

Compartment Review Presentation

Newberry Forest Management Unit

Compartment 42134 Entry Year 2022 Acreage: 1,938

County Luce

Management Area: Sage Truck Trail

Revision Date: 2020-08-10

Stand Examiner: Matt Payment

Legal Description:

T45N R08W, Sec 25, 26, 27

Identified Planning Goals:

Timber/Deer Yard. Active deer yard, maintain the species components as well as the age class distribution. Preserve closed canopy conifers for winter deer cover while providing a food resource with balanced harvest operations.

Soil and topography:

Markey & Carbondale muck, Millecoquins, Auger very fine sandy loam, Allendale fibre complex, paquin-finch, and Liminga. Relatively flat upland ground which gradually slopes downward into wet, low ground.

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

This compartment

is made up entirely of State Ownership and is bordered on all sides by state owned land. It is located in the southeast corner of Luce County.

Unique Natural Features:

The Natural Features Inventory does not list any natural features.

Archeological, Historical, and Cultural Features:

The site of the old Kneeland-Bigelow logging camp is located in this compartment.

Special Management Designations or Considerations:

Deer Yard

Watershed and Fisheries Considerations:

This compartment contains portions of the East Branch Sage River and a tributary to McLeod Ditch. The East Branch Sage River is not a designated trout stream so standard BMP's should apply to treatments proposed in adjacent stands. However, the tributary to McLeod Ditch is a designated trout stream and any proposed treatments in stands susceptible to aspen regeneration should adhere to a 300 ft buffer.

Wildlife Habitat Considerations:

Compartment 134 lies in southern Luce county and is in the Seney Sand Lake Plain ecological sub-subsection and the Sage River Management Area. White-tailed deer, ruffed grouse, marten, black bear and snowshoe hare are featured species. The compartment lies within the Hulbert-Sage River Deer Wintering Complex which supports high numbers of deer during stressful winter periods. Management of stands in the DWC are guided by the Multi-year Treatment Plan for the Hulbert-Sage River Deer Wintering Complex. The compartment is comprised of cedar, northern hardwoods and aspen stands with a few scattered hemlock, lowland mixed and spruce types.

Harvested stands will not remove cedar or hemlock and will preserve pockets of dense cover. Harvests will occur during winter months and chipping will not be allowed to benefit wintering deer. Existing nest and den trees, snags, and woody debris will be maintained in stands where they exist. Species of special interest potentially using this compartment include white-tailed deer, black bear, bobcat, hare, coyote, fox, gray wolves, and ruffed grouse and woodcock.

Mineral Resource and Development Concerns and/or Restrictions

Sections 25-27, T45N-R8W, Luce County

No known potential exists for commercial oil & gas production in this part of the state, and there is no known potential for metallic minerals in this area. The closest active sand/gravel pit is roughly three miles to the northeast, and the Hendricks limestone quarry is three miles to the southwest. There is likely some potential for both sand & gravel and high-purity limestone within the compartment. No current mineral leasing activity exists in the area.

Vehicle Access:

The compartment is two miles south of M-28. The Kneeland-Bigelow Road runs from M-28 to the compartment and continues to the Sage Truck Trail. However, the way to access the compartment is to come up through Mackinaw County via the Dinkey Line Road due to the condition of the old Kneeland-Bigelow Road. The State of Michigan does have legal easement where the road crosses private properity adjacent to M-28.

Survey Needs:

No Survey Needs

Recreational Facilities and Opportunities:

There are no designated trails in this compartment. The main recreational opportunity within this compartment would be hunting.

Fire Protection:

The potential for large fire growth is low because of fragmented fuel types and lowland cover types, but response travel times are very long. Risk to private properties would be low.

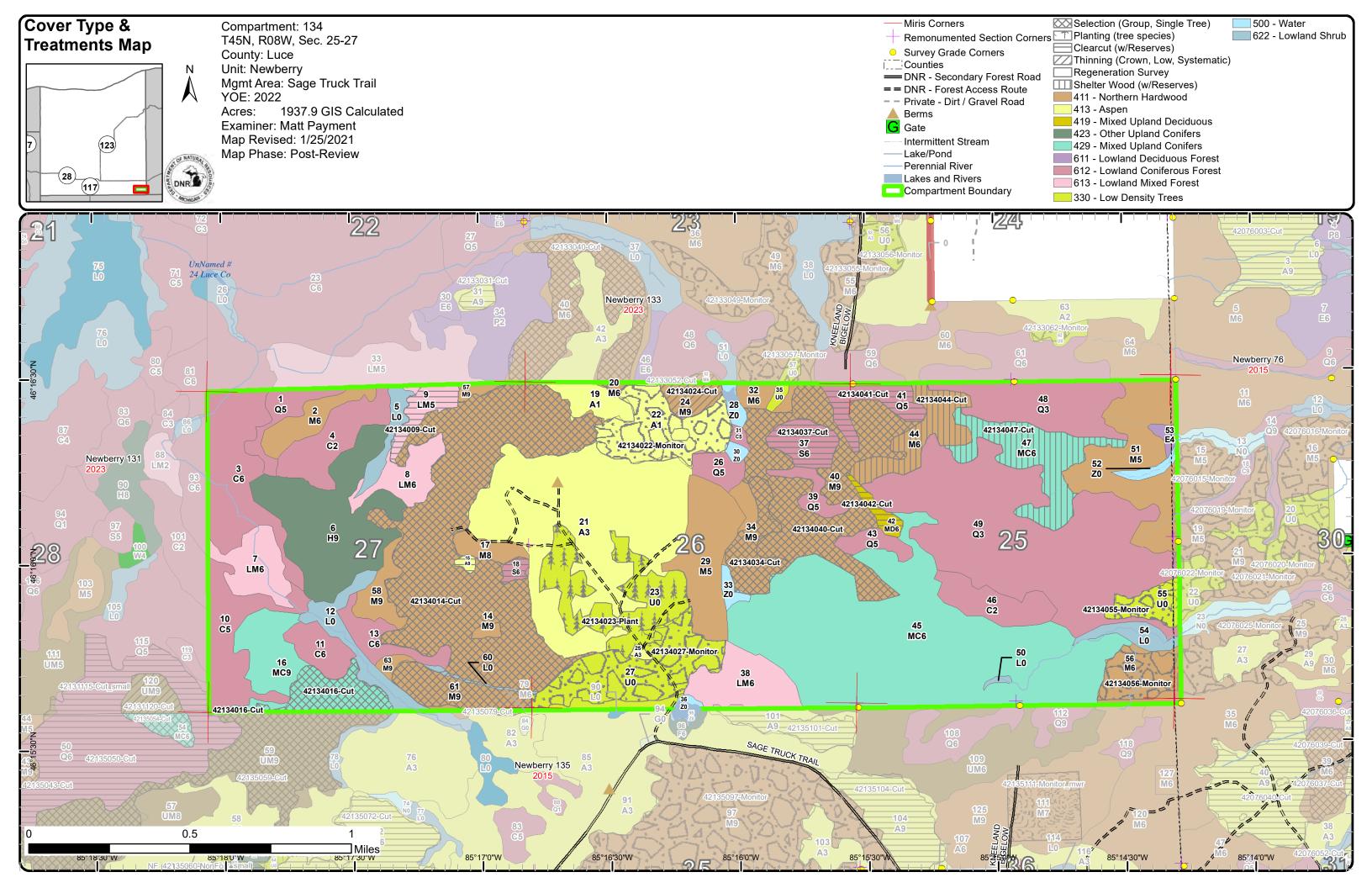
Additional Compartment Information:

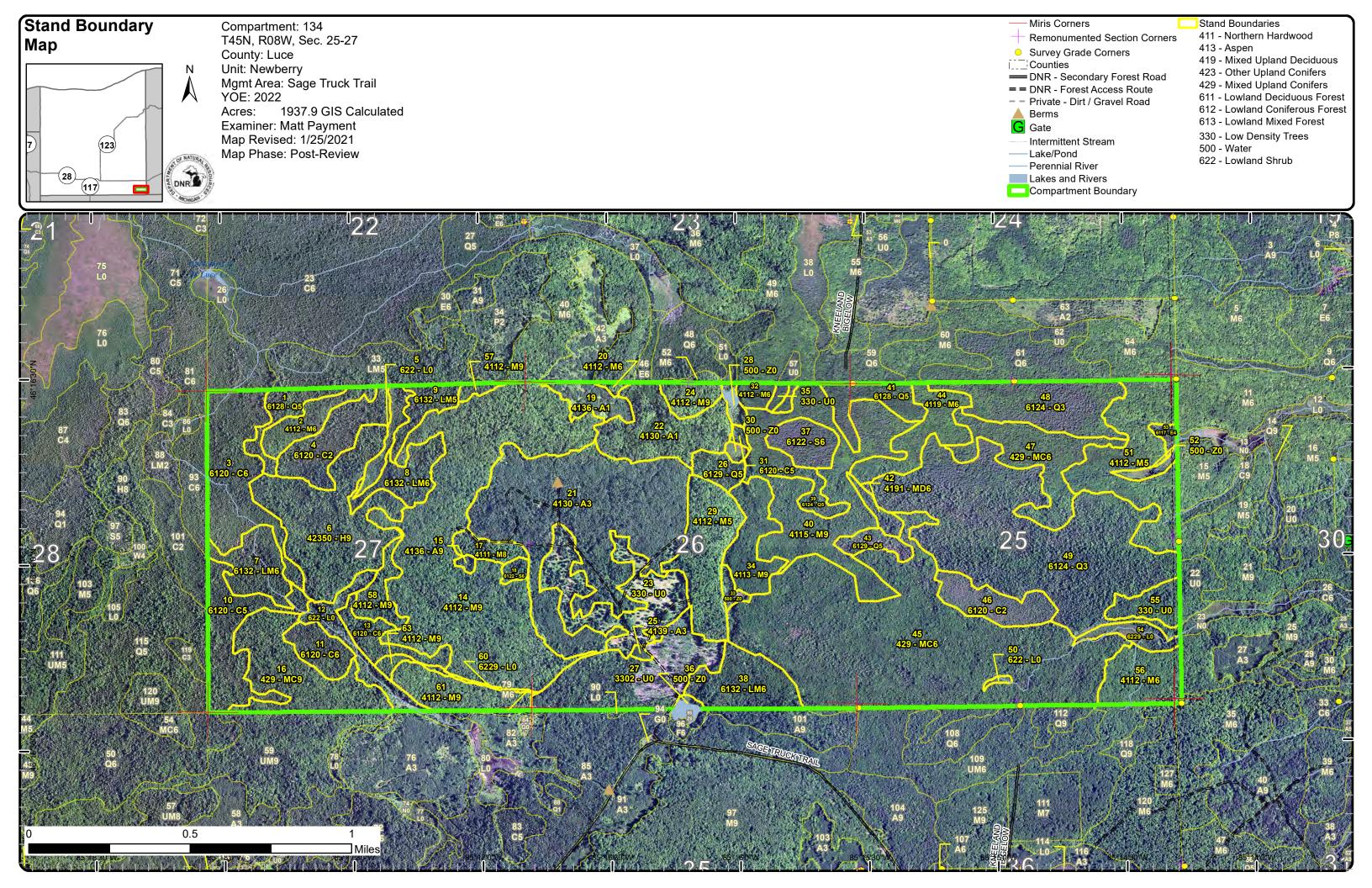
The following reports from the Inventory are attached:

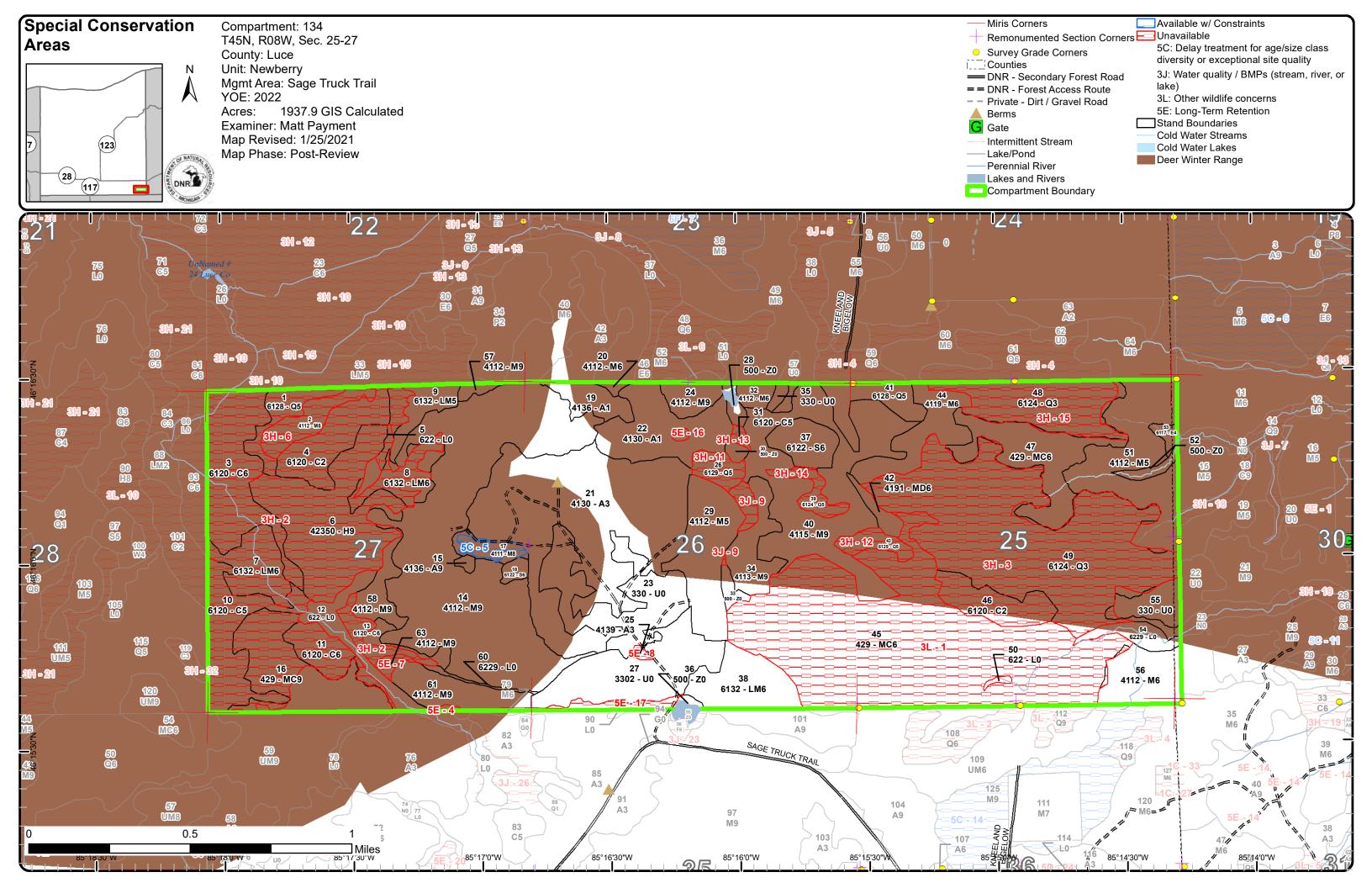
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

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

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







Compartment 134 Year of Entry 2022

Newberry Mgt. Unit
Matt Payment : Examiner



Age Class

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Aspen	0	42	13	159	0	0	2	0	0	0	0	0	0	0	0	0	0	0	216
Cedar	0	0	0	0	0	0	0	2	22	69	38	29	0	0	15	0	0	0	175
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79	0	79
Low-Density Trees	125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	125
Lowland Conifers	0	0	0	0	0	228	9	0	48	0	0	0	0	0	0	0	0	0	284
Lowland Deciduous	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	43	42	0	0	0	0	0	0	0	85
Lowland Shrub	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	16	0	0	3	0	0	0	0	0	0	19
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
Northern Hardwood	0	0	0	0	0	0	0	150	16	260	130	0	0	0	0	0	0	0	556
Upland Conifers	0	0	0	0	0	0	0	41	0	244	0	0	0	0	0	50	0	0	335
Water	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Total	181	42	13	159	0	231	11	193	107	616	210	32	0	0	15	50	79	0	1938



Report 2 – Treatment Summary

Newberry Mgt. Unit Year of Entry: 2022

Acres of Harvest

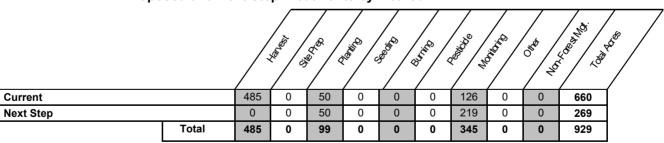
Compartment 134
Total Compartment Acres: 1,938

Commercial Harvest - 485 Harvests with Site Condition - 0 Next Step Harvest - 0 Habitat Cut - 0

Cover Type by Harvest Method

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								THE STATE OF THE PARTY OF THE P			Set Light	POS /
Aspen		2	0	0	0	0	0	0	0	0	2	ĺ
Lowland Conifers		18	0	0	0	0	0	0	0	0	18	1
Lowland Mixed Forest		11	0	0	0	0	0	0	0	0	11	
Lowland Spruce/Fir		19	0	0	0	0	0	0	0	0	19	
Mixed Upland Deciduous		5	0	0	0	0	0	0	0	0	5	
Northern Hardwood		0	330	0	0	27	10	0	0	0	367	
Upland Conifers		0	22	0	0	41	0	0	0	0	63	1
	Total	55	352	0	0	68	10	0	0	0	485	

Proposed and Next Step Treatments by Method



Compartment: 134

Year of Entry: 2022

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

Approved Treatments:

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t а

n

d

42134009-Cut 11.3 6132 - Mixed Poletimber 86 81-110 Harvest Clearcut with 6132 - Mixed Even-Aged No Lowland Forest with Medium Retention Lowland Forest

Cedai with Cedar

Prescription clearcut the hardwoods and black spruce to regenerate. leave all cedar and any hemlock. Deer yard winter cut no chipping Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Old next step comments: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, basswood, balsam fir, white spruce, black spruce, hemlock, red pine, and white pine. Comment:

Site Condition

Proposed Start Date: 10/1 /2011

42134014-Cut 219 0 4112 - Maple, Sawtimber 83 81-110 Harvest Single Tree 4112 - Maple, Uneven-Nο Beech, Cherry Beech, Cherry Well Selection Aged Association Association

Prescription mark to harvest with a target BA of 80-90 sq ft leave all hemlock and hardwoods with in hemlock pockets to maintain closed canapy, leave some mature aspen and large white pine as well as any multi-treed pockets of cedar. high ground app middle 1/3 my be fall harvested Specs: beginning October 1, Deer yard winter cut the rest no chipping any hemlock cut for road access should be left as nurse logs

Next Step Treatments:

Acceptable

Regen: Other

Old next step comments: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, Comment: maple, cherry, cedar, yellow and paper birch, basswood, balsam fir, white spruce, black spruce, hemlock, red pine, and white pine.

Site Condition

Proposed Start Date: 10/1 /2011

42134015-Cut 4136 - Aspen, Sawtimber 58 1.6 111-Harvest Clearcut 4130 - Aspen Even-Aged No Mixed Conifer Well 140

Prescription Clear cut to regenerate aspen Small stand no in stand retention paint red line on mix of species including mature aspen for retention. Deer Specs: yard winter cut no chipping

Next Step **Treatments:**

Acceptable Regen:

Other Comment:

Old next step comments: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, basswood, balsam fir, white spruce, black spruce, hemlock, red pine, and white pine.

Site Condition

Newberry	Mgt. Unit	
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Treatments



s t		Newberry	Mgt. Unit		Repoi	rt 3	Treatments		Compartmen Year of Entry		DNR DNR
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
16	42134016-Cut	22.0 42	29 - Mixed Upland Conifers	Sawtimbe Well	r 146	171- 200	Harvest	Single Tree Selection	42390 - Mixed Non-Pine Upland Conifers	Uneven- Aged	No
Spe Nex	ecs: needed	d for oppera	and in areas of har itability. Deer yard al Regen (Re-Inven	winter cut r			eave hemlock, m	nulti treed cedar po	ockets, and cherry.	cut spruce/f	ir ware
Acc Reg		able regene e, and white	eration is aspen, m e pine.	aple, cherr	y, ceda	r, yellow	and paper birch,	basswood, balsan	n fir, white spruce,	black spruce	э, hemlock,
Oth Con			mments: Follow-up dar, yellow and pap								
	Condition posed Start Date	<u>:</u> 10/1 /201	14								
18	42134018-Cut	3.2 6	122 - Black Spruce	Poletimbe Well	r 108	111- 140	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	d No
Spe Nex		ut to regen	erate leave all hem	nlock for ret	ention.	Deer yar	d winter cut no c	hipping			
Acc Reg	e <u>eptable</u> gen:										
Othe Con	_		mments: Follow-up dar, yellow and pap								
Site	<u>Condition</u>										
Pro	posed Start Date	<u>:</u> 10/1 /201	11								
20	42134020-	1.0	4112 - Maple,	Poletimbe	r 83	81-110	Monitoring	Natural Regen	4112 - Maple,	Uneven-	No

20	42134020-	1.0	4112 - Maple,	Poletimber	83	81-110	Monitoring	Natural Regen	4112 - Maple,	Uneven-	No
	Monitor		Beech, Cherry	Well				(Re-Inventory)	Beech, Cherry	Aged	
			Association						Association		

<u>Prescription</u> monitor for regen of hardwoods.

Specs:

Next Step Treatments:

Acceptable Regen: Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, basswood, balsam fir, white spruce, black spruce, hemlock, red pine, and white pine.

<u>Other</u> Percent to Treat = 100%

Comment:

Site Condition

s t		Newberry	Mgt. Unit		Repo	rt 3 1	Γreatments		Compartmen Year of Entr		DNR DNR
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
22	42134022- Monitor	41.2	4130 - Aspen	Sapling Poor	2	1-50	Monitoring	Natural Regen (Re-Inventory)	4139 - Aspen, Mixed Deciduous	Even-Aged	No
Spec Next		table regene e, and white		naple, cherr	y, ceda	r, yellow a	and paper birch	, basswood, balsam	fir, white spruce,	black spruce	, hemlock,
Rege Othe Com	<u>en:</u> red pin	table regene e, and white nt to Treat =	e pine.	naple, cherr	y, ceda	r, yellow a	and paper birch	, basswood, balsam	fir, white spruce,	, black spruce	, hemlock,
	osed Start Date	e: 10/1 /202	24								
23	42134023- Plant cription Apple t	49.7 3	30 - Low-Density Trees	Nonstocke	ed	Unspec ified	Planting	Other - Specify	330 - Low- Density Trees		No
Next		ıg, Initial Pla	nnt								
Acce Rege	<u>ptable</u> scatter en:	ed apple tre	ees								
Othe Com	<u>r</u> Percer ment:	nt to Treat =	100%								
Site (<u>Condition</u>										
Propo	osed Start Date	<u>:</u> 10/1 /202	21								
24	42134024-Cut	9.8	4112 - Maple, Beech, Cherry Association	Sawtimbe Well	r 85	111- 140	Harvest	Crown Thinning	4112 - Maple, Beech, Cherry Association	Even-Aged	No

<u>Prescription</u> mark to harvest, target ba of 80 sq ft leave all hemlock. Deer yard winter cut no chipping <u>Specs:</u>

Next Step Treatments:

Acceptable Regen:

<u>Other</u> Comment:

Site Condition

Compartment: 134 s Year of Entry: 2022 t а **Treatment** Stand Size Stand BA **Treatment Treatment** Cover Type Acres Age Habitat n Method Objective Name CoverType Density Age Range Type Structure Cut d 27 42134027-53.1 3302 - Low Density Nonstocked Unspec Monitoring Natural Regen 4191 - Mixed Even-Aged No Monitor Conifer Trees ified (Re-Inventory) Upland Deciduous with Conifer Prescription Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, vellow and paper birch, basswood, balsam fir, white spruce, black spruce, hemlock, red pine, and white pine. Specs: Next Step Treatments: <u>Acceptable</u> . Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, basswood, balsam fir, white spruce, black spruce, Regen: hemlock, red pine, and white pine. Percent to Treat = 100% **Other** Comment: Site Condition Proposed Start Date: 10/1 /2024 4113 - R.Maple, 42134034-Cut 21.0 4113 - R.Maple, Sawtimber 61 141-Harvest Single Tree Uneven-Nο Conifer Well 170 Selection Conifer Aged Prescription mark to harvest, target ba of 80 sq ft, leave all hemlock. access stand from the south west with streem crossing or from the north throught Specs: comp 133. harvest with stand 32, 35 and stand in comp 133 if prescribed, if the hardwood stand in comp 133 that stand 32 is part of is not precribed harvest with stand 35. any hemlock that is cut for road access should be left as nurse logs. Deer yard winter cut no chipping Next Step Treatments: Acceptable Regen: Other Old next step comments: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, basswood, balsam fir, white spruce, black spruce, hemlock, red pine, and white pine. Comment: Site Condition Proposed Start Date: 10/1 /2012 42134037-Cut 15.7 6122 - Black Spruce Poletimber 111-Harvest Clearcut with 6122 - Black Even-Aged No Retention Well 140 Spruce Clearcut w/ retention: Remove all spruce and hardwoods in the stand. Leave all hemlock and cedar. May be some retention pockets to be **Prescription** marked in areas of heavier cedar. Specs: Leave all cedar on the landscape, and where cedar density precludes cutting of other species, leave as a retention pocket. Also leave all dense sub-merchantable pockets of balsam fir. Stand falls within the DWC and will be harvested to provide food for the winter deer. Winter Cut, No chipping allowed.

Stand acreage may vary after sale prep.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

<u>Acceptable</u> Black spruce with some deciduous species.

Regen: **Other**

Stand is ready to be harvested but could be left to cut with stand 41 with the delayed cutting in the DWC for 10/1/2027.

Comment:

Site Condition

Conifer

DNR MICHIGAN
11-1-14-4

n d	Treatment Name	Acres	Stand CoverType		Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
40	42134040-Cut	90.2	4115 - Y.Birch, Hemlock NH	Sawtimber Well	68	111- 140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven- Aged	No

Prescription Single Tree Selection: Mark stand 70-90BA, leave all hemlock and cedar. Remove all balsam, aspen, and spruce if present.

Specs:

Leave all cedar on the landscape, and where cedar density precludes cutting of other species, leave as a retention pocket. Also leave all dense sub-merchantable pockets of balsam fir.

Stand falls within the DWC and will be harvested to provide food for the winter deer. Winter Cut, No chipping allowed.

Stand acreage may vary after sale prep.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable mixed deciduous species with a small component of conifer.

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2021

76 42134041-Cut 176 6128 - Lowland Poletimber 111-Harvest Clearcut with 612 - Lowland Even-Aged Nο Coniferous, Mixed Medium 140 Retention Coniferous Deciduous Forest

Clear cut with retention: Remove all species within the stand except cedar and hemlock. Remove some white pine of varying sizes and Prescription Specs: mark some to leave. 3% of stand acreage left in pocket form for retention.

Leave all cedar on the landscape, and where cedar density precludes cutting of other species, leave as a retention pocket. Also leave all dense sub-merchantable pockets of balsam fir.

Stand falls within the DWC and will be harvested to provide food for the winter deer. Winter Cut, No chipping allowed.

Stand acreage may vary after sale prep.

Stand will have a start date of 10/1/2027 as it is part of the food cut in the DWC.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable lowland conifers and mixed deciduous.

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2027

79 4191 - Mixed 42134042-Cut 54 4191 - Mixed Poletimber 81-110 Harvest Clearcut Even-Aged Nο **Upland Deciduous** Well Upland with Conifer Deciduous with

Prescription Clearcut: Remove all species in the stand except hemlock and white pine. Do not cut cedar.

Specs:

Stand falls in the DWC and will be cut for food for wintering deer. Winter cut. Stand acreage may vary after prep.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable mixed deciduous some conifers.

Regen:

Other Comment:

Site Condition

55 42134055- 10.9 330 - Low-Density Nonstocked 0 Monitoring Natural Regen 4136 - Aspen, Even-Aged No Monitor Trees (Re-Inventory) Mixed Conifer

Prescription Monitor for adequate natural regeneration following harvest.

Specs:

Check with stand 22 in C76.

Next Step Treatments:

Acceptable Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, basswood, balsam fir, white spruce, black spruce, hemlock,

Regen: red pine, and white pine.

Other Percent to Treat = 100%

Comment:

Site Condition

Newberry Mgt. Unit Report 3 -- Treatments Compartment: 134 S Year of Entry: 2022 t а **Cover Type Treatment** Acres Stand Size Stand BA **Treatment Treatment** Age Habitat n Method Objective Density Structure Name CoverType Age Range Type Cut d 56 42134056-19.5 4112 - Maple, Poletimber 81-110 Monitoring Natural Regen 4112 - Maple, Uneven-No (Re-Inventory) Beech, Cherry Beech, Cherry Well Aged Monitor Association Association <u>Prescription</u> Monitor for adequate natural regeneration following harvest Specs: Check with stand 25 in C76.. Next Step **Treatments:** Acceptable Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, basswood, balsam fir, white spruce, black spruce, hemlock, red pine, and white pine. Regen: <u>Other</u> Percent to Treat = 100% Comment:

Total Treatment Acreage Proposed: 660.3

Proposed Start Date: 10/1 /2022

Site Condition

Report 4 – Site Conditions

Newberry Mgt. Unit **Matt Payment : Examiner** Compartment: 134 Year of Entry: 2022



Availability for Management Acres Acres Avail Total Acres **Dominant Site Conditions**

	,	,10,00 ,11un	, 10.00	Dominant Site Conditions					
Acres	Available	With Condition	Not Available		5C	3H	3J	3L	5E
215	213	0	2	Aspen	0				2
174	6	0	168	Cedar		168			
79	1	0	77	Hemlock		77			
125	118	0	7	Low-Density Trees		1			6
284	25	0	260	Lowland Conifers		260			
3	3	0	0	Lowland Deciduous					
84	48	0	36	Lowland Mixed Forest		36			
41	33	0	8	Lowland Shrub		8			
19	19	0	0	Lowland Spruce/Fir		0			
5	5	0	0	Mixed Upland Deciduous					
556	522	7	26	Northern Hardwood	7	17	5	1	4
336	63	0	273	Upland Conifers		29		244	
15	15	0	0	Water					
1,938	1,072	7	860	Total Forested Acres	7	597	5	245	12
	55%	0%	44%	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 Availabili		Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1 Unavailable	3L: Other wildlife concerns	245	Unspecified	Unspecified	Unspecified	Unspecified
Comments: DWC						
2 Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	308	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Obligate deer yar	d on purchased lands.					
Obligate deer yar	d on purchased lands.					

Report 4 – Site Conditions

Newberry Mgt. Unit

Matt Payment : Examiner



3	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	202	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Obligate deer yard	on purchased lands.					
4	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Part of 14 left after	last harvest close to stream and	d bank o	f river.			
5	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
6	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	16	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Potentially harvest	next entry for food stand. As no	ot to spre	ead the food across the w	hole compartment but to is	olate it to an area.	
7	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
8	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

Report 4 – Site Conditions

Newberry Mgt. Unit Matt Payment : Examiner



9 Unavailable	3J: Water quality / BMPs (stream, river, or lake)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						
11 Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Obligate deer ya	rd on purchased lands.					
12 Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Obligate deer ya	rd on purchased lands.					
13 Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Obligate deer ya	rd on purchased lands.					
14 Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Obligate deer ya	rd on purchased lands.					
15 Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	44	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Obligate deer ya	rd on purchased lands.					

Report 4 - Site Conditions

Newberry Mgt. Unit
Matt Payment : Examiner

Compartment: 134 Year of Entry: 2022



16	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
17	Unavailable	5E: Long-Term Retention	6	Unspecified	Unspecified	Unspecified	Unspecified
	Unavailable omments:	5E: Long-Term Retention	6	Unspecified	Unspecified	Unspecified	Unspecified

1/25/2021 1:29:22 PM - Page 4 of 4 SWARTZN3

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				

Newberry Mgt. Unit Compartment: 134





Report 6 - EXISTING SPECIAL CONSERVATION AREA DETAILS

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

Conservation Area	і Туре	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions stocked trout populations and those of other coldwater fish specified year to year. Coldwater streams in Michigan typically provide the contributions of groundwater to their stream flows. Such streams designated as trout resources by Fisheries Order 210.	ies (e.g., slimy sculpin) to persist from ese conditions due to substantial
SCA	Habitat Area	An area that provide some specific need for the life cycle of wild and Waterfowl Production Areas, deer wintering complexes in loopenings and savannas. Habitat areas are distinct from critical hendangered or threatened species (such as Kirtland's warbler or general in nature, are not primarily associated with threatened or covered by species recovery plans that are developed in cooper	wland conifer communities, grassland nabitat designated for recovery of r piping plover areas) in that they are more r endangered species, and are not



stand	Level 4 C	over Type	:	Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
1	6128 - Lowland Dec	Coniferous iduous	, Mixed Po	letimbei	Mediun	n 12.9	76	81-110	N/A		Stand mainly spruce moving towards cedar in stand 3, scattered white pine and some hardwood mixed in. Edges along stand 2 have more
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	hardwood, should be cut with stand 33 to the north or with stand 2 whe it goes. Access is very difficult would have to freeze roads in or try to
	Red Maple	15	Pole	7		Ва	ılsam Fir	Low	Variable	Sapling	navigate old ice roads to the stand. Ground had some water not as we
	Paper Birch	8	Pole	6		Re	ed Maple	Low	Variable	Sapling	as expected though.
	Black Spruce	40	Pole	7	76						
No	rthern White Cedar	15	Pole	6							
	White Pine	15	Log/Pole	13							
2	4112 - Maple, Asso	, Beech, Ch ociation	nerry F	oletimb	er Well	15.9	76	111-140	N/A		Hardwood ridge in the swamp. Some scattered log sized tree appear be dying out, mostly poles size red maple trees. Transition into lowlar
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	stand around the edges. Scattered hemlock and spruce along edges of the stand. Access old grades if can find them or cut and freeze a new
	Red Maple	70	Pole	9	76	Ва	llsam Fir	High	10 - 20 feet	Sapling	road in.
	Yellow Birch	3	Pole/Log	8		Н	emlock	Low	>20 feet	Pole	
	Paper Birch	2	Pole	6		Re	ed Maple	Low	5 - 10 feet	Sapling	
	White Spruce	5	Pole/Log	8							
No	rthern White Cedar	3	Pole	7							
	White Pine	2	XLog	20							
	Hemlock	3	Log/Pole	12							
	Black Cherry	2	Sapling	3							
3	6120 - Lov	wland Ceda		oletimb		53.7	84	81-110	N/A		Large cedar component with overtopping white pine in the middle of the stand. Some tamarack, spruce, balsam fir, yellow/ paper birch preser
	Canopy Species		Size Class		Age		nopy Species	Density	Avg. Height	Size	the stand. Low wet, with a few old ice roads through the stand.
	Paper Birch	10	Pole	5			ag Alder	Low	10 - 20 feet	Tall Shrub	
	Balsam Fir	3	Sapling	3			ılsam Fir	Low	Variable	Sapling	
	Black Spruce	7	Pole	6		Blad	ck Spruce	Low	5 - 10 feet	Sapling	
No	rthern White Cedar	60	Pole/Log	8	84						
	White Pine	5	Log	13							
	Tamarack	8	Pole	6							
	Yellow Birch	5	Pole	7							
	Hemlock	2	Log	13							
4	6120 - Lo	wland Ceda	ar S	apling N		28.9	101	51-80	N/A		Open grown small diameter cedar with some spruce and large white prostored throughout. Stand was protty wat when visited would be be
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	scattered throughout. Stand was pretty wet when visited would be ha to cross. Western edge had more larger white pine and was slightly
	Black Spruce	3	Pole	6		Ва	ılsam Fir	Medium	5 - 10 feet	Sapling	higher as you move into the hardwood stand.
No	rthern White Cedar	77	Sapling/Pole	4	101	Ta	ag Alder	Medium	5 - 10 feet	Tall Shrub	
	White Pine	20	Log	14							
5	622 - Lov	vland Shrub)	Nonsto	cked	9.0	Uı	nspecified	No		Low wet with standing water. Small scrubby sub merchantable trees on the stand.



tand	Level 4 Co	over Type	•	Size De	ensity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
6	42350 - Upl	and Hemlo	ock S	awtimb	er Well	78.7	282	171-200	N/A		Large component of hemlock in the stand, appears to be two aged with red maple being prevalent through the stand. Pockets of paper birch and
С	anopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	cedar in lower areas. Access difficult with drains around and through the
	Red Maple	18	Pole/Log	9	76	Ва	lsam Fir	Medium	5 - 10 feet	Sapling	stand. Also deer yard.
`	Yellow Birch	5	Log/Pole	13							
l	Paper Birch	5	Pole	6							
В	Black Spruce	10	Pole	7							
North	ern White Cedar	10	Pole/Log	7							
	White Pine	2	XLog	21							
	Hemlock	50	Log/Pole	14	282						
7	6132 - Mixed Lov Ce	wland Fore edar	est with P	oletimb	er Well	23.0	95	81-110	N/A		Some of the cedar is dying out of stand, stand regeneration consists of Paper birch, red maple, and balsam fir in areas where down trees open
С	anopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	the canopy. Ground is wet old ice roads and some drainages run through the stand. Deer yard area. No deer at time of inventory. Access would
I	Paper Birch	50	Pole	8	95	Re	d Maple	Medium	10 - 20 feet	Sapling	have to be from the south.
В	Black Spruce	12	Pole/Log	9		Par	per Birch	Medium	10 - 20 feet	Sapling	
_											
	nern White Cedar	35	Pole/Sap/Log	8			lsam Fir	Medium	10 - 20 feet	Sapling	
North 8	6132 - Mixed Lo	wland Fore	est with P	oletimb	er Well	18.7	90	81-110	N/A		Low stand combined with portion of higher ground on the east side that has red maple and more hardwood before dropping into the lowland wet cedar and spruce on the west half of the stand. Stand is to intertwined to
North 8	6132 - Mixed Loc Ce	wland Fore	est with P	oletimb	I Age	18.7 Sub-Ca	90	81-110 Density	N/A Avg. Height	Size	has red maple and more hardwood before dropping into the lowland wet
North 8	6132 - Mixed Lo	wland Fore	est with P	oletimb DBH		18.7 Sub-Ca	90 nopy Species	81-110 Density Medium	N/A	Size Sapling	has red maple and more hardwood before dropping into the lowland wet cedar and spruce on the west half of the stand. Stand is to intertwined to easily cut it in half. Drains and old grades present in the stand.
North 8 C	6132 - Mixed Loc Ce Canopy Species Red Maple Yellow Birch	wland Foreedar **Cover* 35	est with P Size Class Pole	oletimb	I Age	18.7 Sub-Ca Ba Ta	90 nopy Species lsam Fir	81-110 Density Medium Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size Sapling Tall Shrub	has red maple and more hardwood before dropping into the lowland wet cedar and spruce on the west half of the stand. Stand is to intertwined to easily cut it in half. Drains and old grades present in the stand.
8 C	6132 - Mixed Loc Ce Canopy Species Red Maple	wland Foreedar % Cover	est with P Size Class Pole Pole	DBH 7 8	I Age	18.7 Sub-Ca Ba Ta	90 nopy Species	81-110 Density Medium	N/A Avg. Height 5 - 10 feet	Size Sapling	has red maple and more hardwood before dropping into the lowland wet cedar and spruce on the west half of the stand. Stand is to intertwined to easily cut it in half. Drains and old grades present in the stand.
8 C	6132 - Mixed Loo Ce Canopy Species Red Maple Yellow Birch	wland Foreedar **Cover* 35 10 5	Size Class Pole Pole Pole Pole	DBH 7 8 7	I Age	18.7 Sub-Ca Ba Ta	90 nopy Species lsam Fir	81-110 Density Medium Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size Sapling Tall Shrub	has red maple and more hardwood before dropping into the lowland wet cedar and spruce on the west half of the stand. Stand is to intertwined to easily cut it in half. Drains and old grades present in the stand.
8 C	6132 - Mixed Loo Ce Canopy Species Red Maple Yellow Birch Paper Birch	wland Fore edar **Cover 35 10 5 9	est with P Size Class Pole Pole Pole	DBH 7 8 7 6	Age 90	18.7 Sub-Ca Ba Ta	90 nopy Species lsam Fir	81-110 Density Medium Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size Sapling Tall Shrub	has red maple and more hardwood before dropping into the lowland wet cedar and spruce on the west half of the stand. Stand is to intertwined to easily cut it in half. Drains and old grades present in the stand.
8 C	6132 - Mixed Lor Ce Canopy Species Red Maple Yellow Birch Paper Birch Black Spruce	wland Fore edar **Cover* 35 10 5 9 30	est with P Size Class Pole Pole Pole Pole Pole Pole Pole/Log	DBH 7 8 7 6 8	Age 90	18.7 Sub-Ca Ba Ta	90 nopy Species lsam Fir	81-110 Density Medium Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size Sapling Tall Shrub	has red maple and more hardwood before dropping into the lowland wet cedar and spruce on the west half of the stand. Stand is to intertwined to easily cut it in half. Drains and old grades present in the stand.
8 C	6132 - Mixed Lor Cesanopy Species Red Maple Yellow Birch Paper Birch Black Spruce hern White Cedar White Pine Hemlock	wland Fore edar % Cover 35 10 5 9 30 2 6	est with P Size Class Pole Pole Pole Pole Pole Log/Pole Log/Pole	DBH 7 8 7 6 8 13 9 etimbe	90 90 138	18.7 Sub-Ca Ba Ta	90 nopy Species Ilsam Fir ag Alder ad Maple	81-110 Density Medium Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size Sapling Tall Shrub	has red maple and more hardwood before dropping into the lowland wet cedar and spruce on the west half of the stand. Stand is to intertwined to easily cut it in half. Drains and old grades present in the stand. Lowland with mixed hardwoods scattered throughout the stand. Areas of higher hardwoods with areas dropping into cedar and spruce. Access
8 C	6132 - Mixed Lor Cesanopy Species Red Maple Yellow Birch Paper Birch Black Spruce hern White Cedar White Pine Hemlock	wland Fore edar % Cover 35 10 5 9 30 2 6 wland Fore	est with P Size Class Pole Pole Pole Pole Pole Log/Pole Log/Pole	DBH 7 8 7 6 8 13 9 etimbe	90 90 138	18.7 Sub-Ca Ba Ta Re	90 nopy Species Ilsam Fir ag Alder ad Maple	81-110 Density Medium Low Medium	N/A Avg. Height 5 - 10 feet 5 - 10 feet Variable	Size Sapling Tall Shrub	has red maple and more hardwood before dropping into the lowland wet cedar and spruce on the west half of the stand. Stand is to intertwined to easily cut it in half. Drains and old grades present in the stand. Lowland with mixed hardwoods scattered throughout the stand. Areas of
8 C	6132 - Mixed Lor Ce Canopy Species Red Maple Yellow Birch Paper Birch Black Spruce hern White Cedar White Pine Hemlock	wland Fore edar % Cover 35 10 5 9 30 2 6 wland Fore	est with P Size Class Pole Pole Pole Pole Pole Log/Pole Log/Pole est with Pole	DBH 7 8 7 6 8 13 9 etimbe	90 90 138	18.7 Sub-Ca Ba Ta Re	90 nopy Species Ilsam Fir ag Alder ad Maple	81-110 Density Medium Low Medium 81-110	N/A Avg. Height 5 - 10 feet 5 - 10 feet Variable	Size Sapling Tall Shrub Sapling	has red maple and more hardwood before dropping into the lowland wet cedar and spruce on the west half of the stand. Stand is to intertwined to easily cut it in half. Drains and old grades present in the stand. Lowland with mixed hardwoods scattered throughout the stand. Areas of higher hardwoods with areas dropping into cedar and spruce. Access
8 C	6132 - Mixed Lor Ce Canopy Species Red Maple Yellow Birch Paper Birch Black Spruce hern White Cedar White Pine Hemlock	wland Fore edar % Cover 35 10 5 9 30 2 6 wland Fore	est with P Size Class Pole Pole Pole Pole Pole Log/Pole Log/Pole Est with Pol Size Class	DBH 7 8 7 6 8 13 9 etimbe	90 90 138	18.7 Sub-Ca Ba Ta Re	90 nopy Species Ilsam Fir ag Alder ad Maple 86	81-110 Density Medium Low Medium Medium Medium 81-110 Density	N/A Avg. Height 5 - 10 feet 5 - 10 feet Variable N/A Avg. Height	Size Sapling Tall Shrub Sapling	Lowland with mixed hardwoods scattered throughout the stand. Areas of higher hardwoods with areas dropping into cedar and spruce. Access from the east through hardwoods best option.
8 C	6132 - Mixed Lor Ce Canopy Species Red Maple Yellow Birch Paper Birch Black Spruce Item White Cedar White Pine Hemlock 6132 - Mixed Lor Ce Canopy Species Red Maple	wland Fore edar % Cover 35 10 5 9 30 2 6 wland Fore edar % Cover 20	est with P Size Class Pole Pole Pole Pole Pole/Log Log/Pole Log/Pole Size Class Pole	DBH 7 8 7 6 8 13 9 etimbe	90 90 138	18.7 Sub-Ca Ba Ta Re	90 nopy Species Ilsam Fir ag Alder ad Maple 86	81-110 Density Medium Low Medium Medium Medium 81-110 Density	N/A Avg. Height 5 - 10 feet 5 - 10 feet Variable N/A Avg. Height	Size Sapling Tall Shrub Sapling	Lowland with mixed hardwoods scattered throughout the stand. Areas of higher hardwoods with areas dropping into cedar and spruce. Access from the east through hardwoods best option.



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Kange	Managed S	ile	General Comments
10	6120 - Low	vland Ced	ar Pol	etimbei	Medium	n 38.0	92	81-110	N/A		
С	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
I	Paper Birch	14	Pole	5		Ва	lsam Fir	Low	Variable	Sapling	
Е	Black Spruce	7	Pole	6		Re	d Maple	Low	Variable	Sapling	
North	nern White Cedar	75	Pole	7	92	Northern	White Cedar	Low	Variable	Sapling	
	White Pine	4	Log	14							
11	6120 - Low	vland Ced	ar P	oletimb	er Well	14.6	131	81-110	N/A		Mainly cedar with a few scattering of other species within. Stand is fairly
С	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	higher than surrounding cedar stands. Hardwoods within the stand appear to be dying out.
	Red Maple	3	Pole	8		Ва	lsam Fir	Low	5 - 10 feet	Sapling	appear to be dying eat.
`	Yellow Birch	3	Pole/Log	9							•
	Paper Birch	3	Pole	8							
	Balsam Fir	2	Pole	7							
Е	Black Spruce	2	Pole	9							
North	nern White Cedar	80	Pole/Log	9	131						
	I I a seed a sele	7	Pole/Log	9							
12	Hemlock 622 - Low			Nonsto	cked	19.5	Uı	nspecified	No		
		land Shru	b		ocked er Well	19.5	Uı 88	nspecified 81-110	No N/A		Drain running through the compartment, treed around it standing water in it. Low wet cedar stand along a drainage. Some hardwoods present within
12	622 - Low	rland Shru	b	oletimb		15.0		<u> </u>		Size	it. Low wet cedar stand along a drainage. Some hardwoods present within the stand but mainly cedar throughout. Low and wet stand would be
12 13	622 - Low 6120 - Low	rland Shru	b ar P	oletimb	er Well	15.0 Sub-Ca	88	81-110	N/A	Size Sapling	it. Low wet cedar stand along a drainage. Some hardwoods present within
12 13	622 - Low 6120 - Low Canopy Species	vland Shru	b ar Por	oletimb	er Well	15.0 Sub-Ca	88	81-110 Density	N/A Avg. Height		it. Low wet cedar stand along a drainage. Some hardwoods present within the stand but mainly cedar throughout. Low and wet stand would be
12 13	622 - Low 6120 - Low Canopy Species Red Maple	vland Shru Vland Ced	b ar Por Size Class Sapling	oletimb DBH	er Well	15.0 Sub-Ca	88 nopy Species Isam Fir	81-110 Density High	N/A Avg. Height 5 - 10 feet	Sapling	it. Low wet cedar stand along a drainage. Some hardwoods present within the stand but mainly cedar throughout. Low and wet stand would be
12 13	622 - Low 6120 - Low Canopy Species Red Maple Yellow Birch	vland Shru vland Ced % Cover 3 7	b ar Por Size Class Sapling XLog/Log	DBH 3 17	er Well	15.0 Sub-Ca	88 nopy Species Isam Fir	81-110 Density High	N/A Avg. Height 5 - 10 feet	Sapling	it. Low wet cedar stand along a drainage. Some hardwoods present within the stand but mainly cedar throughout. Low and wet stand would be
12 13 C	622 - Low 6120 - Low Canopy Species Red Maple Yellow Birch nern White Cedar	vland Shru vland Ced % Cover 3 7 80	b ar Per Size Class Sapling XLog/Log Pole/Sap/Log	DBH 3 17 8	er Well	15.0 Sub-Ca	88 nopy Species Isam Fir	81-110 Density High	N/A Avg. Height 5 - 10 feet	Sapling	it. Low wet cedar stand along a drainage. Some hardwoods present within the stand but mainly cedar throughout. Low and wet stand would be
12 13 C	622 - Low 6120 - Low Canopy Species Red Maple Yellow Birch nern White Cedar Hemlock Balsam Fir 4112 - Maple,	vland Shru vland Ced % Cover 3 7 80 5	b ar Point Size Class Sapling XLog/Log Pole/Sap/Log Pole/Sapling Pole	DBH 3 17 8 7 5	er Well	15.0 Sub-Ca	88 nopy Species Isam Fir	81-110 Density High	N/A Avg. Height 5 - 10 feet	Sapling	Low wet cedar stand along a drainage. Some hardwoods present within the stand but mainly cedar throughout. Low and wet stand would be inoperable. Stand has many areas of sheet flow running to the west. Mixed low quality hardwoods mainly red maple. Some heavy areas of
12 13 C North	622 - Low 6120 - Low Canopy Species Red Maple Yellow Birch nern White Cedar Hemlock Balsam Fir 4112 - Maple,	vland Shru vland Ced: % Cover 3 7 80 5 5 Beech, Cliciation	b ar Point Size Class Sapling XLog/Log Pole/Sap/Log Pole/Sapling Pole	oletimb DBH 3 17 8 7 5 awtimb	er Well Age	15.0 Sub-Ca Ba Re	88 nopy Species Isam Fir d Maple	81-110 Density High Low	N/A Avg. Height 5 - 10 feet Variable	Sapling	Low wet cedar stand along a drainage. Some hardwoods present within the stand but mainly cedar throughout. Low and wet stand would be inoperable. Stand has many areas of sheet flow running to the west. Mixed low quality hardwoods mainly red maple. Some heavy areas of submerchantable balsam fir. Pockets of hemlock and white pine
12 13 C North	622 - Low 6120 - Low Canopy Species Red Maple Yellow Birch hern White Cedar Hemlock Balsam Fir 4112 - Maple, Asso	vland Shru vland Ced: % Cover 3 7 80 5 5 Beech, Cliciation	b ar Por Size Class Sapling XLog/Log Pole/Sap/Log Pole/Sapling Pole herry S	oletimb DBH 3 17 8 7 5 awtimb	er Well Age 88 er Well	15.0 Sub-Ca Ba Re 196.9 Sub-Ca	88 nopy Species Isam Fir d Maple	81-110 Density High Low 81-110	N/A Avg. Height 5 - 10 feet Variable N/A	Sapling Sapling	Low wet cedar stand along a drainage. Some hardwoods present within the stand but mainly cedar throughout. Low and wet stand would be inoperable. Stand has many areas of sheet flow running to the west. Mixed low quality hardwoods mainly red maple. Some heavy areas of submerchantable balsam fir. Pockets of hemlock and white pine scattered throughout. Areas with cedar in the more wet areas of the stand. Stand is part of Sage Splash marked in 2012 and still being cut in
12 13 C North	622 - Low 6120 - Low Canopy Species Red Maple Yellow Birch hern White Cedar Hemlock Balsam Fir 4112 - Maple, Assoc	vland Shru vland Ced % Cover 3 7 80 5 80 5 Coiation % Cover 16 65	b ar Por Size Class Sapling XLog/Log Pole/Sap/Log Pole/Sapling Pole herry S.	3	er Well Age 88 er Well	15.0 Sub-Ca Ba Re 196.9 Sub-Ca Ba	88 nopy Species Isam Fir d Maple 83 nopy Species	81-110 Density High Low 81-110 Density	N/A Avg. Height 5 - 10 feet Variable N/A Avg. Height 10 - 20 feet >20 feet	Sapling Sapling Size Sapling Pole	Low wet cedar stand along a drainage. Some hardwoods present within the stand but mainly cedar throughout. Low and wet stand would be inoperable. Stand has many areas of sheet flow running to the west. Mixed low quality hardwoods mainly red maple. Some heavy areas of submerchantable balsam fir. Pockets of hemlock and white pine scattered throughout. Areas with cedar in the more wet areas of the stand. Stand is part of Sage Splash marked in 2012 and still being cut in 2019. North end is more hardwoods smaller conifer patches, with the
12 13 C North	622 - Low 6120 - Low 6120 - Low Canopy Species Red Maple Yellow Birch nern White Cedar Hemlock Balsam Fir 4112 - Maple, Assor Canopy Species Sugar Maple Red Maple tuaking Aspen	vland Shru vland Ced % Cover	b ar Por Size Class Sapling XLog/Log Pole/Sap/Log Pole/Sapling Pole herry S. **Size Class Pole/Log	DBH 3 17 8 7 5 awtimb 10 11 14	er Well Age 88 er Well Age	15.0 Sub-Ca Ba Re 196.9 Sub-Ca Ba Northern	88 nopy Species Isam Fir d Maple 83 nopy Species Isam Fir	81-110 Density High Low 81-110 Density High	N/A Avg. Height 5 - 10 feet Variable N/A Avg. Height 10 - 20 feet	Sapling Sapling Size Sapling	Low wet cedar stand along a drainage. Some hardwoods present within the stand but mainly cedar throughout. Low and wet stand would be inoperable. Stand has many areas of sheet flow running to the west. Mixed low quality hardwoods mainly red maple. Some heavy areas of submerchantable balsam fir. Pockets of hemlock and white pine scattered throughout. Areas with cedar in the more wet areas of the stand. Stand is part of Sage Splash marked in 2012 and still being cut in 2019. North end is more hardwoods smaller conifer patches, with the southern end being more heavy to hemlock and pockets of cedar and
12 13 C North	622 - Low 6120 - Low 6120 - Low Canopy Species Red Maple Yellow Birch hern White Cedar Hemlock Balsam Fir 4112 - Maple, Assoc Canopy Species Sugar Maple Red Maple	vland Shru vland Ced % Cover 3 7 80 5 80 5 Coiation % Cover 16 65	ar Por Size Class Sapling XLog/Log Pole/Sap/Log Pole/Sapling Pole herry S. Size Class Pole/Log Log/Pole	DBH 3 17 8 7 5 awtimb 10 11 14 13	er Well Age 88 er Well Age	15.0 Sub-Ca Ba Re 196.9 Sub-Ca Ba Northern	88 nopy Species Isam Fir Id Maple 83 nopy Species Isam Fir In White Cedar	81-110 Density High Low 81-110 Density High Low	N/A Avg. Height 5 - 10 feet Variable N/A Avg. Height 10 - 20 feet >20 feet	Sapling Sapling Size Sapling Pole	Low wet cedar stand along a drainage. Some hardwoods present within the stand but mainly cedar throughout. Low and wet stand would be inoperable. Stand has many areas of sheet flow running to the west. Mixed low quality hardwoods mainly red maple. Some heavy areas of submerchantable balsam fir. Pockets of hemlock and white pine scattered throughout. Areas with cedar in the more wet areas of the stand. Stand is part of Sage Splash marked in 2012 and still being cut in 2019. North end is more hardwoods smaller conifer patches, with the
12 13 C North	622 - Low 6120 - Low 6120 - Low Canopy Species Red Maple Yellow Birch nern White Cedar Hemlock Balsam Fir 4112 - Maple, Assor Canopy Species Sugar Maple Red Maple tuaking Aspen	vland Shru vland Ced % Cover	b ar Por Size Class Sapling XLog/Log Pole/Sap/Log Pole/Sapling Pole herry S **Size Class Pole/Log Log/Pole Log	DBH 3 17 8 7 5 awtimb 10 11 14	er Well Age 88 er Well Age	15.0 Sub-Ca Ba Re 196.9 Sub-Ca Ba Northern	88 nopy Species Isam Fir Id Maple 83 nopy Species Isam Fir In White Cedar	81-110 Density High Low 81-110 Density High Low	N/A Avg. Height 5 - 10 feet Variable N/A Avg. Height 10 - 20 feet >20 feet	Sapling Sapling Size Sapling Pole	Low wet cedar stand along a drainage. Some hardwoods present within the stand but mainly cedar throughout. Low and wet stand would be inoperable. Stand has many areas of sheet flow running to the west. Mixed low quality hardwoods mainly red maple. Some heavy areas of submerchantable balsam fir. Pockets of hemlock and white pine scattered throughout. Areas with cedar in the more wet areas of the stand. Stand is part of Sage Splash marked in 2012 and still being cut in 2019. North end is more hardwoods smaller conifer patches, with the southern end being more heavy to hemlock and pockets of cedar and
12 13 C North 14 C Q V	622 - Low 6120 - Low 6120 - Low Canopy Species Red Maple Yellow Birch hern White Cedar Hemlock Balsam Fir 4112 - Maple, Assor Canopy Species Sugar Maple Red Maple Red Maple Ruaking Aspen White Spruce	vland Shru vland Ced % Cover 3 7 80 5 5 Beech, Ciciation % Cover 16 65 2 3	b ar Por Size Class Sapling XLog/Log Pole/Sap/Log Pole/Sapling Pole herry S **Size Class Pole/Log Log/Pole Log Log Log	DBH 3 17 8 7 5 awtimb 10 11 14 13	er Well Age 88 er Well Age	15.0 Sub-Ca Ba Re 196.9 Sub-Ca Ba Northern	88 nopy Species Isam Fir Id Maple 83 nopy Species Isam Fir In White Cedar	81-110 Density High Low 81-110 Density High Low	N/A Avg. Height 5 - 10 feet Variable N/A Avg. Height 10 - 20 feet >20 feet	Sapling Sapling Size Sapling Pole	Low wet cedar stand along a drainage. Some hardwoods present within the stand but mainly cedar throughout. Low and wet stand would be inoperable. Stand has many areas of sheet flow running to the west. Mixed low quality hardwoods mainly red maple. Some heavy areas of submerchantable balsam fir. Pockets of hemlock and white pine scattered throughout. Areas with cedar in the more wet areas of the stand. Stand is part of Sage Splash marked in 2012 and still being cut in 2019. North end is more hardwoods smaller conifer patches, with the southern end being more heavy to hemlock and pockets of cedar and



Stand	d Level 4 C	over Type	S	Size De	ensity	Acres	Stand Age E	BA Range	Managed S	Site	General Comments
15	4136 - Asper	n, Mixed Co	onifer S	awtimb	er Well	1.6	58	111-140	N/A		Aspen mixed sizes, larger trees starting to decline. Some conifers mixe
	Canopy Species	% Cover	Size Class	DBI	H Age						in. Stand under prescription Sage splash - 2012 sale still waiting to be cut.
	Red Maple	15	Pole/Sapling	6							out.
	Yellow Birch	5	Sapling/Pole	2							
	Quaking Aspen	60	Log/Pole	12	58						
	Balsam Fir	10	Sapling/Pole	4							
	White Spruce	7	Pole/Log	8							
	Hemlock	3	Log/Pole	9							
6	429 - Mixed	Upland Con	nifers S	awtimb	er Well	50.4	146	171-200	N/A		Stand has some upland areas in it with some hardwoods species, but most of the stand is lowland conifers. Stand was cut in half with the
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-C	anopy Species	Density	Avg. Height	Size	southern half being under Prescription of Sage River Mix 42-21-15.
	Red Maple	30	Log/XLog/Pole	14		В	alsam Fir	Low	10 - 20 feet	Sapling	South half of stand was combined with north half of stand 59 from the
	Yellow Birch	3	Pole/Log	9		Northe	rn White Cedar	Low	>20 feet	Pole	southern compartment.
	Beech	7	Pole/Log	9			Hemlock	Medium	>20 feet	Pole	
	Balsam Fir	2	Pole	8							
	Black Spruce	7	Pole	7							
No	orthern White Cedar	8	Pole	7							
	White Pine	3	XLog	19							
	Hemlock	40	XLog	20	146						
17	4111 - S.Maple, H						83	111-140	N/A		Stand still appears pretty open since the last time it was harvested. BA
	Canopy Species		Size Class		H Age		anopy Species		Avg. Height	Size	surrounding it being cut.
	Sugar Maple	78	Log/Pole	13	83	Sı	ıgar Maple	Medium	5 - 10 feet	Sapling	
	Red Maple	7	Log/Pole	13			Beech	Low	< 5 feet	Sapling	
	Beech	12	Log/Pole	12	L	Blackb	erry/Raspberry	Low	< 5 feet	Tall Shrub	
	Hemlock	3	Log	14							
8	6122 - B	lack Spruce			oer Well	3.3	108	111-140	N/A		Stand mainly spruce with some hemlock and white pine. Under prescription with Sage Splash has yet to be cut.
	Canopy Species	% Cover			H Age						procential man ougo opidon had you to be out.
	Red Maple	12	Sapling/Pole	4							
	Black Spruce	66	Pole/Sapling	8	108						
	White Pine	15	Log	15							
	Hemlock	7	Pole	7							



Stand	Level 4 C	over Type	;	Size De	ensity	Acres	Stand Age	BA Range	Managed S	ite	General Comments
19	4136 - Aspen	, Mixed Co	nifer	Saplino	g Poor	12.8	12	Immature	N/A		Immature aspen stand with several larger white pine scattered throughout. Wet ground.
	Canopy Species	% Cover	Size Class	DBH	l Age						tilloughout. Wet ground.
	Yellow Birch	10	Log/Pole	12							
	Quaking Aspen	65	Sapling	2	12						
	Balsam Fir	5	Sapling	2							
No	rthern White Cedar	5	Pole/Log	8							
	White Pine	5	Log/Pole	12							
	Hemlock	10	Log/Pole	12							
20	4112 - Maple, Asso	Beech, Ch	nerry P	Poletimb	er Wel	l 1.5	83	81-110	N/A		Small stand manage with compartment to north, was cut as part of Long Ride Hardwoods. Stand open underneath not much for understory yet.
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Sugar Maple	60	Log/Pole	11	83						
	Red Maple	33	Pole/Log	9							
	Beech	2	Pole	6							
	Balsam Fir	3	Pole	7							
	White Spruce	2	Pole	8							
21	4130	- Aspen		Sapling	g Well	157.6	25	Immature	N/A		Large aspen stand immature to small 1 stick aspen. Dense pockets of
	Canopy Species	% Cover	Size Class	DBH	l Age						balsam and spruce mixed throughout the stand as well as occasional trace of large white pine.
	Red Maple	17	Sapling	4							trace of large write pine.
	Quaking Aspen	60	Pole/Sapling	5	25						
	Balsam Fir	13	Pole/Sapling	5							
	White Spruce	5	Pole/Log/Sap	7							
	Black Cherry	5	Sapling/Pole	5							
22	4130	- Aspen		Saplin	g Poor	42.1	2	1-50	N/A		Areas of higher quality hard maple on higher ground south edge, east
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Speci	es Density	Avg. Height	Size	edge and northwest corner were left. Mainly young aspen and maple coming back with some small balsam. Stand was cut as part of Long
	Red Maple	20	Pole	8	68		d Maple	Low	< 5 feet	Sapling	Ride Hardwoods. Stand has drains making harvesting difficult.
	Sugar Maple	18	Pole/Log	9			·				
	Hemlock	2	Log	14							
	Quaking Aspen	60	Sapling	1	2						
23	330 - Low-I	Density Tre	es	Nonst	ocked	50.0		Unspecified	No		Wide open areas with scattered trees and grasses, some blueberry
						Sub-Ca	nopy Speci	es Density	Avg. Height	Size	mixed throughout. Mainly larger white spruce and white pine.
						Whi	te Spruce	Low	Variable	Log	
							nite Pine	Low			+

Newberry Mgt. Unit

Report 7 - Stands



Stand	Level 4 C	over Type		Size I	Dens	ity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
24	4112 - Maple Asso	, Beech, Ch ociation	nerry	Sawtin	nber \	Well	10.1	85	111-140	N/A		Very nice stand of maple, currently under contract Long Ride Hardwoods Selection cut on the stand and has yet to be harvested. Access is tough
	Canopy Species	% Cover	Size Class	DE	зн А	ge	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	into this stand with a drain to cross from the west.
	Sugar Maple	70	Pole/Log			35	Ba	alsam Fir	Medium	5 - 10 feet	Sapling	
	Red Maple	20	Pole/Log	9)						,	•
	Basswood	3	Log	1	5							
25	4139 - Aspen,	Mixed Deci	duous	Sapli	ng W	/ell	1.3	25	Immature	N/A		As far as can be determined this is a retention pockets left after the sale Sage Splash was prepped. Placed a 5E for long term retention on this
	Canopy Species	% Cover	Size Class	DE	зн А	ge						small stand.
	Red Maple	10	Sapling	1								
	Paper Birch	5	Sapling	1								
	Quaking Aspen	48	Sapling	3	3 2	25						
	Balsam Fir	5	Sapling	1								
	White Pine	2	Sapling	1								
	Black Cherry	30	Sapling	2	2							
	Canopy Species	orest % Cover	Size Class	. DE	зн А	ge	Sub-Ca	nopy Specie	es Density	Avg. Height	Size	maple mixed throughout with some heavy pockets of cedar within. Old grades running N/S through stand.
	Red Maple	5	Pole/Saplin	ng 6	6		Ва	alsam Fir	Medium	5 - 10 feet	Sapling	
	Paper Birch	2	Pole/Sap/Lo	og 6	6		Ta	ag Alder	Low	5 - 10 feet	Tall Shrub	
	Black Spruce	40	Pole	8	3 7	71						
No	rthern White Cedar	30	Pole/Log	7	7							
	White Pine	3	Log/Pole	1	3							
27	3302 - Low Der	nsity Conife	r Trees	Nons	stock	ed	60.0	0	Unspecified	6128 - Low Coniferous, Deciduc	Mixed	Stand was completed harvesting winter 2019-2020. All Cedar, White pine and hemlock were left as well as some paper birch and yellow birch. Some sub merchantable pockets of spruce and balsam left as
							Sub-Ca	nopy Specie	s Density	Avg. Height	Size	well. East half cut a few years before the west half was finished. Sale Sage Splash 2012.
							Pa	per Birch	Trace	Variable	Sapling	
							Qual	king Aspen	Medium	5 - 10 feet	Sapling	
							Blad	ck Spruce	Low	10 - 20 feet	Sapling	
							Northern	n White Ceda	r Low	>20 feet	Pole	
							W	hite Pine	Low	>20 feet	Log	
28	500	- Water		Nons	stock	ed	4.0		Unspecified	No		



Stand	Level 4 C	over Type		Size De	ensity	Acres	Stand Age I	BA Range	Managed S	ite	General Comments
29	4112 - Maple, Asso	, Beech, Ch ociation	nerry Pol	etimbe	r Medi	um 42.3	97	81-110	N/A		Stand was harvested 2 entries ago, looks good pretty open understory with areas of higher regeneration. North end and east side transition into
	Canopy Species	% Cover	Size Class	DBł	H Age	Sub-C	anopy Species	Density	Avg. Height	Size	balsam, spruce, and more conifers. Hold until next entry and it may be ready for a thinning at that time.
	Sugar Maple	55	Pole/Log	9	97	Sı	ıgar Maple	Low	< 5 feet	Sapling	ready for a trimining at that time.
	Red Maple	40	Pole/Log	8		R	Red Maple	Medium	< 5 feet	Sapling	
	Beech	5	Pole/Log	7			Beech	Medium	< 5 feet	Sapling	
		,				В	alsam Fir	Low	10 - 20 feet	Sapling	
30	500 -	- Water		Nonst	ocked	2.1	l	Jnspecified	No		
31	6120 - Lo	wland Ceda	ar Pol	etimbe	r Medi	ım 1.8	63	81-110	N/A		Small wet pocket of cedar, old road runs E/W across bottom of the stand.
	Canopy Species	% Cover	Size Class	DBH	- Age						Stream runs through the middle of the stand.
	Balsam Fir	20	Sapling/Pole	3							
	Black Spruce	10	Pole	7							
No	rthern White Cedar	65	Pole/Log	9	63						
	Red Pine	5	Sapling	2							
32	4112 - Maple,		nerry P	oletimb	er We	II 7.0	68	51-80	N/A		manage with compartment to north
	Asso	ociation									
	Canopy Species		Size Class	DBI	l Age	Sub-C	anopy Species	Density	Avg. Height	Size	11/2019: select cut in spring 2019 as part of Muddy Tires Hardwood,
			Size Class Pole/Sapling	DBI	H Age		anopy Species salsam Fir	Density Medium	Avg. Height 5 - 10 feet	Size Sapling	11/2019: select cut in spring 2019 as part of Muddy Tires Hardwood, #018-13.
	Canopy Species	% Cover		7	Age 68	В					
	Canopy Species Sugar Maple	% Cover	Pole/Sapling	7		В	alsam Fir	Medium	5 - 10 feet	Sapling	
	Canopy Species Sugar Maple Red Maple	% Cover 30 59	Pole/Sapling Pole/Log/Sap	7		В	alsam Fir	Medium	5 - 10 feet	Sapling	
	Canopy Species Sugar Maple Red Maple Yellow Birch	% Cover 30 59 4	Pole/Sapling Pole/Log/Sap Log/Pole	7 8 12		В	alsam Fir	Medium	5 - 10 feet	Sapling	
	Canopy Species Sugar Maple Red Maple Yellow Birch Quaking Aspen	% Cover 30 59 4 1	Pole/Sapling Pole/Log/Sap Log/Pole Log	7 8 12 15		В	alsam Fir	Medium	5 - 10 feet	Sapling	
33	Canopy Species Sugar Maple Red Maple Yellow Birch Quaking Aspen White Spruce White Pine	% Cover 30 59 4 1	Pole/Sapling Pole/Log/Sap Log/Pole Log Pole/Log	7 8 12 15 9	68	В	alsam Fir nite Spruce	Medium	5 - 10 feet	Sapling	
33	Canopy Species Sugar Maple Red Maple Yellow Birch Quaking Aspen White Spruce White Pine	% Cover 30 59 4 1 2	Pole/Sapling Pole/Log/Sap Log/Pole Log Pole/Log Log	7 8 12 15 9 12 Nonste	68	3.6	alsam Fir nite Spruce	Medium Low	5 - 10 feet >20 feet	Sapling	#018-13. Stand is still under contract as part of Long Ride Hardwoods. Decent
	Canopy Species Sugar Maple Red Maple Yellow Birch Quaking Aspen White Spruce White Pine	% Cover	Pole/Sapling Pole/Log/Sap Log/Pole Log Pole/Log Log	7 8 12 15 9 12 Nonste	68 ocked	3.6 I 25.3	alsam Fir nite Spruce	Medium Low Unspecified 141-170	5 - 10 feet >20 feet	Sapling	Stand is still under contract as part of Long Ride Hardwoods. Decent quality in the higher ground areas of the stand, some areas of stand are
	Canopy Species Sugar Maple Red Maple Yellow Birch Quaking Aspen White Spruce White Pine 500	% Cover	Pole/Sapling Pole/Log/Sap Log/Pole Log Pole/Log Log Ser S	7 8 12 15 9 12 Nonste	68 ocked	3.6 I 25.3 Sub-C	salsam Fir nite Spruce	Medium Low Unspecified 141-170	5 - 10 feet >20 feet No N/A	Sapling Sapling	#018-13. Stand is still under contract as part of Long Ride Hardwoods. Decent
	Canopy Species Sugar Maple Red Maple Yellow Birch Quaking Aspen White Spruce White Pine 500 -	% Cover	Pole/Sapling Pole/Log/Sap Log/Pole Log Pole/Log Log Size Class	7 8 12 15 9 12 Nonsto	68 ocked oer We	3.6 25.3 Sub-C	Falsam Fir hite Spruce	Medium Low Jnspecified 141-170 Density	5 - 10 feet >20 feet No N/A Avg. Height	Sapling Sapling	Stand is still under contract as part of Long Ride Hardwoods. Decent quality in the higher ground areas of the stand, some areas of stand are lower ground with higher conifer component. Old road through the stand
	Canopy Species Sugar Maple Red Maple Yellow Birch Quaking Aspen White Spruce White Pine 500 4113 - R.M Canopy Species Red Maple	% Cover	Pole/Sapling Pole/Log/Sap Log/Pole Log Pole/Log Log Size Class Pole/Log	7 8 12 15 9 12 Nonste	68 ocked oer We	3.6 25.3 Sub-C	ealsam Fir nite Spruce 61 anopy Species ealsam Fir	Medium Low Unspecified 141-170 Density Low	5 - 10 feet >20 feet No N/A Avg. Height 5 - 10 feet	Sapling Sapling Size Sapling	Stand is still under contract as part of Long Ride Hardwoods. Decent quality in the higher ground areas of the stand, some areas of stand are lower ground with higher conifer component. Old road through the stand
	Canopy Species Sugar Maple Red Maple Yellow Birch Quaking Aspen White Spruce White Pine 500 - 4113 - R.M Canopy Species Red Maple Yellow Birch	% Cover 30 59 4 1 1 2 - Water Maple, Conif % Cover 70 3	Pole/Sapling Pole/Log/Sap Log/Pole Log Pole/Log Log Size Class Pole/Log Log/Pole	7 8 12 15 9 12 Nonste	68 ocked oer We	3.6 25.3 Sub-C	ealsam Fir nite Spruce 61 anopy Species ealsam Fir	Medium Low Unspecified 141-170 Density Low	5 - 10 feet >20 feet No N/A Avg. Height 5 - 10 feet	Sapling Sapling Size Sapling	Stand is still under contract as part of Long Ride Hardwoods. Decent quality in the higher ground areas of the stand, some areas of stand are lower ground with higher conifer component. Old road through the stand
	Canopy Species Sugar Maple Red Maple Yellow Birch Quaking Aspen White Spruce White Pine 500 4113 - R.M Canopy Species Red Maple Yellow Birch Beech Paper Birch	% Cover 30 59 4 1 1 2 - Water Maple, Conif 70 3 2	Pole/Sapling Pole/Log/Sap Log/Pole Log Pole/Log Log Size Class Pole/Log Log/Pole Log/Pole	7 8 12 15 9 12 Nonsto	68 ocked oer We	3.6 25.3 Sub-C	ealsam Fir nite Spruce 61 anopy Species ealsam Fir	Medium Low Unspecified 141-170 Density Low	5 - 10 feet >20 feet No N/A Avg. Height 5 - 10 feet	Sapling Sapling Size Sapling	Stand is still under contract as part of Long Ride Hardwoods. Decent quality in the higher ground areas of the stand, some areas of stand are lower ground with higher conifer component. Old road through the stand
	Canopy Species Sugar Maple Red Maple Yellow Birch Quaking Aspen White Spruce White Pine 500 4113 - R.M Canopy Species Red Maple Yellow Birch Beech	% Cover	Pole/Sapling Pole/Log/Sap Log/Pole Log Pole/Log Log Ser S Size Class Pole/Log Log/Pole Log/Pole Pole	7 8 12 15 9 12 Nonster awtimb 9 11 12 8	68 ocked oer We	3.6 25.3 Sub-C	ealsam Fir nite Spruce 61 anopy Species ealsam Fir	Medium Low Unspecified 141-170 Density Low	5 - 10 feet >20 feet No N/A Avg. Height 5 - 10 feet	Sapling Sapling Size Sapling	Stand is still under contract as part of Long Ride Hardwoods. Decent quality in the higher ground areas of the stand, some areas of stand are lower ground with higher conifer component. Old road through the stand
	Canopy Species Sugar Maple Red Maple Yellow Birch Quaking Aspen White Spruce White Pine 500 - 4113 - R.M Canopy Species Red Maple Yellow Birch Beech Paper Birch Quaking Aspen	% Cover	Pole/Sapling Pole/Log/Sap Log/Pole Log Pole/Log Log Size Class Pole/Log Log/Pole Log/Pole Pole Pole	7 8 12 15 9 12 Nonsta awtimb 9 11 12 8	68 ocked oer We	3.6 25.3 Sub-C	ealsam Fir nite Spruce 61 anopy Species ealsam Fir	Medium Low Unspecified 141-170 Density Low	5 - 10 feet >20 feet No N/A Avg. Height 5 - 10 feet	Sapling Sapling Size Sapling	Stand is still under contract as part of Long Ride Hardwoods. Decent quality in the higher ground areas of the stand, some areas of stand are lower ground with higher conifer component. Old road through the stand



Stand	Level 4 Co	ver Type	S	ize De	nsity	Acres	Stand Age E	BA Range	Managed S	Site	General Comments
35	330 - Low-D	ensity Tre	ees	Nonsto	ocked	2.1	0 ι	Jnspecified	413 - Asp	oen	11/2019: clearcut in spring 2019 as part of Muddy Tires Hardwood, #018-13.
36	500 -	Water		Nonsto	ocked	1.9	U	Jnspecified	No		
37	6122 - Bla	ack Spruce	e Po	oletimb	er Well	15.7	71	111-140	N/A		Decent stand of spruce with some cedar and hemlock within. Stand
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	could be potentially harvested this go around. Some big white pine within the stand as well. Stand falls in the deer yard.
	Red Maple	5	Pole/Sapling	5		Ва	alsam Fir	Medium	>20 feet	Sapling	,
	Black Spruce	65	Pole	9	71						
Nor	thern White Cedar	10	Pole	6							
	White Pine	15	Log/Pole	11							
	Hemlock	5	Pole/Log	8							
38	6132 - Mixed Lov Ce	wland Fore	est with Po	oletimb	er Well	30.7	83	81-110	N/A		Stand is considerably wet throughout its' entirety. Stream from the pond runs through the stand as well. Access is possible but would need to be
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	a good winter to harvest it. Stand falls in the deer yard.
	Red Maple	5	Pole/Sapling	5		Ва	alsam Fir	Low	Variable	Sapling	
	Paper Birch	40	Pole/Sapling	6	83	Ta	ag Alder	Low	5 - 10 feet	Tall Shrul	
Nor	thern White Cedar	35	Sapling/Pole	4		Re	ed Maple	Low	Variable	Sapling	
	White Pine	5	Log/XLog	14		Pa	per Birch	Low	Variable	Sapling	
	Hemlock	5	Log	12							-
	Balsam Fir	5	Pole/Sapling	5							
39	6124 - Lowla	nd Spruce	-Fir Pole	etimbe	Mediu	m 8.5	59	81-110	N/A		Stand is mixed conifers, some big white pine with heavy pockets of cedar
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	with areas of black spruce. Cedar pockets have spruce and other species mixed in. Falls within the deer yard.
	Yellow Birch	10	Pole/Sapling	5		Ва	alsam Fir	Low	Variable	Sapling	,,,,,,
	Balsam Fir	20	Sapling	3							
	Black Spruce	36	Pole/Sapling	5	59						
Nor	thern White Cedar	27	Pole/Sapling	4							
	White Pine	7	Log/XLog	17							
40	4115 - Y.Birch	n, Hemlock	NH Sa		er Well	90.9	68	111-140	N/A		Large finger like stand, BA varies within the stand, there are areas with higher deciduous components and areas where there are more conifers
	Canopy Species	% Cover	Size Class		l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	and less hardwoods within. This stand is up for our Pilot DWC food cut
	Red Maple	65	Pole/Log/Sap	7	68	Ва	alsam Fir	Medium	< 5 feet	Sapling	portion this entry. Stand falls in the deer yard.
	Yellow Birch	5	Pole/Log	9							
	Paper Birch	3	Pole	6							
	White Spruce	3	Pole/Log	8							
Nor	thern White Cedar	7	Pole	8							
	White Pine	2	XLog/Log	18							
	Hemlock	15	Log/XLog/Pole	17							



	Level 4 Co	over Type	S	ize De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
41	6128 - Lowland (Deci	Coniferous	, Mixed Pole	timber	Medium	n 17.6	76	111-140	N/A		Stand is a mirror of the stand to the north, Low areas with spruce and cedar and red maple mixed in throughout. Kneeland Bigelow road runs
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	through the stand. Stand is part of Pilot DWC project and the treatment will have a start date for 10/1/2027 for a food harvest. Stand is within the
	Red Maple	17	Sapling/Pole	5		Re	d Maple	Low	5 - 10 feet	Sapling	deer yard.
	Paper Birch	12	Sapling/Pole	5		Ва	lsam Fir	Medium	5 - 10 feet	Sapling	
	Black Spruce	35	Pole/Sapling	6	76						•
No	rthern White Cedar	15	Pole/Sapling	5							
42	4191 - Mixed Upla Co	and Decidu nifer	ous with Po	letimb	er Well	5.4	79	81-110	N/A		Small mixed deciduous stand with mainly red maple and aspen within. Kneeland Bigelow road runs through the stand. Stand is ready to be
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	clear cut this entry. Stand is within the deer yard.
	Red Maple	36	Pole	7	79	Ва	Isam Fir	Low	>20 feet	Sapling	
	Yellow Birch	7	Pole	7							
	Paper Birch	5	Pole	7							
	Quaking Aspen	30	Pole/Log	8							
	Balsam Fir	7	Sapling/Pole	5							
	Black Spruce	10	Pole/Sapling	6							
43		oniferous Lo orest	owland Pole	timber	Medium	n 8.5	78	111-140	N/A		
40		orest	owland Pole Size Class		Medium Age		78	111-140 Density	N/A Avg. Height	Size	west end of the stand. Spruce and cedar comprise the main species in the stand. Some scattered red maple and yellow birch within the stand.
40	Fo	% Cover		DBH		Sub-Car	nopy Species k Spruce		Avg. Height 5 - 10 feet	Sapling	west end of the stand. Spruce and cedar comprise the main species in
	Canopy Species	% Cover 5 2	Size Class Sapling/Pole Pole/Log	DBH 7 8		Sub-Car	nopy Species	Density	Avg. Height		west end of the stand. Spruce and cedar comprise the main species in the stand. Some scattered red maple and yellow birch within the stand.
	Canopy Species Red Maple	% Cover	Size Class Sapling/Pole	DBH	Age	Sub-Car Blac	nopy Species k Spruce	Density Low	Avg. Height 5 - 10 feet	Sapling	west end of the stand. Spruce and cedar comprise the main species in the stand. Some scattered red maple and yellow birch within the stand. Would cut next entry.
	Canopy Species Red Maple Yellow Birch	% Cover 5 2 3 3 35	Size Class Sapling/Pole Pole/Log	DBH 7 8		Sub-Car Blac	nopy Species k Spruce emlock	Density Low Low	Avg. Height 5 - 10 feet 5 - 10 feet	Sapling Sapling	west end of the stand. Spruce and cedar comprise the main species in the stand. Some scattered red maple and yellow birch within the stand. Would cut next entry.
	Canopy Species Red Maple Yellow Birch White Spruce	% Cover 5 2 3 35 25	Size Class Sapling/Pole Pole/Log Pole	7 8 8 7 5	Age	Sub-Car Blac	nopy Species k Spruce emlock	Density Low Low	Avg. Height 5 - 10 feet 5 - 10 feet	Sapling Sapling	west end of the stand. Spruce and cedar comprise the main species in the stand. Some scattered red maple and yellow birch within the stand. Would cut next entry.
	Canopy Species Red Maple Yellow Birch White Spruce Black Spruce	% Cover 5 2 3 3 35	Size Class Sapling/Pole Pole/Log Pole Pole	7 8 8 7	Age	Sub-Car Blac	nopy Species k Spruce emlock	Density Low Low	Avg. Height 5 - 10 feet 5 - 10 feet	Sapling Sapling	west end of the stand. Spruce and cedar comprise the main species in the stand. Some scattered red maple and yellow birch within the stand. Would cut next entry.
	Canopy Species Red Maple Yellow Birch White Spruce Black Spruce rthern White Cedar	% Cover 5 2 3 35 25 8	Size Class Sapling/Pole Pole/Log Pole Pole Sapling/Pole Log/XLog	7 8 8 7 5 14	Age	Sub-Car Blac	nopy Species k Spruce emlock g Alder	Density Low Low	Avg. Height 5 - 10 feet 5 - 10 feet	Sapling Sapling	the stand. Some scattered red maple and yellow birch within the stand. Would cut next entry. Stand is mainly maple with a small component of other species making
No	Canopy Species Red Maple Yellow Birch White Spruce Black Spruce rthern White Cedar White Pine 4119 - Mixed No	% Cover 5 2 3 35 25 8 enthern Hard	Size Class Sapling/Pole Pole/Log Pole Pole Sapling/Pole Log/XLog	7 8 8 7 5 14 DBH	Age 78	Sub-Cal Black He Ta	nopy Species k Spruce emlock g Alder 63 nopy Species	Density Low Low Low	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet	Sapling Sapling	west end of the stand. Spruce and cedar comprise the main species in the stand. Some scattered red maple and yellow birch within the stand. Would cut next entry.
No	Canopy Species Red Maple Yellow Birch White Spruce Black Spruce rthern White Cedar White Pine 4119 - Mixed No Canopy Species Sugar Maple	% Cover 5 2 3 35 25 8 9 orthern Hard 28	Size Class Sapling/Pole Pole/Log Pole Pole Sapling/Pole Log/XLog dwoods Pole Size Class Pole	7 8 8 8 7 5 14 bletimb	78 er Well	Sub-Cal Black He Ta	nopy Species k Spruce emlock g Alder	Density Low Low Low Low	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A	Sapling Sapling Tall Shrub	west end of the stand. Spruce and cedar comprise the main species in the stand. Some scattered red maple and yellow birch within the stand. Would cut next entry. Stand is mainly maple with a small component of other species making up the stand. Some large white pine and small inclusions of cedar along the edges. South end has more conifers than the norther half. One drain in the north runs west to east. This stand is part of the Pilot DWC
No	Canopy Species Red Maple Yellow Birch White Spruce Black Spruce rthern White Cedar White Pine 4119 - Mixed No Canopy Species Sugar Maple Red Maple	% Cover 5 2 3 35 25 8 8 orthern Hard 28 35	Size Class Sapling/Pole Pole/Log Pole Pole Sapling/Pole Log/XLog dwoods Pole Size Class	7 8 8 7 5 14 bletimb DBH 8 8	Age 78	Sub-Cal Black He Ta	nopy Species k Spruce emlock g Alder 63 nopy Species	Density Low Low Low Low Density	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height	Sapling Sapling Tall Shrub	west end of the stand. Spruce and cedar comprise the main species in the stand. Some scattered red maple and yellow birch within the stand. Would cut next entry. Stand is mainly maple with a small component of other species making up the stand. Some large white pine and small inclusions of cedar along the edges. South end has more conifers than the norther half. One drain
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No	Canopy Species Red Maple Yellow Birch White Spruce Black Spruce rthern White Cedar White Pine 4119 - Mixed No Canopy Species Sugar Maple Red Maple White Spruce Hemlock	7 Cover 5 2 3 35 25 8 25 8 26 orthern Hard 7 Cover 28 35 5 7	Size Class Sapling/Pole Pole/Log Pole Pole Sapling/Pole Log/XLog dwoods Pole Size Class Pole Pole Pole Log/Log Log	7 8 8 7 5 14 bletimb 8 8 9 16	78 er Well	Sub-Cal Black He Ta	nopy Species k Spruce emlock g Alder 63 nopy Species	Density Low Low Low Low Density	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height	Sapling Sapling Tall Shrub	west end of the stand. Spruce and cedar comprise the main species in the stand. Some scattered red maple and yellow birch within the stand. Would cut next entry. Stand is mainly maple with a small component of other species making up the stand. Some large white pine and small inclusions of cedar along the edges. South end has more conifers than the norther half. One drair in the north runs west to east. This stand is part of the Pilot DWC
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No	Canopy Species Red Maple Yellow Birch White Spruce Black Spruce rthern White Cedar White Pine 4119 - Mixed No Canopy Species Sugar Maple Red Maple White Spruce Hemlock White Pine Paper Birch	% Cover 5 2 3 35 25 8 8 orthern Hard 28 35 5 7 5 5 5	Size Class Sapling/Pole Pole/Log Pole Pole Sapling/Pole Log/XLog dwoods Pole Pole Pole Pole Pole Pole Pole Pole	DBH 7 8 8 7 5 14 DBH 8 8 9 16 15 7	78 er Well	Sub-Cal Black He Ta	nopy Species k Spruce emlock g Alder 63 nopy Species	Density Low Low Low Low Density	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height	Sapling Sapling Tall Shrub	west end of the stand. Spruce and cedar comprise the main species in the stand. Some scattered red maple and yellow birch within the stand. Would cut next entry. Stand is mainly maple with a small component of other species making up the stand. Some large white pine and small inclusions of cedar along the edges. South end has more conifers than the norther half. One drain in the north runs west to east. This stand is part of the Pilot DWC
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Stand	Stand Level 4 Cover Type		S	ize De	nsity	Acres Stand Age BA Range			Managed S	Site	General Comments
45				oletimber Well		244.4	83	81-110			A very diverse stand is terms of the species found within it. Stand is large but has similar characteristics throughout its' entirety. Some areas
	Canopy Species	% Cover	Size Class		Age		nopy Species	Density	Avg. Height	Size	are open grown timber, with others being more dense with tighter canopy
	Red Maple	20	Pole/Log/Sap	9	83	Norther	n White Cedar	Medium	>20 feet	Sapling	spacing. Old roads within the stand the are grown shut. Some large
	Yellow Birch	15	Pole/Log/Sap	7		Н	lemlock	Low	>20 feet	Sapling	aspen showing signs of decline as well as top dieback with some of the red maple. Stand was evaluated for spruce budworm due to the amount
	Paper Birch	2	Pole	7		Ta	ag Alder	Low	5 - 10 feet	Tall Shrub	of fir and spruce within. Some small signs of the forest pest but no large
	Quaking Aspen	3	Log	11							scale events have occurred yet. Stand could be pieced out and
	Balsam Fir	12	Sapling/Pole	6							harvested this entry and possibly next. Access would be from the east or the west through stand 34 after it is harvested. The stand falls within the
	White Spruce	3	Pole/Log	9							deer yard. There are areas with drains and some places with some
	Black Spruce	7	Pole/Sap/Log	6							standing or ponding water.
No	rthern White Cedar	15	Pole/Log/Sap	7							
	White Pine	5	XLog/Log	16							
	Hemlock	18	Log/XLog/Pole	15	238						
46	46 6120 - Lowland Cedar Sa					22.0 77 51-80			N/A		Cedar regen present below snow line, open canopy stand with water within. Old ice roads in the middle running north. Small diameter cedar
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	and spruce.
	Black Spruce	8	Pole/Sapling	4		Ta	ag Alder	High	5 - 10 feet	Tall Shrub	
No	rthern White Cedar	85	Sapling/Pole	4	77						
	Tamarack	2	Sapling/Pole	4							
	White Pine	5	Pole/Sapling	6							
	400 Missad I	Inland Con	if D	1 - 45 1-	\^/ - !!	41.4	0.4	444 440	N1/A		Mind and an include a site of the control of the co
47	429 - Mixed U	<u> </u>			er Well			111-140	N/A		Mixed upland conifers with a large component of red maple make up this stand. Small drain runs west to east into stand 51. Patches of hardwood
	Canopy Species		Size Class		Age		nopy Species	Density	Avg. Height	Size	within stand and mixed into the pockets of conifers. Stand is ready to be
	Red Maple	35	Pole/Log/Sap	8	64		ılsam Fir	Low	Variable	Sapling	harvested. Stand falls within deer yard.
	Yellow Birch	2	Pole/Sap/Log	8		Re	ed Maple	Low	Variable	Sapling	
	Black Spruce	11	Pole	7							
No	rthern White Cedar	12	Pole/Log	9							
	White Pine	10	XLog/Log	21							
	Hemlock	30	Pole/Log/Sap	14	154						
48	6124 - Lowla	and Spruce	e-Fir S	Sapling	ı Well	44.8	40	81-110	N/A		Small diameter stand with the exception of white pine and cedar. Larger
	Canopy Species	% Cover	Size Class	DBH	Age						pocket of conifers east side of stand where west is more open. Some wet areas within the stand.
	Red Maple	5	Sapling/Pole	2							not arous main the stand.
	Yellow Birch	3	Sapling/Pole	4							
	Balsam Fir	40	Sapling/Pole	4	40						
	Black Spruce	28	Sapling/Pole	3							
No	rthern White Cedar	7	Pole	8							
	Tamarack	3	Sapling/Pole	4							
	White Pine	2	Log	14							
	Hemlock	12	Sapling/Pole	2							
			2 Sp9/1 010								



Stand	Level 4 Cover Type		•	Size Density		Acres	Stand Age	BA Range	Managed Site		General Comments	
49		6124 - Lowland Spruce-Fir Sapling Wel			183.0	40	111-140	N/A		Mixed bag of species within the stand with small diameters. Some large white pine and hemlock in the stand. Low wet areas scattered		
	Canopy Species	% Cover			Age						throughout the stand.	
	Red Maple	3	Sapling/Pole	4	4.0							
	Balsam Fir	30	Sapling/Pole	4	40							
	Black Spruce	30	Sapling/Pole	4								
No	orthern White Cedar	7	Sapling/Pole	6								
	White Pine	10	Log	14								
	Hemlock	5	Log	12								
	Yellow Birch	3	Pole/Sapling	5								
	Paper Birch	7	Pole/Sapling	5								
	Quaking Aspen	5	Pole/Sapling	5								
50	622 - Lov	Nonsto	ocked	1.0		Unspecified	No		Low wet area on the Kneeland Bigelow Road. Imagery shows it as part of a drainage.			
51	4112 - Maple, Asso	, Beech, Ch ociation	nerry Pol	etimbe	Medium	61.8	93	81-110	N/A		11/2019: harvested via select cut in 2018-19 as part of New Hatch Hardwoods, #020-15.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Specie	es Density	Avg. Height	Size	Stand is now more open after harvest with more pole size maple and	
	Sugar Maple	40	Pole/Log/Sap	6		Ва	ılsam Fir	Medium	5 - 10 feet	Sapling	some larger sapling size trees. Some regen evident coming in with	
	Red Maple	41	Pole/Log/Sap	7	93						aspen, maple, some balsam in areas.	
	Yellow Birch	3	Log/Pole	12								
	Basswood	4	Log/XLog/Pole	17								
	White Spruce	2	Log/Pole	12								
52	500 -	- Water		Nonsto	ocked	3.8		Unspecified	No			
53	6117 - Lowland Deciduous, Mixed Coniferous		, Mixed P	oletimb	er Poor	3.0	41	51-80	N/A		Small stand with drain running through it, stunted timber some top dieback.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Specie	es Density	Avg. Height	Size		
	Sugar Maple	20	Pole/Sapling	6		Ва	ılsam Fir	Low	5 - 10 feet	Sapling		
	Red Maple	30	Pole/Sapling	6		Ta	ag Alder	Low	5 - 10 feet	Tall Shruk		
	White Ash	2	Pole	4								
	Paper Birch	7	Pole/Sapling	6								
	Balsam Fir	34	Pole/Sapling	6	41							
	White Spruce	2	Pole	5								
No	orthern White Cedar	2	Pole	7								
	Black Ash	3	Pole/Sapling	4								
54	6229 - Mixed	l lowland sh	nrub	Nonsto	cked	9.6		Unspecified	No			
55	330 - Low-I	Density Tre	es	Nonsto	5 330 - Low-Density Trees Nonstocked					pen	Harvested via clearcut in 2018 as part of New Hatch Hardwoods, #020- 15. Hemlock and cedar left.	

Newberry Mgt. Unit

Report 7 - Stands



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age E	BA Range	Managed Site		General Comments	
56	4112 - Maple, Beech, Cherry Association			Poletimber We		26.1	97	81-110	N/A		Harvested via select cut in 2018 as part of New Hatch Hardwoods, #020-15.	
	Canopy Species	% Cover	Size Class	DBH	l Age							
	Sugar Maple	14	Pole/Sap/Log	7								
	Red Maple	72	Pole/Log/Sap	9	97							
	Yellow Birch	5	Log/Pole	14								
	White Spruce	2	Log/Pole	12								
	Hemlock	7	Log/Pole	15								
57	4112 - Maple, Asso	Sawtimber Well		2.9	83	81-110	N/A		Stand has many areas of sheet flow running to the west. Mixed low quality hardwoods mainly red maple. Some heavy areas of			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	submerchantable balsam fir. Pockets of hemlock and white pine scattered throughout. Areas with cedar in the more wet areas of the	
	Sugar Maple	16	Pole/Log	10		Ва	alsam Fir	High	10 - 20 feet	Sapling	stand. Stand is part of Sage Splash marked in 2012 and still being cut in	
	Red Maple	65	Log/Pole	11	83	Norther	n White Cedar	Low	>20 feet	Pole	2019. North end is more hardwoods smaller conifer patches, with the	
(Quaking Aspen	2	Log	14		Re	ed Maple	Low	Variable	Sapling	southern end being more heavy to hemlock and pockets of cedar and spruce.	
	White Spruce	3	Log	13	_						- spruce.	
	Hemlock	4	Log/Pole	14								
	White Pine	2	Log/XLog	15								
	Yellow Birch	4	Pole/Log	9								
58	4112 - Maple, Beech, Cherry S Association				Sawtimber Well		12.3 83 8		N/A		Stand has many drainages running to the west drainages have poorer quality hardwood stems and more conifer areas of stand heavy to BF	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	regeneration. Stand was cut from the harvest of stand 14 do to quality and heavier, more wet soils.	
	Sugar Maple	16	Pole/Log	9		Ва	alsam Fir	High	10 - 20 feet	Sapling	and neaver, more wet some.	
	Red Maple	75	Pole/Log	9	83	Norther	n White Cedar	Low	>20 feet	Pole		
(Quaking Aspen	2	Log	14								
	White Spruce	3	Log	13								
60	6229 - Mixed	lowland s	hrub	Nonsto	ocked	2.0	0 L	Inspecified	No		Drain running west to east, significant enough size to classify as it's own stand.	
61	4112 - Maple, Asso	Beech, Ch				24.1 83 141-17			N/A		Stand of hardwoods with heavy conifer to the west and east. Decent quality but beginning to show signs of decline with top die back. Stand	
	Canopy Species		Size Class		Age		nopy Species		Avg. Height	Size	still under contract and to be cut. Sage Splash.	
	Sugar Maple	16	Pole/Log	10			alsam Fir	High	10 - 20 feet	Sapling		
	Red Maple	75	Log/Pole	11	83	Norther	n White Cedar	Low	>20 feet	Pole		
	Quaking Aspen	2	Log	14								
	White Spruce	3	Log	13								

Report 7 – Stands

Compartment: 134

Year of Entry: 2022

Stand	Level 4 C	Size Density		Acres	Stand Age BA Range		Managed Site		General Comments		
63	4112 - Maple, Asso	, Beech, Cociation	herry	Sawtimber Well		2.8	83	141-170	N/A		Was part of stand 61 but was cut off for operational purposes and it's proximity to the stream to the west. Decent timber but edge of a stream,
(Canopy Species	% Cover	Size Class	s DBH Age		Sub-Ca	nopy Species	Density	Avg. Height	Size	some wet ground and on a ridge it was left.
	Sugar Maple	16	Pole/Log	10		Ва	lsam Fir	High	10 - 20 feet	Sapling	
	Red Maple	75	Log/Pole	11	83	Northerr	n White Cedar	Low	>20 feet	Pole	
C	Quaking Aspen	2	Log	14					ı		
,	White Spruce	3	Log	13							