Shrub	
			Red Osier Dogwood	Medium	< 5 feet	Tall Shrub	
			Alder	Medium	Variable	Tall Shrub	
			Balsam Poplar	Trace	10 - 20 feet	Sapling	
			White Pine	Low	Variable	Sapling	
			Black Spruce	Low	Variable	Sapling	
			Black Cherry	Trace	Variable	Sapling	
			Wild Raisin	Low	< 5 feet	Tall Shrub	
			Balsam Fir	Low	Variable	Sapling	
			Tamarack	Low	Variable	Sapling	
			Red Pine	Trace	Variable	Sapling	
			Trod i ino	11400	Variable	Caping	

Report 7 - Stands

Compartment: 204 Year of Entry: 2022



Stand	Level 4 Co	over Type	Si	ze De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
33	6122 - Bl	ack Spruce	e Po	letimb	er Well	40.9	58	81-110	N/A		A couple pockets of blow down. Consistent sphagnum moss cover in
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Specie	s Density	Avg. Height	Size	east and west, somewhat consistent in the center. Stand includes a 1.5 ac pocket of natural red pine, fire origin, along east edge of main portion.
(	Quaking Aspen	3	Pole/Log	8		Blac	k Spruce	Low	Variable	Sapling	Otherwise, red and white pine are scattered in low amounts throughout
	Black Spruce	70	Pole/Sap/Log	7	58	Whit	e Spruce	Trace	Variable	Sapling	the stand.
	Jack Pine	2	Log/Pole	12		Quak	ing Aspen	Trace	>20 feet	Sapling	One beech sapling 10-20'.  Pocket of log QA in the southwest, approx 1 ac, otherwise aspen is
	White Spruce	13	Pole/Log/XLog	8		Northe	ern Pin Oak	Trace	Variable	Sapling	sparse, but more common in the west.
	Balsam Fir	5	Pole/Sapling	6		Wil	d Raisin	Low	5 - 10 feet	Tall Shrub	
	Red Maple	2	Pole/Log	8		Servicebe	rry (Juneberr	ry) Trace	5 - 10 feet	Tall Shrub	
	White Pine	2	Log/XLog/Pole	14		Bal	Isam Fir	Low	Variable	Sapling	
	Red Pine	3	Log/XLog/Pole	16	114		Alder	Low	Variable	Tall Shrub	
			-			Michi	igan Holly	Trace	5 - 10 feet	Tall Shrub	
						Re	d Maple	Trace	Variable	Sapling	
34	3104 - [	Degraded	N	Nonsto	ocked	3.1		Unspecified	No		Clump in east with sap/pole RP, spruce, possibly hybrid oak.
• •					ſ	Sub-Car	nopy Specie	s Density	Avg. Height	Size	
							eet Fern	High	5 - 10 feet	Tall Shrub	
							ed Pine	Low	>20 feet	Log	
							ken Fern	Medium	Unspecified	Non-Wood	
						Spotted	d Knapweed	High	Unspecified	Non-Wood	
						Northe	rn Pin Oak	Low	>20 feet	Log	
						Blackbei	rry/Raspberry	/ Trace	< 5 feet	Tall Shrub	
							Cherry	Trace	10 - 20 feet	Sapling	
						Re	d Maple	Trace	>20 feet	Pole	
35	4130	- Aspen		Sapling	ı Well	91.2	32	Unspecified	N/A		Harvested in 1988, 026-84-01.
	Canopy Species		Size Class		Age		nopy Specie		Avg. Height	Size	Trace amounts of white oak, bur oak, and white spruce in the canopy.
	Red Maple		Sapling/Pole/Log	_	7.90		d Maple	Low	Variable	Sapling	Some good response from white pine in the east third of the stand; a lot of pole/sap canopy white pine. Distinct break between log white pine
(	Quaking Aspen	60	Sapling/Pole	4	32		ern Pin Oak	Low	Variable	Sapling	(residual) and pole/sap cohort. Some wetness to eastern half of stand.
	Bigtooth Aspen	18	Pole/Sap/Log	6	02		Isam Fir	Medium	Variable	Sapling	Trace amounts of sweet fern, pin cherry, grape, hazelnut, red pine, greet
	Balsam Fir	5	Sapling/Pole	4			Alder	Low	Variable	Tall Shrub	ash, white oak, michigan holly, and jack pine in the subcanopy. Ground flora includes wintergreen, bracken fern, and blueberry where visible
	White Pine	5	Log/Pole/Sap	12			rry (Juneberr		10 - 20 feet	Sapling	under the snow.
N	lorthern Pin Oak	5	Pole/Sap/Log	6			d Raisin	Low	5 - 10 feet	Tall Shrub	Leatherleaf, labrador tea, swamp milkweed on far east tip adjacent to
	Red Pine	1	Pole/Log	8			nite Pine	Low	Variable	Sapling	lowland. One apple tree along the road. Small bog in center of stand (to the north
	Paper Birch	2	Pole/Sap/Log	5			nyberry	Low	5 - 10 feet		of the road) with black and white spruce, red pine, balsam fir, white pine,
	. 200. 2000	_		Ū		Blueberry/B			< 5 feet	Tall Shrub	and Labrador tea. To the west of that is much higher density pine (red
											and jack) with trace scotch pine.

density red maple, oak, conifer saps with trace sweet fern.



Stand Level 4 Cover Type Size Density Acres Stand Age BA Range Managed Site General Comments

36 6124 - Lowland Spruce-Fir Poletimber Medium 87.8 59 51-80 N/A

Canopy Species % Cover Size Class DBH Age Sub-Canopy Species Density Avg. Height

Canopy Species	% Cover	r Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	7	Pole/Log/Sap	6		Quaking Aspen	Low	Variable	Sapling
Balsam Fir	3	Pole/Sapling	6		Northern Pin Oak	Low	Variable	Sapling
Black Spruce	40	Pole/Log/Sap	7	59	Balsam Fir	Low	Variable	Sapling
White Pine	10	Log/Pole/XLog	12		Black Spruce	Low	Variable	Sapling
Red Pine	5	Log/Pole/XLog	12	90	White Pine	Trace	Variable	Sapling
Jack Pine	20	Pole/Log/Sap	8	34	Jack Pine	Trace	Variable	Sapling
Red Maple	5	Pole/Log/Sap	6		Alder	Low	Variable	Tall Shrub
Paper Birch	2	Pole/Sap/Log	6		Paper Birch	Trace	Variable	Sapling
Tamarack	1	Pole/Log	8		Chokeberry	Trace	5 - 10 feet	Tall Shrub
White Spruce	7	Pole/Log	8		Wild Raisin	Medium	5 - 10 feet	Tall Shrub
					Blueberry/Bilberry/Cranberry	Medium	< 5 feet	Tall Shrub
					White Spruce	Trace	Variable	Sapling
					Leatherleaf	Trace	< 5 feet	Tall Shrub
					Red Maple	Trace	Variable	Sapling
					Serviceberry (Juneberry)	Trace	Variable	Sapling
					Michigan Holly	Low	Variable	Tall Shrub

Trace small pole/large sap pin/red oak in canopy. Pockets of sapling red maple and quaking aspen, scattered. Alder, holly, dogwood, willow, red maple, paper birch occupy the interrupting lowland shrub drainages. RP 80-90 years old throughout, having slowed down growth in the last 20 years. Fairly clumpy composition, consistently mottled. One beech sapling on west edge. -wet-0-1/2' standing water in pockets-pole-sized Jack Pine and Black Spruce in narrow strips or pockets-lowland shrub patches stratifying forested portions

**37** 6113 - Lowland Maple Poletimber Well 97.5 105 81-110 N/A

Red Pine

Canopy Species	% Cove	r Size Class	DBH	Age
American Elm	3	Pole	7	
Silver Maple	70	Pole/Log/Sap	9	105
Basswood	13	Pole/Sap/Log	8	
Black Ash	3	Pole/Sapling	6	
Green Ash	5	Pole/Sap/Log	7	58
Bur Oak	6	Log/Pole/XLog	12	99

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	Variable	Sapling
Black Ash	Low	Variable	Sapling
Green Ash	Low	Variable	Sapling
Alder	Low	Variable	Tall Shrub

Trace

10 - 20 feet

Sapling

Slight edits to canopy composition via remote inventory (ash mortality following EAB). This is a Floodplain Forest ERA, characterized by unevenaged silver maple-dominated canopy with ash, basswood, bur oak, and elm. Characteristic of floodplain forests is a disturbed subcanopy, often lacking in trees, but develops clumpy pockets of various graminoids, forbs, and ferns (less commonly shrubs and saplings).

- -wet-0-1/2ft standing water
- -stand is mostly pole-sized with pockets of sawlog sized Red Maple that are of rather poor form and declining vigor
- -average quality lowland deciduous forest
- -subcanopy trees are a bit lacking



Stand	Level 4 Co	Level 4 Cover Type Size Density				Acres	Stand Age E	SA Range	Managed \$	Site	General Comments
38	6229 - Mixed	lowland	shrub N	lonsto	cked	13.0	U	Inspecified	No		Slightly mounded parallel ridges; lots of standing water. South-central
						Sub-Can	opy Species	Density	Avg. Height	Size	portion is more open with willow and grasses. Leatherleaf high in north half, medium to low elsewhere. Larch dominates the extreme northwest
						Lea	therleaf	High	< 5 feet	Tall Shrub	leg (dense here, a forested inclusion). Jack pine bog in west central leg.
						Cho	keberry	Low	< 5 feet	Tall Shrub	The far south leg is more consistently forested, still <25% canopy closure.
						A	Alder	Medium	Variable	Tall Shrub	
						Michi	gan Holly	Medium	Variable	Tall Shrub	
						Wild	d Raisin	Low	5 - 10 feet	Tall Shrub	
						Jac	ck Pine	Low	Variable	Sapling	
						White	e Spruce	Trace	>20 feet	Pole	
							k Spruce	Trace	Variable	Sapling	
						Red Osi	er Dogwood	Low	< 5 feet	Tall Shrub	
						Whi	ite Pine	Low	Variable	Sapling	
						Quaki	ng Aspen	Trace	>20 feet	Pole	
						Pap	er Birch	Trace	Variable	Sapling	
							marack	Low	Variable	Sapling	
						Will	ow spp.	Trace	< 5 feet	Tall Shrub	
39	6112 - Low	vland Asp	oen Sar	oling I	∕lediun	n 27.4	4	Immature	N/A		Residual white/red/jack pine, balsam fir, black spruce, pin oak (very
	Canopy Species	% Cove	er Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	scrubby). Regenerating quaking aspen and red maple, heavily browsed.  One white oak, pole. One larch.
	Quaking Aspen	70	Sapling	1	4	Ві	ulrush	Low	Unspecified	Non-Wood	
	White Pine	15	Pole/Log/Sap	8	39	Jac	ck Pine	Trace	< 5 feet	Sapling	present in canopy in the next entry. Very wet with standing water, 3/2020.
	Red Maple	5	Sapling/Pole	1		Swe	et Fern	Low	< 5 feet	Tall Shrub	Western long-term retention: jack/red/white pine with black and white spruce, quaking aspen.
	Red Pine	3	Log/XLog/Pole	14	70	A	Alder	Low	Variable		Eastern LTR: red/white/jack pine with balsam fir, white/black spruce,
	Jack Pine	2	Sapling/Pole/Log			Wild	d Raisin	Trace	< 5 feet	Tall Shrub	
	Balsam Fir	2	Sapling/Pole	3		Cho	keberry	Trace	5 - 10 feet	Tall Shrub	
	Northern Pin Oak	1	Sapling/Pole	3		Northe	rn Pin Oak	Trace	Variable	Sapling	
	Black Spruce	2	Sapling/Pole/Log	4		Serviceber	ry (Juneberry)	Trace	10 - 20 feet	Tall Shrub	
	·					Black	k Spruce	Trace	< 5 feet	Sapling	
40	500 -	Water	N	lonsto	cked	1.1	U	Inspecified	No		Rather abrupt edges, unusal and inconsistent for the compartment.
41	6113 - Lov	vland Ma	ple Polet		Mediu		105	81-110	N/A		Slight edits to canopy composition via remote inventory (ash mortality following EAB). This is a Floodplain Forest ERA, characterized by
	Canopy Species	% Cove	r Size Class	_	Age	Sub-Can	opy Species	Density	Avg. Height	Size	unevenaged silver maple-dominated canopy with ash, basswood, bur
	American Elm	3	Pole	7		Red	d Maple	Low	Variable	Sapling	oak, and elm. Characteristic of floodplain forests is a disturbed
	Silver Maple	70	Pole/Log/Sap	9	105	Bla	ck Ash	Low	Variable	Sapling	subcanopy, often lacking in trees, but develops clumpy pockets of
	Basswood	15	Pole/Sap/Log	8		Gre	en Ash	Low	Variable	Sapling	various graminoids, forbs, and ferns (less commonly shrubs and saplings).
	Black Ash	2	Pole/Sapling	6		F	Alder	Low	Variable	Tall Shrub	
	Green Ash	5	Pole/Sap/Log	7	58			,			•
	Bur Oak	5	Log/Pole/XLog	12	99						

Report 7 - Stands



and Level 4 Cover Type Size Density		Acres Stand Age	Acres Stand Age BA Range			General Comments			
<b>42</b> 6120 - Lo	wland Ceda	ar Pole	timbe	r Mediur	m 11.2 153	111-140	N/A		-wet-0-1ft standing water-pockets of fallen cedar and evidences of gap
Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Specie	s Density	Avg. Height	Size	dynamics occuring within the stand-10-15% of canopy cedar showing mortality
Red Maple	5	Pole	7		Red Maple	Low	Variable	Sapling	mortality
Paper Birch	5	Pole/Sapling	6		Balsam Poplar	Low	Variable	Sapling	
Balsam Poplar	7	Pole/Sapling	6		Balsam Fir	Medium	Variable	Sapling	
Balsam Fir	10	Pole/Sapling	5		Northern White Ceda	r Medium	Variable	Sapling	
Black Spruce	4	Pole/Log	8		Black Ash	Medium	Variable	Sapling	
Northern White Cedar	62	Pole/Sap/Log	7	153	Green Ash	Low	Variable	Sapling	
Black Ash	7	Pole/Sapling	6		Alder	Medium	Variable	Tall Shrub	
40 6117 Loudond	Dooidugua	Miyad Dala	tim b o	r Madius	m 20.2 101	F1 00	NI/A		wat 0.4ft standing water mostly conline sized staggers to be and
	iferous	•		r Mediur		51-80	N/A Ava Height	Size	-wet-0-1ft standing water-mostly sapling sized stagnant Ash and Balsam Poplar
70				r Mediur	m 29.3 101  Sub-Canopy Specie  Paper Birch		N/A  Avg. Height  Variable	<b>Size</b> Sapling	
Canopy Species	iferous % Cover	Size Class	DBH		Sub-Canopy Specie	s Density	Avg. Height		
Canopy Species Red Maple	% Cover	Size Class Pole/Sapling	<b>DB</b> F		Sub-Canopy Specie	s Density	Avg. Height Variable	Sapling	
Canopy Species Red Maple Paper Birch	% Cover	Size Class Pole/Sapling Pole/Sapling	<b>DBH</b> 7 5		Sub-Canopy Specie Paper Birch Balsam Poplar	s Density Low Low	Avg. Height Variable Variable	Sapling Sapling	
Canopy Species Red Maple Paper Birch Balsam Poplar	## Cover   10   5   26	Size Class Pole/Sapling Pole/Sapling Sapling/Pole	7 5 6		Sub-Canopy Specie Paper Birch Balsam Poplar Balsam Fir	S Density Low Low Medium Low	Avg. Height Variable Variable Variable	Sapling Sapling Sapling	
Con Canopy Species Red Maple Paper Birch Balsam Poplar Balsam Fir	## Cover 10   5   26   15	Size Class Pole/Sapling Pole/Sapling Sapling/Pole Sapling/Pole	7 5 6 4		Sub-Canopy Specie Paper Birch Balsam Poplar Balsam Fir White Spruce	S Density Low Low Medium Low	Avg. Height Variable Variable Variable Variable	Sapling Sapling Sapling Sapling	
Con Canopy Species Red Maple Paper Birch Balsam Poplar Balsam Fir White Spruce	% Cover           10           5           26           15           3	Size Class Pole/Sapling Pole/Sapling Sapling/Pole Sapling/Pole Pole	<b>DBH</b> 7 5 6 4 7		Sub-Canopy Specie Paper Birch Balsam Poplar Balsam Fir White Spruce Northern White Ceda	S Density Low Low Medium Low r Low	Avg. Height Variable Variable Variable Variable Variable	Sapling Sapling Sapling Sapling Sapling	

7

Green Ash

Pole

Report 7 - Stands

Compartment: 204 Year of Entry: 2022



**General Comments** Stand Level 4 Cover Type Size Density Acres Stand Age BA Range Managed Site 6229 - Mixed lowland shrub Nonstocked 22.5 Unspecified No A lot of shrubs in the 5-10' class, but also a distinct browsed class <3'. 45 Saps variable, a lot of 5-20' saplings. Trees are generally saplings, but **Sub-Canopy Species** Density Avg. Height Size there are scattered pole cedar, red maple, birch, pine, oak, and larch. Unspecified Vine Grape Vine Trace Came across one jack pine sapling. White pine picks up in north/central/west portions of stand. Trace cedar (log). Eastern quarter Willow spp. Trace Variable Tall Shrul of stand was formerly forested. Harvested in 1993, but failed to Tall Shruk merican Highbush Cranbern Trace 5 - 10 feet regenerate to a forested stand. Bur Oak Trace Variable Sapling **Tamarack** Variable Low Sapling Balsam Fir Low Variable Sapling Black Ash Variable Low Sapling Paper Birch Trace 10 - 20 feet Sapling Quaking Aspen Trace Variable Sapling Red Maple Low Variable Sapling Black Spruce Low Variable Sapling White Pine Medium Variable Sapling Michigan Holly Hiah Variable Tall Shrub Tall Shrub Nannyberry Low 5 - 10 feet Balsam Poplar Trace Variable Sapling Northern Pin Oak Trace Variable Sapling Red Osier Dogwood Variable Tall Shrub Low Red Pine Trace Variable Sapling Alder Hiah Variable Tall Shrub Blueberry/Bilberry/Cranberry Medium < 5 feet Tall Shrub Phragmites (native) Trace Unspecified Non-Wood Non-Wood Bulrush Trace Unspecified Leatherleaf Low < 5 feet Tall Shrub 500 - Water Nonstocked 1.2 Unspecified No -Wet (pond) 46 6119 - Mixed Lowland Deciduous Poletimber Medium 11.3 79 51-80 N/A -narrow forested strip along Black River Rd left as a buffer to QA 1993 47 Forest clearcut to the west -stand contains a small pocket of dense Balsam Fir with log sized red % Cover Size Class **DBH Age** Density Size **Canopy Species** Sub-Canopy Species Avg. Height oak to SE portion of stand 79 Red Maple 41 Pole/Log 9 Red Maple Low Variable Sapling -wet-0-1/2ft standing water 14 Based on imagery and observations from the road, I've remotely Red Oak 10 Red Oak Low Variable Sapling Log combined the north edge of the road to the main stand. It is lowland with Paper Birch 5 Pole 6 Paper Birch Low Variable Sapling upland with aspen, fir, oak, and maple. Stand data has been adjusted to Quaking Aspen 25 Log/Pole 12 Balsam Fir Medium Variable Sapling reflect mortality in the wake of EAB. Stand was last visited in 2010 by 7 Balsam Fir 15 Pole Black Ash Medium Variable Sapling Darrick Cov.

Medium

Variable

Sapling

Black Ash

2

Gaylord Mgt. Unit



Stand	Level 4 C	over Type	e Size Density			Acres	Stand Age E	BA Range	Managed	Site	General Comments
48	623 - Eme	rgent Wetla	and N	lonsto	cked	3.8	L	Jnspecified			POWERLINE.
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						Ca	attail spp.	Low	Unspecified	Non-Wood	
						Bu	ittonbush	Trace	< 5 feet	Tall Shrub	
							Alder	Medium	Variable	Tall Shrub	
						Wi	illow spp.	Trace	Variable	Tall Shrub	
						Red Os	sier Dogwood	Low	< 5 feet	Tall Shrub	
						E	Bulrush	Low	Unspecified	Non-Wood	
						Le	atherleaf	Trace	< 5 feet	Tall Shrub	
						Alder Lea	aved Buckthorn	Trace	< 5 feet	Tall Shrub	
49	4319 - Mixed	d Upland F	orest Sar	oling <b>N</b>	/lediu	m 27.7	27	Immature	N/A		Somewhat poorly to poorly drained soils. Very dense shrubs (primarily
	Canopy Species	% Cove	r Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	lowland-indicators), especially east of the road. 1 apple on west perimeter (also along road). Trace white spruce, white cedar, bur oak, elm, grape,
	Quaking Aspen	40	Sapling/Pole	3	27		ite Spruce	Trace	Variable	Sapling	red osier dogwood, and high bush cranberry. The road follows the most
	Balsam Fir	20	Sapling/Pole	3	27	R	ed Pine	Trace	Variable	Sapling	upland portion of the stand which is 50/50 upland to lowland. Aspen and
	White Pine	10	Sapling/Pole/Log	4			Alder	Medium	Variable	Tall Shrub	red maple dominate the driest portions while conifers (primarily balsam fir, black spruce, and white pine) are filling in the lowlands. Stand was
	Red Pine	3	Pole/Sapling	6		Gı	reen Ash	Trace	Variable	Sapling	clearcut in 1993. Treatment boundaries extended north to the powerline,
Ν	lorthern Pin Oak	2	Sapling	3		Ва	alsam Fir	Medium	Variable	Sapling	but this portion failed to regenerate and has come back to lowland shrub.
	Paper Birch	3	Sapling/Pole	3		Wi	ild Raisin	High	5 - 10 feet	Tall Shrub	
	Red Maple	10	Sapling/Pole	3		Re	ed Maple	Low	Variable	Sapling	
	Black Spruce	10	Sapling/Pole	3		Pi	n Cherry	Trace	Variable	Sapling	
	Tamarack	2	Sapling/Pole	2		Servicebe	erry (Juneberry	) Low	Variable	Tall Shrub	
				•		Na	nnyberry	Low	5 - 10 feet	Tall Shrub	
						North	ern Pin Oak	Low	Variable	Sapling	
						Bla	ck Spruce	Trace	Variable	Sapling	
						Mich	nigan Holly	Medium	5 - 10 feet	Tall Shrub	
						Blueberry/E	Bilberry/Cranbe	rry Medium	< 5 feet	Tall Shrub	
50	6229 - Mixed	d lowland s	shrub N	lonsto	cked	9.1	L	Inspecified	No		A lot of sweet gale in the north. Buttonbush increases as you go north,
						Sub-Ca	nopy Species	Density	Avg. Height	Size	too. Section corner present with multiple witness trees. Cedar present in pole/sap.
						Ca	attail spp.	High	Unspecified	Non-Wood	111 polo/sup.
						Wi	illow spp.	Low	5 - 10 feet	Tall Shrub	
						Bu	ittonbush	Low	5 - 10 feet	Tall Shrub	
						Norther	n White Cedar	Medium	10 - 20 feet	Pole	
						Mich	nigan Holly	Low	5 - 10 feet	Tall Shrub	
							Alder	Medium	Variable	Tall Shrub	
						Gr	ape Vine	Trace	Unspecified	Vine	
						N	linebark	Trace	5 - 10 feet	Tall Shrub	
						Red Os	sier Dogwood	Low	Variable	Tall Shrub	
						Sw	veet Gale	Medium	< 5 feet	Tall Shrub	
						Bla	ck Spruce	Trace	Variable	Sapling	



tand	Level 4 Co	over Type	s	ize De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
51	6128 - Lowland Dec	Coniferous, iduous	Mixed Pole	etimber	Medium	n 7.7	71	1-50	N/A		-wet- 0-1/2ft standing water -Cedar more prevalent towards east side of stand
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Stand boundaries have been adjusted without ground-truthing. Subcanopy unedited from 2010 inventory. Stand becomes wetter to the
	Red Maple	10	Pole/Sapling	7		Re	ed Maple	Low	Variable	Sapling	east. Cedar dominates east half, while the west half is more mixed with
	Paper Birch	5	Pole/Sapling	5		Ва	Isam Fir	Medium	Variable	Sapling	aspen, maple, and conifer. Slightly drier ground to the west of the private
	Quaking Aspen	8	Log/Pole	10		Northerr	n White Cedar	Low	Variable	Sapling	road.
	Balsam Fir	30	Pole/Sapling	6	71	BI	ack Ash	Low	Variable	Sapling	
	White Spruce	2	Log	12		Gr	een Ash	Low	Variable	Sapling	
ION	rthern White Cedar	30	Pole/Sapling	6			Alder	High	Variable	Tall Shrub	
	Black Ash	10	Pole/Sapling	5							
52	6120 - Lov	wland Ceda	r Saw	vtimber	Medium	n 9.4	140	81-110	N/A		Ash component has fallen out of the canopy since last inventory due to
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	EAB. Variable BAs, 30-120. Trace silver maple, pin oak on southeast perimeterstand contains some of the largest and oldest conifers in
	Red Maple	5	Log/Pole	10		Re	ed Maple	Trace	Variable	Sapling	compartment
	Paper Birch	2	Pole	7		Pa	per Birch	Low	Variable	Sapling	
	Quaking Aspen	3	Log	14		Blac	ck Spruce	Low	Variable	Sapling	
	Black Spruce	2	Pole/Sapling	6		Northerr	n White Cedar	Trace	>20 feet	Sapling	
Nor	rthern White Cedar	75	Log/Pole	10	140	BI	ack Ash	Trace	Variable	Sapling	
	White Spruce	10	Log/Pole	12		Gr	een Ash	Low	Variable	Sapling	
	Bur Oak	3	Log/Pole	12			Alder	Medium	Variable	Tall Shrub	
						Ва	llsam Fir	Medium	Variable	Sapling	
						Mich	nigan Holly	Low	5 - 10 feet	Tall Shrub	
53	6119 - Mixed Lo	wland Deci	duous Po		er Poor	55.8	86	51-80	N/A		Remote call utilizing 2010 inventory adjusted to reflect ash mortality in the wake of EAB. Added basswood and bur oak, supposing they're likely
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	both present within the floodplainwet-0-1/2ft standing water
	Silver Maple	55	Pole/Log/Sap	8	86	Ва	ılsam Fir	Low	Variable	Sapling	-sapling Black Ash are establishing a new lower canopy due to log-sized
	Quaking Aspen	15	Log/Pole	14	101	Whi	te Spruce	Low	Variable	Sapling	Aspen and Red Maple dying out
	Balsam Fir	8	Sapling	3		Northern	n White Cedar	Low	Variable	Sapling	-stand contains some scattered log-sized Red Maple and dense mixed conifer near/ajacent to the upper black river
	White Spruce	5	Pole/Sapling	7		BI	ack Ash	Medium	Variable	Sapling	-stand contains a relatively high amount of log-sized down coarse wood
Nor	rthern White Cedar	5	Pole	7		Gr	een Ash	Low	Variable	Sapling	debris
	Black Ash	2	Pole/Sapling	5		Na	nnyberry	Medium	Variable	Tall Shrub	
	Green Ash	3	Sapling/Pole	4			Alder	Low	Variable	Tall Shrub	
	Bur Oak	3	Log/Pole	10							



Stand	d Level 4 Cover Type Size Densit		nsity	Acres	Stand Age I	BA Range	Managed	Site	General Comments		
54	6239 - Mixed E	mergent W	etland I	Nonst	ocked	114.0	ι	Jnspecified	No		Stand is very wet, somewhat hummocky, and consists of defined braided channels flowing into Black Lake.Old beaver damage present.
						Sub-Ca	nopy Species	Density	Avg. Height	Size	channels flowing into black take. Old beaver damage present.
						Car	ttail spp.	High	Unspecified	Non-Wood	
						Red Os	ier Dogwood	Low	5 - 10 feet	Tall Shrub	
						Silv	er Maple	Low	>20 feet	Pole	
						В	ur Oak	Trace	>20 feet	Log	
						Northern	White Cedar	Trace	Variable	Sapling	
							Alder	Low	Variable	Tall Shrub	
						Wil	low spp.	Low	Variable	Tall Shrub	
55	6113 - Lov	wland Mapl	e Po	letimb	er Poor	33.2	85	51-80	N/A		-less large log sized Red Maple in canopy than adjacent stand to the ear
(	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	<ul> <li>-wet-0-2ft standing water</li> <li>Remote inventory. Significant mortality in the ash component in the waken</li> </ul>
	Red Maple	60	Pole/Sapling	7	85	Re	d Maple	Low	Variable	Sapling	of EAB. Adjusted canopy species composition.
Е	Balsam Poplar	20	Sapling/Pole	4		Balsa	am Poplar	Low	Variable	Sapling	
	Balsam Fir	10	Sapling/Pole	4		Ва	Isam Fir	Low	Variable	Sapling	
	Black Ash	3	Pole/Sapling	5		Northern	White Cedar	Medium	Variable	Sapling	
	Green Ash	2	Sapling/Pole	4		Bla	ack Ash	Low	Variable	Sapling	
Nort	hern White Cedar	3	Pole	8		Gre	een Ash	Low	Variable	Sapling	
	Bur Oak	2	Pole	8			Alder	Medium	Variable	Tall Shrub	
56	122 - Road			Nonsto	ocked er Poor	5.4 - 45.4	97	Jnspecified	No N/A		Character and and air an analytic and the bridge of March
57											Stand consists of red and silver maple (separate and hybridized). May be considered a meander-scar swamp, once dominated by silver maple,
•	Canopy Species		Size Class	_	I Age		nopy Species		Avg. Height	Size	ash, and cedar with an alder subcanopy, however this stand is lacking
	Red Maple	67	Pole/Log	8	97		rican Elm	Trace	Variable	Sapling	the characteristic hemlock and white pine, likely having not recovered following early 1900's logging. Also lacking dwarf raspberry, perhaps
	White Spruce	1	Pole/Log	8			Isam Fir	Trace	< 5 feet	Sapling	present under the snow.
Nort	hern White Cedar	25	Pole/Log/Sap	7			te Spruce	Low	Variable	Sapling	Areas of more open canopy are generally occupied by stunted cedar wit
	Black Ash	3	Sapling/Pole	4			White Cedar	Low	Variable	Sapling	cattails, alder, and scattered ash and maple. Trace nightshade (Solanur dulcamara).
	Green Ash	1	Sapling	2			ack Ash	Medium	Variable	Sapling	Old beaver damage in south along N0.
	Paper Birch	1	Pole	6			een Ash	Low	Variable	Sapling	Southeast has an inclusion of log red/silver maple, cedar, and white
	Yellow Birch	1	Pole/Sapling	6			Alder	High	Variable	Tall Shrub	spruce.
1	American Elm	1	Log/Pole	10			ttail spp.	Low	Unspecified	Non-Wood	Trace basswood, BAM, bur oak, and black spruce.
							ier Dogwood	Trace	5 - 10 feet	Tall Shrub	
							am Poplar	Trace	Variable	Sapling	
						NAioh					
							igan Holly	Trace	5 - 10 feet	Tall Shrub	
						Yell	igan Holly low Birch low spp.	Trace Trace Trace	5 - 10 feet >20 feet >20 feet	Tall Shrub Sapling Tall Shrub	



Stand	Level 4 C	Cover Type Size Density Acres Stand Age BA Range Managed Site		Site	General Comments						
58	6118 - Lowland Do	eciduous w	vith Cedar Sa	wtimbe		44.0	106	51-80	N/A		Highly variable BAs, ranging 20-120, averaging 75.  Trace nightshade (Solanum dulcamara) present.
	Canopy Species	% Cover	Size Class	DBH		Sub-Car	nopy Species	Density	Avg. Height	Size	This stand is considered a first bottom flat in a floodplain forest,
	Silver Maple	51	Log/Pole/XLog	12	106	Ва	Isam Fir	Low	Variable	Sapling	dominated by silver maple and (formerly) ash, lacking a subcanopy.
	White Spruce	1	Pole/Log/Sap	6		Whit	te Spruce	Trace	Variable	Sapling	Pockets of significant down woody debris, typically ash, balsam fir, and/or cedar. A lot of dead standing ash yet; once a dominant feature of this
No	orthern White Cedar	20	Log/Pole	12		Northern	White Cedar	Trace	Variable	Sapling	stand. Occasional pocket of dense balsam fir regeneration, but very low
	Black Ash	2	Log/Pole	10		Bla	ack Ash	High	Variable	Sapling	stocking of balsam fir elsewhere. Observed one bur oak sapling.
	Bur Oak	3	Log/Pole/XLog	12		Gre	een Ash	Low	Variable	Sapling	Cedar is more consistent in the southern portion of this stand; present elsewhere but clumpy.
	Yellow Birch	3	Pole/Log	8			Alder	Trace	Variable	Tall Shrub	elsewhere but clumpy.
	Paper Birch	1	Pole	5		Balsa	am Poplar	Trace	Variable	Sapling	
	Basswood	10	Log/Pole/XLog	14							
	Balsam Fir	5	Log/Pole	10							
	American Elm	1	Log	10							
	Balsam Poplar	3	Log/Pole	10							
59	6119 - Mixed Lo Fo	owland Dec orest	iduous Sa	wtimbe	er Poor	r 5.5	85	1-50	N/A		Powerline runs through stand. Canopy was formerly dominated by ash, but there's been significant
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	nortality from EAB (though still some lingering ash). In its place, silver/red maple now dominate the canopy. Trace quaking aspen, BAM,
	American Elm	1	Log/Pole/Sap	12		merican Hi	ghbush Cranbe	err Trace	Variable	Tall Shrub	basswood, and white spruce in canopy. Trace pin oak saplings along
	Red Maple	59	Log/Pole	12	85	Northern	White Cedar	Trace	Variable	Sapling	road.
	Paper Birch	2	Log/Pole	10		Bla	ack Ash	Low	Variable	Sapling	Light beaver damage along river edge.  The portion east of the river access road is much smaller in diameter and
No	orthern White Cedar	15	Pole/Sap/Log	6		Gre	een Ash	Medium	Variable	Sapling	lower stocked (pole/sap cedar, ash, maple). Trace cattail, sweetgale, and
	Black Ash	3	Pole/Sapling	6			Alder	High	Variable	Tall Shrub	buttonbush in east. Portion to the west is overall log sized.
	Green Ash	10	Pole/Sapling	7		Ba	lsam Fir	Trace	Variable	Sapling	
	Bur Oak	10	Log/Pole	10		Wil	low spp.	Trace	>20 feet	Tall Shrub	
						Mich	igan Holly	Low	5 - 10 feet	Tall Shrub	
						Red Os	ier Dogwood	Low	5 - 10 feet	Tall Shrub	
						Balsa	am Poplar	Trace	Variable	Sapling	
						Ame	rican Elm	Trace	>20 feet	Sapling	
						Gra	ape Vine	Trace	Unspecified	Vine	
60	6113 - Lo	wland Map		timber		m 16.9	58	51-80	N/A		Trace white spruce in canopy. Significant mortality in ash species. Wild raisin, Michigan holly, grape vine, and balsam fir are all present in trace
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	amounts in the subcanopy, primarily on the northern perimeter of the
	Paper Birch	2	Pole/Sapling	6		Bla	ack Ash	Low	Variable	Sapling	stand along the floodplain edge and topographical relief. There are some
	Silver Maple	88	Pole/Sap/Log	7	58	Gre	een Ash	Medium	Variable	Sapling	open areas, primarily along channels within the floodplain, where the overstory is lacking, and the dominant vegetative layer is composed of
	Basswood	2	Log/Pole	10			Alder	High	Variable	Tall Shrub	lowland shrubs and grasses, primarily red osier dogwood, cattails,
	Green Ash	1	Sapling/Pole	4		Ame	rican Elm	Trace	>20 feet	Sapling	Michigan holly, and alder.
	Bur Oak	7	Pole/Log/Sap	8	105	Silv	er Maple	Trace	Variable	Sapling	
						Pap	er Birch	Trace	>20 feet	Sapling	
						Whit	te Spruce	Trace	Variable	Sapling	
						Northern	White Cedar	Trace	Variable	Sapling	
						В	ur Oak	Trace	>20 feet	Sapling	



Stand	Level 4 C	over Type	Si	ize De	ensity	Acres	Stand Age I	BA Range	Managed S	Site	General Comments
61	6132 - Mixed Lo C	wland Fore	est with Po	letimb	er Poor	12.7	92	81-110	N/A		Canopy closure <50% in the wake of EAB. A lot of dead standing pole ash. Few lingering ash in canopy; relatively high stocking in the
	Canopy Species	% Cover	r Size Class	DBI	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	subcanopy. Trace pin oak, quaking aspen on road edges; cattails, too. Trace BAM,
	Silver Maple	50	Pole/Log/Sap	7	92	Red Os	sier Dogwood	Trace	< 5 feet	Tall Shrub	elm, white spruce, bur oak scattered. Silver and red maple present.
	Paper Birch	2	Sapling/Pole/Log	4		Ва	alsam Fir	Trace	Variable	Sapling	Judging from the old stumps, this stand was once a well stocked log
	Balsam Fir	1	Pole/Sapling	6		Norther	n White Cedar	Low	Variable	Sapling	cedar stand.  North portion of stand has a higher stocking of Michigan holly and slightly
No	rthern White Cedar	44	Pole/Sapling	6	122	В	lack Ash	Medium	Variable	Sapling	larger silver maple diameters.
	Black Ash	1	Sapling/Pole	4		Gı	reen Ash	Medium	Variable	Sapling	
	Green Ash	1	Sapling	3			Alder	High	Variable	Tall Shrub	
	Quaking Aspen	1	Pole/Sap/Log	6		Bals	am Poplar	Trace	5 - 10 feet	Sapling	
						merican H	ighbush Cranb	erry Trace	5 - 10 feet	Tall Shrub	
						Mich	nigan Holly	Low	Variable	Tall Shrub	
62	42360 - U	pland Ced	ar Sa	wtimb	er Well	11.5	138	111-140	N/A		Red and silver maple present. Trace white spruce, white pine, yellow
	Canopy Species	% Cover	r Size Class	DBI	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	birch, and hemlock in canopy.  Green and black ash were once significant components of the canopy,
	Red Maple	10	Log/Pole/XLog	12		Mich	nigan Holly	Trace	< 5 feet	Tall Shrub	but there are very few lingering in the aftermath of EAB, and yet it
	Red Oak	7	XLog/Log/Pole	18		Pa	per Birch	Low	Variable	Sapling	remains present, especially in the subcanopy if nowhere else.
	Paper Birch	10	Log/Pole	12		Ва	alsam Fir	Medium	Variable	Sapling	Three upland ridges parallel to the shoreline of Black Lake with wet swales in between. Swales are lesser stocked (formerly dominated by
	Balsam Fir	5	Pole/Log	8		В	lack Ash	Low	Variable	Sapling	ash) and support lowland shrub species. Buttonbush, michigan holly
No	rthern White Cedar	61	Log/Pole/XLog	12	138	Gı	reen Ash	Low	Variable	Sapling	excluded to northernmost acreage.
	Black Ash	1	Pole/Sapling	6			Alder	Medium	Variable	Tall Shrub	
	Green Ash	1	Pole/Sapling	7		Ви	ıttonbush	Trace	< 5 feet	Tall Shrub	
	Bur Oak	2	Log/Pole/XLog	10		Ye	llow Birch	Trace	>20 feet	Pole	
	Basswood	3	Log/Pole	12	104	Norther	n White Cedar	Trace	Variable	Sapling	
63	6113 - Lo	wland Map	ole Po	letimb	er Poor	16.2	82	51-80	N/A		Remote call utilizing previous inventory and an edge observation. EAB aftermath leaving very few lingering ash in the canopy. Trace red osier
	Canopy Species	% Cover	r Size Class	DBI	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	dogwood, willow, cattails, sweet gale to the east while attempting to
	Red Maple	75	Pole/Sap/Log	8	82	Re	ed Maple	Low	Variable	Sapling	access stand. Unsure of distribution within stand. Trace amounts of
	Balsam Poplar	13	Pole/Sapling	5		Bals	am Poplar	Low	Variable	Sapling	swamp rose.
	Black Ash	2	Pole/Sapling	6		Norther	n White Cedar	Low	Variable	Pole	-wet-0-1ft standing water -low canopy closure
	Green Ash	3	Pole/Sapling	5		В	lack Ash	Medium	Variable	Sapling	-scattered declining log-sized Red Maple with sapling Ash in canopy and
	White Spruce	2	Pole/Log	8		Gı	reen Ash	Low	Variable	Sapling	sub-canopy
No	rthern White Cedar	3	Pole	7			Alder	High	Variable	Tall Shrub	
	Bur Oak	2	Pole/Log	8		Na	annyberry	Low	5 - 10 feet	Tall Shrub	
						Swa	amp Rose	Trace	< 5 feet	Tall Shrub	
					L						1

Gaylord Mgt. Unit



Stand		4 Cover Type	e Size Density		Acres	Stand Age E	BA Range	Managed	Site	General Comments
64	6231 - F	Phragmites		Nonstocked	3.8	L	Inspecified	No		Sweet gale is pretty consistent across the stand, even under phragmites
					Sub-Car	opy Species	Density	Avg. Height	Size	One distinct patch of phrag with another developing.
					Swe	eet Gale	High	< 5 feet	Tall Shrub	
					Will	ow spp.	Trace	5 - 10 feet	Tall Shrub	
					Cat	tail spp.	Medium	Unspecified	Non-Wood	
					But	tonbush	Trace	Variable	Tall Shrub	
					A	Alder	Medium	Variable	Tall Shrub	
					Phragm	ites (native)	High	Unspecified	Non-Wood	
					Northern	White Cedar	Low	Variable	Sapling	
					Red	d Maple	Trace	>20 feet	Pole	
					Red Osi	er Dogwood	Trace	Variable	Tall Shrub	
65	4130	- Aspen	S	Sapling Medium	71.0	3	Immature	N/A		Harvested in 2017. There are some low, wet pockets that are struggling
Ca	anopy Species	% Cover	Size Class	DBH Age	Sub-Car	opy Species	Density	Avg. Height	Size	to regenerate. This in comblination with browsing pressure has resulted in a stand only 50% stocked (observed at 3-years old). Occasional
	aking Aspen	69	Sapling	1 3		seech	Trace	< 5 feet	Sapling	residual pole quaking aspen, tamarack. The next inventory cycle will
Biç	gtooth Aspen	15	Sapling	1	A	Alder	Trace	Variable	Tall Shrub	allow for this stand to more adequately regenerate, or at least give better
F	Red Maple	10	Sapling	1	Northe	rn Pin Oak	Low	Variable	Sapling	definition to the areas which may not recover as a forested type.  Residual conifer in northwest.
В	lack Cherry	2	Sapling	1	Wh	ite Oak	Trace	< 5 feet	Sapling	Residual Coffiler III Hoftifwest.
E	Balsam Fir	3	Sapling	2	Blackber	ry/Raspberry	Medium	< 5 feet	Tall Shrub	
V	White Pine	1	XLog	20	Red	d Maple	Low	< 5 feet	Sapling	
					Cat	tail spp.	Low	Unspecified	Non-Wood	
					В	ulrush	Low	Unspecified	Non-Wood	
					Bal	sam Fir	Low	< 5 feet	Sapling	
					Will	ow spp.	Trace	< 5 feet	Tall Shrub	
					Red Osi	er Dogwood	Low	< 5 feet	Tall Shrub	
					White	e Spruce	Trace	< 5 feet	Sapling	
66	6220 - A	lder/willow	,	Nonstocked	6.8	L	Jnspecified	Managed C	pening	FTP #W52-423. Mowed to regenerate tag alder for woodcock/grouse
					Sub-Car	opy Species	Density	Avg. Height	Size	habitat. Complete 1/2016. Single clump of Michigan holly escaped brushhog (adjacent to RM), and
					A	Alder	High	< 5 feet	Tall Shrub	with the exception of scattered residual trees (RM, BF, QA in p/s/l), this i
					В	ulrush	Full	Unspecified	Non-Wood	one of two woody shrub species present across the site post-harvest.  Alder responded very well to treatment. Few scattered heavily browsed
					Red	d Maple	Low	Variable	Sapling	raider responded very well to treatment. Few scattered neavily browsed red maple "shrubs" (<5').
					Quaki	ng Aspen	Trace	>20 feet	Pole	Trace nannyberry on the perimeter escaped harvest.
					Bal	sam Fir	Trace	>20 feet	Pole	
					Michi	gan Holly	Trace	5 - 10 feet	Tall Shrub	
69	6229 - Mixed	d lowland s	hrub	Nonstocked	1.2			No		



Stand	Level 4 C	over Typ	e Si	ze De	nsity	Acres	Stand Age E	BA Range	Managed \$	Site	General Comments
70	6220 - A	lder/willov	v N	Nonsto	ocked	6.1 Un		Inspecified	Managed Opening		FTP #W52-423. Mowed to regenerate tag alder for woodcock/grouse
						Sub-Ca	nopy Species	Density	Avg. Height	Size	habitat. Complete 1/2016. Tag alder regeneration <5'. Residual trees scattered. (Incomplete specie
						T	ag Alder	High	< 5 feet	Tall Shrub	list.)
						Qua	king Aspen	Low	>20 feet	Pole	
						Re	ed Maple	Trace	>20 feet	Sapling	
71	4191 - Mixed Upla Co	and Decid onifer	uous with Po	letimb	er Wel	l 12.8	27	51-80	N/A		Distinct upland edge of Black River floodplain. Adjacent clearcut pushed into this stand but is dominated by red maple. Trace amounts of bigtooth
C	Canopy Species	% Cove	r Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	and quaking aspen present. Also trace yellow birch, sugar maple, jack pine, basswood, and scotch pine. Beaver damage (current and older)
	White Oak	1	Pole/Sapling	7		Re	ed Maple	Medium	Variable	Sapling	present. Scattered dead ash. Scattered stumps with fire scars. East legs
	Red Maple	30	Pole/Sap/Log	6	27		Alder	Low	5 - 10 feet	Tall Shrub	
North	nern White Cedar	1	Log	12		Gr	ape Vine	Trace	Unspecified	Vine	conifer and hardwood. West half is much more sap/pole, reflective of adjacent clearcut (except along edges of floodplain). West end has a
No	orthern Pin Oak	15	Pole/Sapling	5		Ch	okeberry	Trace	5 - 10 feet	Tall Shrub	significant presence of red pine (trace jack and scotch pine). Balsam fir
V	White Spruce	1	Log/Pole	12		W	hite Pine	Trace	Variable	Sapling	dominates far west tip.
	Paper Birch	15	Pole/Log/Sap	8		Bla	ck Cherry	Trace	>20 feet	Sapling	
	Red Pine	5	Pole/Log/Sap	8		Sv	veet Fern	Trace	< 5 feet	Tall Shrub	
;	Silver Maple	2	Pole/Log	8		Ва	alsam Fir	Medium	Variable	Sapling	
	White Pine	5	Log/Pole/XLog	14	63	Haw	thorn (spp.)	Trace	< 5 feet	Tall Shrub	
	Balsam Fir	24	Pole/Log/Sap	7		Е	Bur Oak	Trace	10 - 20 feet	Sapling	
	Bur Oak	1	Pole	7		Pi	n Cherry	Trace	5 - 10 feet	Sapling	
					1	Ame	erican Elm	Trace	>20 feet	Pole	
						W	hite Ash	Trace	Variable	Sapling	
						Serviceb	erry (Juneberry)	Trace	5 - 10 feet	Sapling	
						W	hite Oak	Trace	>20 feet	Sapling	
						North	ern Pin Oak	Low	Variable	Sapling	
						W	ld Raisin	Low	5 - 10 feet	Tall Shrub	
74	613 - Lowlan	d Mixed F	orest Saw	timbei	r Mediu	m 13.9	105	1-50	N/A		Stand is a transition zone between upland and lowland. More upland areas are dominated by aspen and maple with balsam fir, scattered oak. Lowland areas are dominated by cedar with spruce and fir, scattered aspen, maple.
76	6120 - Lo	wland Ce	dar Pole	timbe	r Mediu	m 2.5	118	1-50	N/A		Trace white and red pine on northeast perimeter. Trace black spruce, but oak, and tamarack in canopy. West side of stand is more log and slightly
	Canopy Species		r Size Class	_	I Age		nopy Species		Avg. Height	Size	higher density. East side is pole domianted and lower BA, higher alder
-	Silver Maple	2	Pole/Log	8			llow spp.	Trace	5 - 10 feet	Tall Shrub	subcanopy.
	Balsam Fir	25	Sapling/Pole/Log				ack Ash	Trace	Variable	Sapling	
V	White Spruce	2	Log/Pole	12		Gı	een Ash	Low	< 5 feet	Sapling	
	nern White Cedar	50	Pole/Log/Sap	8	118		Alder	High	Variable	Tall Shrub	
			Sapling/Pole	4	1	Wh	ite Spruce	Low	Variable	Sapling	
North	Paper Birch	20	Saping/Fule	4		****	по оргасс			1 0	
North	Paper Birch Quaking Aspen	20	Pole/Log	8			amarack	Trace	10 - 20 feet	Sapling	