

Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41187 Entry Year 2022

Acreage: 1,380 County Alger

Management Area: Cusino Complex

Revision Date: 2020-05-08

Stand Examiner: Steve Touvila

Legal Description:

T46N-R17W, Sections 10, 11, 14, 15 and 23

Identified Planning Goals:

This compartment falls within the Cusino Complex Management Area. Manage the compartment in accordance with the principles of sustainable forest management for multiple resource values

Soil and topography:

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

Unique Natural Features:

Wood turtle (Clemmys insculpta, state special concern) could occur in and along Star Creek. See the Species Abstract on the web access for more detailed information on wood turtles. The prescribed treatments in this compartment are unlikely to adversely impact this species if best management practices are followed along these riparian corridors.

There is also potential for nesting red-shouldered hawk (Buteo lineatus, state threatened) and Northern goshawks (Accipiter gentilis, state special concern) to occur throughout this compartment in stands of northern hardwoods, mixed swamp conifer, and swamp hardwoods. For more specific information on these species' habitat and ecology and for management recommendations please refer to the General Comments section of this document. Please also see the Species Abstract section of this document in which we have provided the web access for more detailed information on these rare raptors. Please refer to the Species Abstract section for the web access for more detailed information on the mesic northern forest community.

Archeological, Historical, and Cultural Features:

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

Fisheries Values

Good. Both the Star Creek system and Metser Creek are classified SQCW, capable of supporting native brook trout.

Wildlife Habitat Considerations:

Compartment 187 lies within south eastern Alger county in the Grand Marais Sandy End Moraine and Outwash subsubsection and is a part of the Cusino Complex Management area with American marten, moose, black bear, gray jay, northern goshawk, and white-tailed deer as featured species. The growing season is approximately 130 days. Extreme low winter temperatures near –35 degrees F and average annual snowfalls of 180 inches or more are common. Pre-settlement vegetation was dominated by sugar maple, hemlock, yellow birch, white pine, balsam fir, ironwood and beech in the uplands. Lowlands were dominated by cedar, tamarack, black spruce, elm, and black ash. Windthrow and beaver ponding were most likely the dominant forms of natural disturbance. Current vegetation appears to be similar to what was noted in the land survey work done in the 1850's. Uplands are dominated by sugar maple, hemlock, beech, and yellow birch, with white pine mixed in. Lowlands contain primarily cedar.

Wildlife habitat management objectives include maintaining high biodiversity values within harvested stands. In northern hardwood stands, management will focus on the maintenance of mature trees, coarse woody debris, forest structure, hard and soft mast producers and mesic conifer retention. The Petrel deer wintering complex lies within portions of this compartment so management for closed canopy lowland conifers and regenerating these species when possible will continue. Management of young successional forest types for browse and in stand retention of boreal forest types is also a

priority. Maintaining herbaceous open lands within this compartment is also a priority. Other wildlife species of interest include gray wolf, bobcat, fisher, spruce grouse, red-breasted nuthatch, pileated woodpecker, and saw-whet owls.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of medium-textured glacial till and peat and muck. There is insufficient data to determine the glacial drift thickness. The Ordovician Prairie du Chien (PdC) subcrops below the glacial drift. The PdC could be used for stone. The nearest gravel pit (quarry?) is in the SW of Section 14. There appears to be gravel potential on State lands along the west and south compartment boundaries.

Vehicle Access:

Vehicle access is limited in this compartment. The entire western edge of the compartment is accessible by a two track road. The eastern edge is accessible from the south for approximately 1.2 miles.

Survey Needs:

None at this time.

Recreational Facilities and Opportunities:

Star creek provides the opportunity for brook trout fishing.

Fire Protection:

Fire equipment access is limited in this compartment. The majority of the compartment is cedar and other lowland types with scattered hardwood stands. Fire activity is low with a low chance of significant spread.

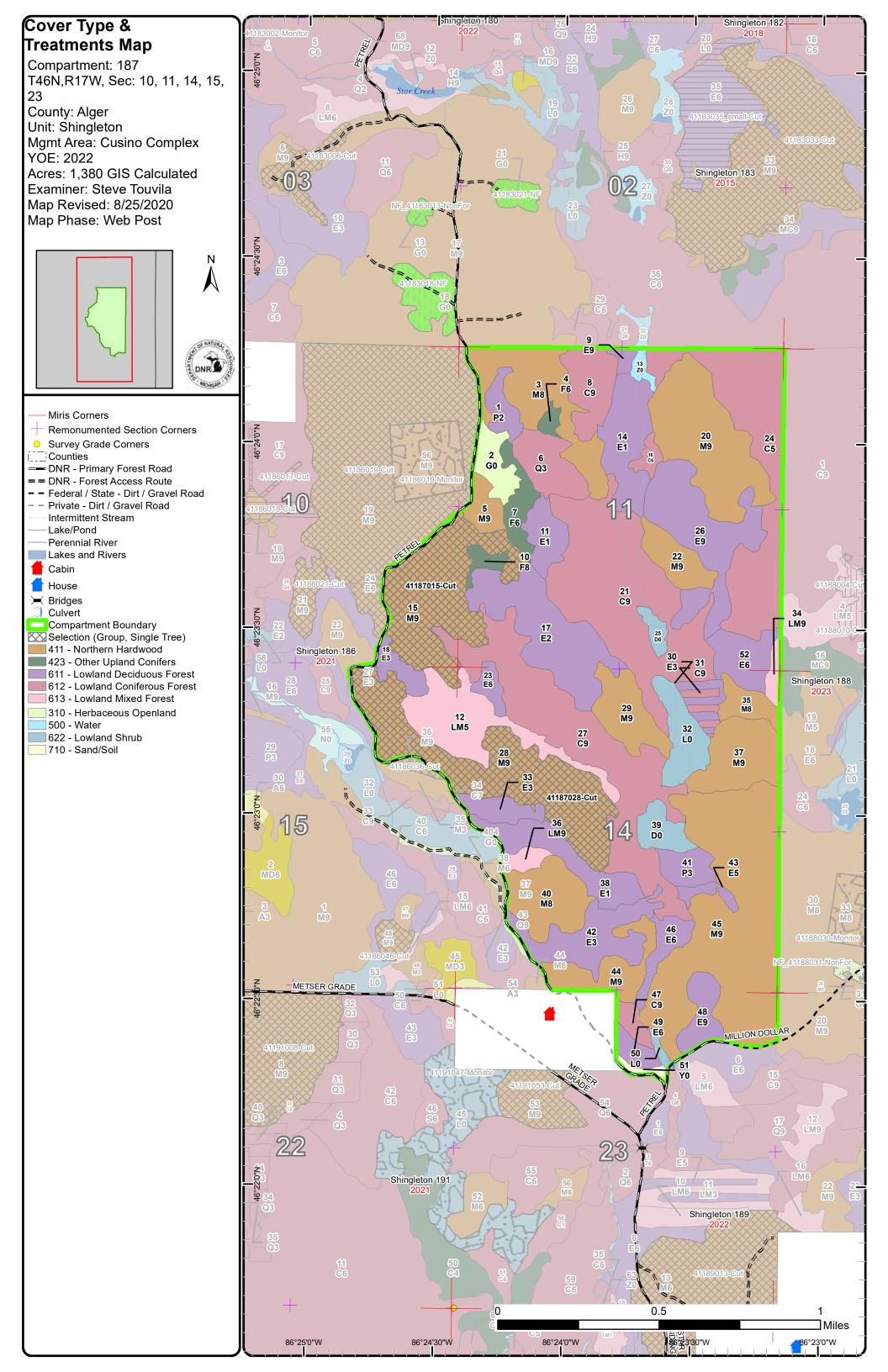
Additional Compartment Information:

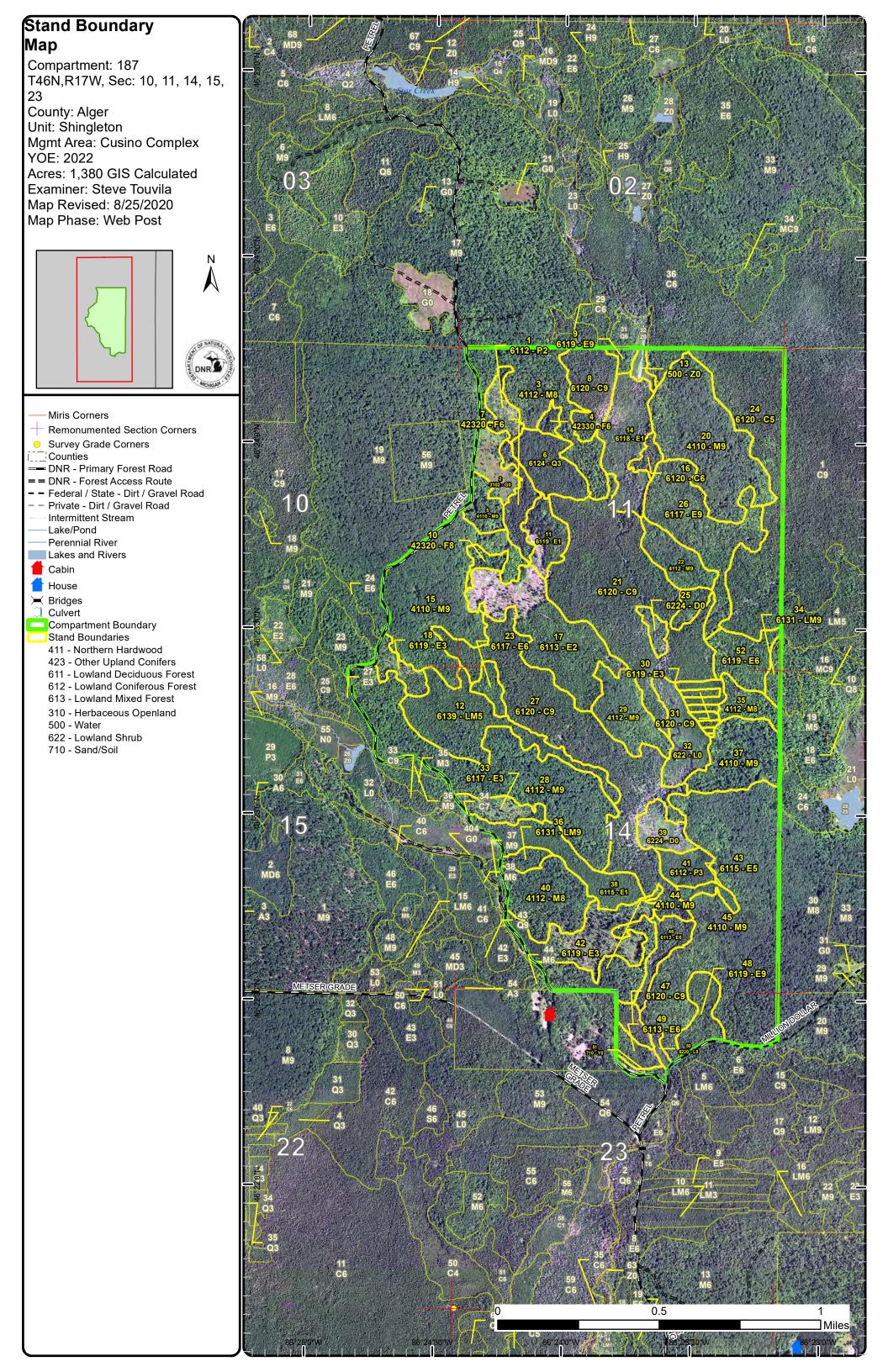
The following reports from the Inventory are attached:

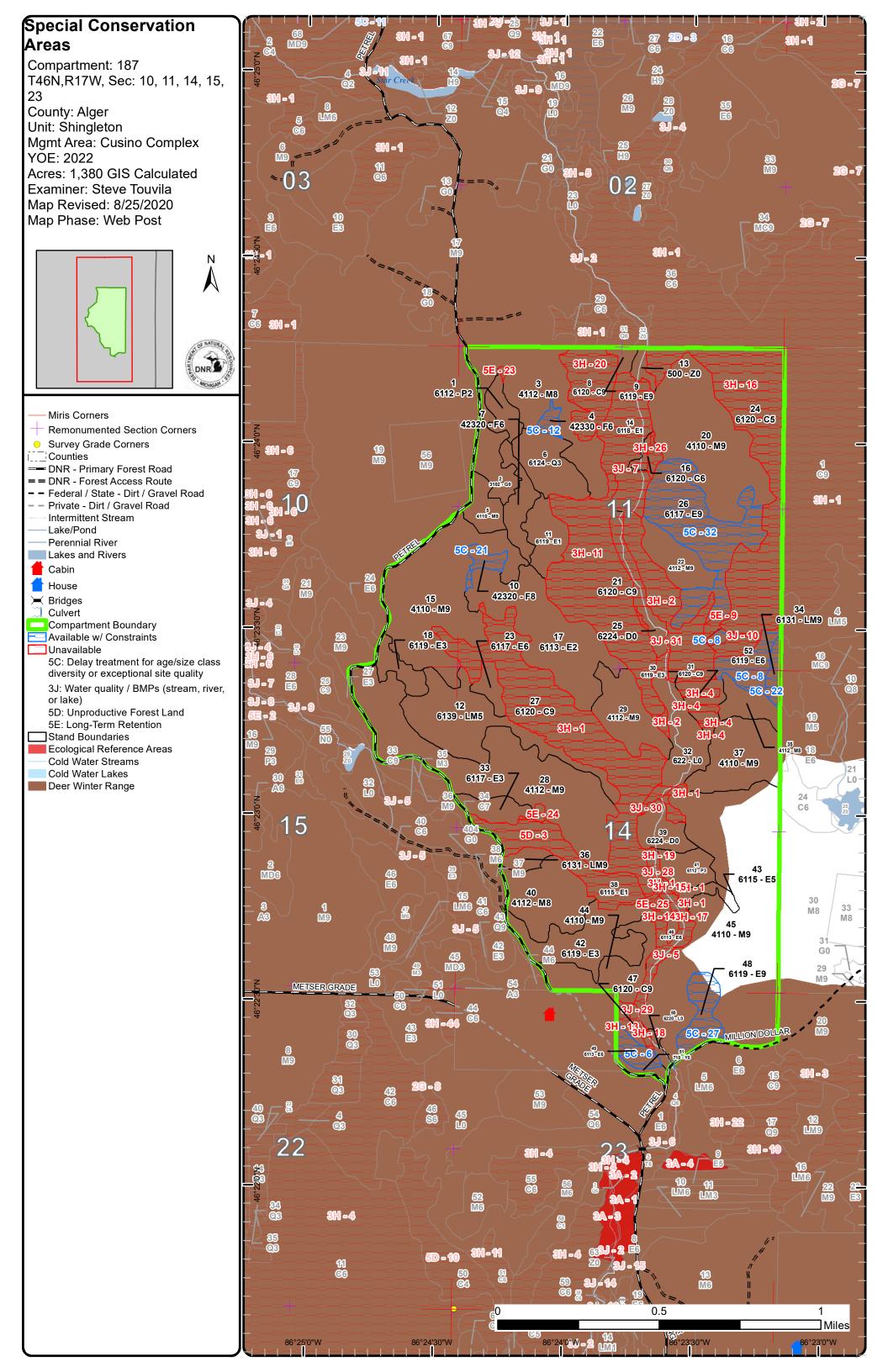
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

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







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Age Class

					,	,	,	,		,	,	,	/	,		,	,	,	, ,
	No.	A CONTRACTOR OF THE PROPERTY O	3 / 8			3 / \$		8/8					70,7				, E	St Just	TO TO
Cedar	0	0	0	0	0	0	0	0	0	0	83	0	6	235	9	0	0	0	332
Herbaceous Openland	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Lowland Aspen/Balsam Poplar	0	9	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Lowland Conifers	0	0	0	0	21	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Lowland Deciduous	0	123	0	32	0	6	28	5	17	93	0	0	0	0	0	0	0	3	307
Lowland Mixed Forest	0	0	0	0	0	0	0	0	43	5	0	0	0	0	0	0	0	5	53
Lowland Shrub	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23
Northern Hardwood	0	0	0	0	0	0	0	0	0	407	23	0	0	0	0	0	0	140	569
Sand, Soil	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Treed Bog	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Upland Spruce/Fir	0	0	0	0	0	0	13	8	0	0	0	0	0	0	0	0	0	0	20
Water	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Total	58	132	0	32	32	6	41	13	60	505	106	0	6	235	9	0	0	148	1379



Report 2 – Treatment Summary

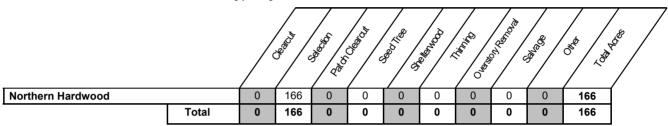
Shingleton Mgt. Unit Year of Entry: 2022

Acres of Harvest

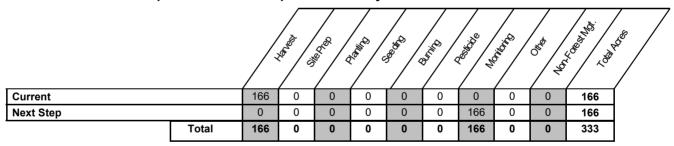
Compartment 187
Total Compartment Acres: 1,380

Commercial Harvest - 166
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method



Shingleton Mgt. Unit

Report 3 -- Treatments

Compartment: 187 Year of Entry: 2022



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

over Type Age Objective Structure Habitat Cut

Proposed Treatments:

1541187015-Cut73.9 4110 - Sugar MapleSawtimber87141-HarvestSingle Tree411 - NorthernUneven-NoAssociationWell170SelectionHardwoodAged

Prescription Thin to average 80 BA and create regeneration canopy gaps following the complete marker. Don't cut hemlock. Open up around the drip

Specs: line of hemlock if possible.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable sugar maple, red maple, yellow birch, paper birch, hemlock, balsam fir, white spruce, white pine.

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2021

41187028-Cut 92.5 4112 - Maple, Sawtimber 111-Harvest Single Tree 411 - Northern Uneven-No Beech, Cherry Well Selection Hardwood 140 Aged Association

<u>Prescription</u> Single tree selection to an average 80 BA creating canopy openings for the advanced regeneration following the complete marker. Open up

Specs: around the drip lines of some of the hemlock if possible. Don't cut hemlock.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable sugar maple, red maple, yellow birch, paper birch, white spruce, hemlock, balsam fir, white pine

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2021

Total Treatment Acreage Proposed: 166.4

Compartment: 187

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Availa	ability for	Managemer	nt						
Total	Acres	Acres Avail	Acres	De	omina	nt Site	e Con	dition	S
Acres	Available	With Condition	Not Available		5C	3H	3J	5D	5E
333	0	0	333	Cedar		311	21		
13	13	0	0	Herbaceous Openland					
20	19	0	1	Lowland Aspen/Balsam Poplar			0		1
20	20	0	0	Lowland Conifers					
306	142	87	78	Lowland Deciduous	87	0	45	28	5
53	48	5	0	Lowland Mixed Forest	5				
23	23	0	0	Lowland Shrub		0			
569	569	0	0	Northern Hardwood		0	0		
3	3	0	0	Sand, Soil					
16	16	0	0	Treed Bog		0	0		
20	13	8	0	Upland Spruce/Fir	8				
3	3	0	0	Water			0		
1,380	869	100	411	Total Forested Acres	100	312	67	28	5
-	63%	7%	30%	Relative Percent					-

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition	
1	Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time		91	Unspecified	Unspecified	Unspecified	Unspecified	
	Comments: Part of Petrel deerya	ard.						
2	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	33	Unspecified	Unspecified	Unspecified	Unspecified	
	Comments:							

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3	Unavailable	5D: Unproductive Forest Land	28	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
4	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	4	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	9	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Star Creek and trib	outary that runs into it.					
6	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
7	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	41	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
8	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	14	2D: Portable Bridge Needed (Dept. bridge will be adequate)	Unspecified	Unspecified	Unspecified
	Comments:						

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9	Unavailable	5E: Long-Term Retention	ntion 2 3J: Water quality / BMPs (stream, river, or lake)		Unspecified	Unspecified	Unspecified
	Comments: Long term retention	n for proposed harvest and 100'	buffer	for a shallow 3' wide stream.			
10	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	4	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: 100' buffer for 2 str	reams that flow out of the cedar	stand	and merge into 1 stream just e	east of the road. They a	re shallow and 4-6' wide.	
11	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	69	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
12	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
13	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
14	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

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Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	1	Unspecified	Unspecified	Unspecified	Unspecified
omments:						
Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	83	Unspecified	Unspecified	Unspecified	Unspecified
omments:						
Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	0	Unspecified	Unspecified	Unspecified	Unspecified
omments:						
Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	0	Unspecified	Unspecified	Unspecified	Unspecified
omments:						
Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	0	Unspecified	Unspecified	Unspecified	Unspecified
omments:						
	Unavailable Unavailable Unavailable Unavailable Unavailable Unavailable	habitat is incompatible with harvest at this time The second of the sec	habitat is incompatible with harvest at this time Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time	habitat is incompatible with harvest at this time Dimments: Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Dimments: Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time	habitat is incompatible with harvest at this time Dimments: Unavailable 3H: Deer Wintering Area - 83 Unspecified Unspecified with harvest at this time Dimments: Unavailable 3H: Deer Wintering Area - 0 Unspecified Unspecified with harvest at this time Dimments: Unavailable 3H: Deer Wintering Area - 0 Unspecified Unspecified Unspecified With harvest at this time Dimments: Unavailable 3H: Deer Wintering Area - 0 Unspecified Unspecified Unspecified With harvest at this time Dimments: Unavailable 3H: Deer Wintering Area - 0 Unspecified Unspecified With harvest at this time Dimments:	habitat is incompatible with harvest at this time Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time

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20	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	22	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
21	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
22	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
23	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Long term retention	n from 2014 sale Petrel 187 Mix	410361	1201.			
24	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Retention from 201	14 Petrel 187 mix 410361201.					
25	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Long term retention	n from Petrel 187 Mix 41036120	1.				

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26	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	2	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
27	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	14	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
28	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	6	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
29	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
30	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
31	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						

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32	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	52	2D: Portable Bridge Needed (Dept. bridge will be adequate)	Unspecified	Unspecified	Unspecified
Co	omments:						

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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				

Shingleton Mgt. Unit Compartment: 187
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.

Conservation Area	on Type	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen condition stocked trout populations and those of other coldwater fish speci conditions for coldwater fishes may occur in Michigan lakes if the groundwater inflows, or are located in colder (northern) areas of Director's action and designated as trout resources by Fisheries	es to persist from year to year. Suitable ey are relatively deep, have substantial the state. Such lakes are established by
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen cond stocked trout populations and those of other coldwater fish speci year to year. Coldwater streams in Michigan typically provide the contributions of groundwater to their stream flows. Such streams designated as trout resources by Fisheries Order 210.	es (e.g., slimy sculpin) to persist from se conditions due to substantial
SCA	Habitat Area	An area that provide some specific need for the life cycle of wildle 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 cooperations.	wland conifer communities, grassland abitat designated for recovery of piping plover areas) in that they are more rendangered species, and are not
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of identified as Element Occurrences (EOs) by the Michigan Natura context of their natural community classification system. Element (Excellent) or B (Good) and a Global (G) or State (S) element (rathreatened (2), or rare (3) serve as an initial base of ERAs. They the State. The system is comprised of individual or associations managed for restoration and maintenance of natural ecological psubmit 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

Shingleton Mgt. Unit



Stan	d Level 4 C	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
1	6112 - Lo	wland Aspe	n .	Sapling I	Medium	8.9	6	Immature	N/A		Regeneration filling in and growing. Cut in 2014 as part of Petrel 187 Mix
	Canopy Species	% Cover	Size Class	DBH	Age						410361201.
	Quaking Aspen	50	Sapling	1	6						
	Balsam Poplar	35	Sapling	1							
	Black Spruce	1	Sapling	1							
	Balsam Fir	5	Sapling	1							
	Black Ash	2	Sapling	1							
	Yellow Birch	7	Sapling	1							
2	3102	- Grass		Nonsto	ocked	12.9		Unspecified	Managed Op	pening	Previously classified as grassland; 5' tall scattered white spruce is in the south end of the stand. A small 10' tall aspen clone is at the south edge of the stand, and 5' tall black cherry is widely scattered throughout the opening. Opening was cleared of brush using a hydro axe in 2012. Perimeter was planted with red oak and apple seedlings in 2016.
3	4112 - Maple, Asso	, Beech, Ch ociation	erry S	awtimbe	· Mediur	n 47.8	86	81-110	N/A		Black cherry is rapidly dying and looks like 10% will be left by next entry. BA averages 105.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	
	Sugar Maple	58	Log/Pole	12	86	-	Beech	Trace	5 - 10 feet Sapling		
	Red Maple	24	Log/Pole	12		Ва	lsam Fir	Medium	Variable	Sapling	
	Yellow Birch	1	Log	16		Whi	te Spruce	Low	5 - 10 feet	Sapling	
	Basswood	1	Pole/Log	9		Iro	onwood	Low	10 - 20 feet	Sapling	
	White Spruce	1	Log	16		Blad	ck Cherry	Medium	5 - 10 feet	Sapling	
	White Pine	1	Log	14		Yel	low Birch	Medium	5 - 10 feet	Sapling	
	Black Cherry	12	Pole/Log	9		Re	ed Maple	Medium	10 - 20 feet	Sapling	
	Balsam Fir	1	Pole	8		Sug	gar Maple	Medium	10 - 20 feet	Sapling	
	Ironwood	1	Pole	8							-
4	42330 -	Upland Fir		Poletimb	er Well	3.0	64	81-110	N/A		Some of the larger balsam fir are starting to break up.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	
	Red Maple	25	Pole/Log	8		Ва	lsam Fir	Medium	>20 feet	Sapling	
	Quaking Aspen	1	Log	10		Re	d Maple	Medium	>20 feet	Sapling	
	Balsam Fir	70	Pole/Log	9	64	Sug	gar Maple	Medium	>20 feet	Sapling	
	Black Cherry	2	Pole	7							
	Paper Birch	1	Pole	7							
	Basswood	1	Pole/Log	9							
5	4110 - Sugar N	Maple Assoc	ciation	Sawtimb	er Well	9.8	87	81-110	N/A		Two aged stand with full sapling regeneration. Not ready for another
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	sity Avg. Height Size	thinning yet.	
	Carlopy Species	/0 OOV61	0.20 0.000		- 3-		. 1. 3 . 1	•			

Report 7 - Stands



Stand	d Level 4 Co	over Type	S	ize Der	ısıty	Acres St	and Age B	A Range	Managed S	iite	General Comments
6	6124 - Lowla	and Spruce	-Fir s	Sapling	Well	20.5	32 lı	mmature	N/A		Regeneration is thick and looks good.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canop	py Species	Density	Avg. Height	Size	
	Paper Birch	20	Sapling	3		Balsar	m Fir	Medium	< 5 feet	Sapling	
	Quaking Aspen	20	Sapling	4		White S	Spruce	Medium	< 5 feet	Sapling	
	Balsam Fir	33	Sapling	3	32						
	White Spruce	21	Sapling	3							
	Black Spruce	2	Sapling	3							
	Red Maple	2	Sapling	2							
	Black Cherry	2	Sapling	3							
7	42320 - Up	oland Sprud	ce Po	oletimbe	er Well	12.5	50	81-110	N/A		White spruce looks healthy.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canop	py Species	Density	Avg. Height	Size	
	Balsam Fir	1	Pole	6		Balsar	m Fir	Low	5 - 10 feet	Sapling	
	White Spruce	91	Pole	8	50	White S	Spruce	Medium	>20 feet	Sapling	
	Black Cherry	2	Pole	8		Red M	/laple	Low	5 - 10 feet	Sapling	
		2	Log/Pole	10							
	Paper Birch	2	LUG/FUIE	10							
	Paper Birch Quaking Aspen	2	Log/Pole	10							
8	Quaking Aspen Red Maple	2 2 wland Ceda	Log/Pole Pole Sar Sa	10 9 awtimbe		22.3	128	201+	N/A		Larger cedar that is straight and average height for it's diameter.
	Quaking Aspen Red Maple 6120 - Low Canopy Species	2 2 wland Ceda	Log/Pole Pole	10 9 awtimbe		Sub-Canop	py Species	201+ Density	Avg. Height	Size	Larger cedar that is straight and average height for it's diameter.
	Quaking Aspen Red Maple 6120 - Low Canopy Species Yellow Birch	2 2 wland Ceda % Cover 2	Log/Pole Pole Size Class Log	10 9 awtimbe DBH		Sub-Canop Yellow	py Species Birch	Density Low	Avg. Height 5 - 10 feet	Sapling	Larger cedar that is straight and average height for it's diameter.
	Quaking Aspen Red Maple 6120 - Low Canopy Species Yellow Birch Paper Birch	2 2 2 Wland Ceda % Cover 2 2 2	Log/Pole Pole Ar Saize Class Log Log/Pole	10 9 awtimbe DBH 12 11		Sub-Canop Yellow Balsar	py Species Birch m Fir	Low Low	Avg. Height 5 - 10 feet 5 - 10 feet	Sapling Sapling	Larger cedar that is straight and average height for it's diameter.
	Quaking Aspen Red Maple 6120 - Low Canopy Species Yellow Birch Paper Birch White Pine	2 2 wland Ceda % Cover 2 2 1	Log/Pole Pole Size Class Log Log/Pole Log/XLog	10 9 awtimbe DBH 12 11 16		Sub-Canop Yellow Balsar Red M	py Species Birch m Fir Maple	Density Low	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling	
8	Quaking Aspen Red Maple 6120 - Low Canopy Species Yellow Birch Paper Birch White Pine Black Spruce	2 2 2 Mland Ceda Cover 2 2 1 1 10	Log/Pole Pole Size Class Log Log/Pole Log/XLog Log/Pole	10 9 awtimbe DBH 12 11 16 10	Age	Sub-Canop Yellow Balsar	py Species Birch m Fir Maple	Low Low	Avg. Height 5 - 10 feet 5 - 10 feet	Sapling Sapling	
8	Quaking Aspen Red Maple 6120 - Low Canopy Species Yellow Birch Paper Birch White Pine Black Spruce orthern White Cedar	2 2 2 4 1 10 83	Log/Pole Pole Size Class Log Log/Pole Log/XLog Log/Pole Log/Pole	10 9 awtimbe DBH 12 11 16 10 13		Sub-Canop Yellow Balsar Red M	py Species Birch m Fir Maple	Low Low Trace	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling	
8	Quaking Aspen Red Maple 6120 - Low Canopy Species Yellow Birch Paper Birch White Pine Black Spruce	2 2 2 Mland Ceda Cover 2 2 1 1 10	Log/Pole Pole Size Class Log Log/Pole Log/XLog Log/Pole	10 9 awtimbe DBH 12 11 16 10	Age	Sub-Canop Yellow Balsar Red M	py Species Birch m Fir Maple	Low Low Trace	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling	
8	Quaking Aspen Red Maple 6120 - Low Canopy Species Yellow Birch Paper Birch White Pine Black Spruce orthern White Cedar Black Ash 6119 - Mixed Lo	2 2 2 1 1 10 83 2	Log/Pole Pole Size Class Log Log/Pole Log/XLog Log/Pole Log/Pole Pole	10 9 awtimbe DBH 12 11 16 10 13	128	Sub-Canop Yellow Balsar Red M	py Species Birch m Fir Maple Alder	Low Low Trace	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling	
8 No	Quaking Aspen Red Maple 6120 - Low Canopy Species Yellow Birch Paper Birch White Pine Black Spruce orthern White Cedar Black Ash 6119 - Mixed Lo	2 2 2 Wland Ceda % Cover 2 2 1 1 10 83 2 2 2 2 2 2 2 2 2 2 2 3 2 2 2 2 2 3 2	Log/Pole Pole Size Class Log Log/Pole Log/XLog Log/Pole Log/Pole Pole	10 9 awtimbe DBH 12 11 16 10 13 6	128	Sub-Canop Yellow Balsar Red M Tag A	py Species Birch m Fir Maple Alder	Density Low Low Trace Low	Avg. Height 5 - 10 feet	Sapling Sapling Sapling	
8 No	Quaking Aspen Red Maple 6120 - Low Canopy Species Yellow Birch Paper Birch White Pine Black Spruce orthern White Cedar Black Ash 6119 - Mixed Lo	2 2 2 Wland Ceda % Cover 2 2 1 1 10 83 2 2 2 2 2 2 2 2 2 2 2 3 2 2 2 2 2 3 2	Log/Pole Pole Size Class Log Log/Pole Log/XLog Log/Pole Log/Pole Pole iduous Sa	10 9 DBH 12 11 16 10 13 6	128	Sub-Canop Yellow Balsar Red M Tag A	py Species Birch m Fir Maple Alder 86 py Species	Low Low Trace Low	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A	Sapling Sapling Sapling Tall Shrub	
8 No	Quaking Aspen Red Maple 6120 - Low Canopy Species Yellow Birch Paper Birch White Pine Black Spruce orthern White Cedar Black Ash 6119 - Mixed Lo Fo	2 2 Mland Ceda Cover 2 1 10 83 2 wland Decorest Cover	Log/Pole Pole Size Class Log Log/Pole Log/XLog Log/Pole Log/Pole pole Size Class	10 9 Pawtimber 12 11 16 10 13 6 Pawtimber 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	128 er Well	Sub-Canop Yellow Balsar Red M Tag A	py Species Birch m Fir Maple Alder 86 py Species m Fir	Low Low Trace Low Density	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height	Sapling Sapling Sapling Tall Shrub	
8 No	Quaking Aspen Red Maple 6120 - Low Canopy Species Yellow Birch Paper Birch White Pine Black Spruce orthern White Cedar Black Ash 6119 - Mixed Lo Fo Canopy Species Red Maple	2 2 2	Log/Pole Pole Size Class Log Log/Pole Log/Pole Log/Pole Pole iduous Size Class Log/Pole	10 9 Pawtimber 12 11 16 10 13 6 Pawtimber 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	128 er Well	Sub-Canop Yellow Balsar Red M Tag A 3.0 Sub-Canop Balsar	py Species Birch m Fir Maple Alder 86 py Species m Fir Ash	Low Low Trace Low 111-140 Density Medium	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height Variable	Sapling Sapling Sapling Tall Shrub	
8 No 9	Quaking Aspen Red Maple 6120 - Low Canopy Species Yellow Birch Paper Birch White Pine Black Spruce orthern White Cedar Black Ash 6119 - Mixed Lo Fo Canopy Species Red Maple Yellow Birch	2 2 2	Log/Pole Pole Size Class Log Log/Pole Log/Pole Log/Pole Pole iduous Size Class Log/Pole Log/Pole Log/Pole Log/Pole	10 9 Pawtimber 12 11 16 10 13 6 Pawtimber 11 11 12	128 er Well	Sub-Canop Yellow Balsar Red M Tag A 3.0 Sub-Canop Balsar Black	py Species Birch m Fir Maple Alder 86 py Species m Fir Ash Birch	Low Low Trace Low 111-140 Density Medium Low	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height Variable 10 - 20 feet	Sapling Sapling Sapling Tall Shrub Size Sapling Sapling	
8 No 9	Quaking Aspen Red Maple 6120 - Low Canopy Species Yellow Birch Paper Birch White Pine Black Spruce orthern White Cedar Black Ash 6119 - Mixed Lo Fo Canopy Species Red Maple Yellow Birch Paper Birch	2 2 2 1 1 10 83 2 2 wland Decorest 40 15 25	Log/Pole Pole Size Class Log Log/Pole Log/XLog Log/Pole Log/Pole Size Class Log/Pole Log/Pole Log/Pole	10 9 Pawtimber 12 11 16 10 13 6 Pawtimber 11 12 10 10 10 10 10 10 10 10 10 10 10 10 10	128 er Well	Sub-Canop Yellow Balsan Red M Tag A 3.0 Sub-Canop Balsan Black Yellow	py Species Birch m Fir Maple Alder 86 py Species m Fir Ash Birch Spruce	Low Low Trace Low 111-140 Density Medium Low Medium	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height Variable 10 - 20 feet >20 feet	Sapling Sapling Sapling Tall Shrub Size Sapling Sapling Sapling Sapling	
8 No 9	Quaking Aspen Red Maple 6120 - Low Canopy Species Yellow Birch Paper Birch White Pine Black Spruce orthern White Cedar Black Ash 6119 - Mixed Lo Fo Canopy Species Red Maple Yellow Birch Paper Birch orthern White Cedar	2 2 2 1 1 10 83 2 2 wland Decorest 40 15 25 5	Log/Pole Pole Size Class Log Log/Pole Log/XLog Log/Pole Log/Pole Size Class Log/Pole	10 9 Pawtimber 12 11 16 10 13 6 Pawtimber 11 12 10 12 10 12	128 er Well	Sub-Canop Yellow Balsar Red M Tag A 3.0 Sub-Canop Balsar Black Yellow Black S	py Species Birch m Fir Maple Alder 86 py Species m Fir Ash Birch Spruce Maple	Density Low Low Trace Low 111-140 Density Medium Low Medium Low Low	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height Variable 10 - 20 feet > 20 feet 5 - 10 feet	Sapling Sapling Sapling Tall Shrub Size Sapling Sapling Sapling Sapling Sapling	



											DONR)
Stand	d Level 4 Co	over Type		Size Dens	ity	Acres	Stand Age E	BA Range	Managed S	iite	General Comments
10	42320 - Up	oland Sprud	ce Sav	wtimber M	ledium	4.7	63	51-80	N/A		Semi open stand with log and pole sized white spruce.
	Canopy Species	% Cover	Size Class	DBH A	\ge	Sub-Car	nopy Species	Density	Avg. Height	Size	
	White Spruce	93	Log/Pole	11 6	63	Whit	e Spruce	Low	5 - 10 feet	Sapling	
	Black Cherry	5	Pole	8		Blac	k Cherry	Low	Variable	Sapling	
	Red Maple	2	Log	12		Sug	ar Maple	Medium	5 - 10 feet	Sapling	
						Re	d Maple	Medium	5 - 10 feet	Sapling	
11	6119 - Mixed Lo Fo	wland Deci prest	duous	Sapling Po	oor	14.1	3	Immature	N/A		Western star 41-005-12 unit 1. TCR: 4/26/17
	Canopy Species	% Cover	Size Class	DBH A	\ge						
	Red Maple	25	Sapling		3						
	Quaking Aspen	25	Sapling	1							
	Black Cherry	10	Sapling	1							
	Paper Birch	20	Sapling	1							
	Balsam Fir	10	Sapling	1							
	Black Spruce	8	Sapling	1							
	Black Ash	2	Sapling	1							
12	6139 - Mixed Canopy Species			etimber M	icaiaiii	43.4	75	81-110	N/A		Growing stand with some areas of descent ground. The wettest ground is as you enter the stand from the western edge. This area contains the
		% Cover	Size Class	DBH A	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Red Maple	% Cover	Size Class Pole	DBH A	Age		nopy Species ow Birch	Density Medium	Avg. Height >20 feet	Size Sapling	most black ash.
	Red Maple Yellow Birch			9	\ge	Yell					
	<u>'</u>	10	Pole	9	Age	Yell Bal	ow Birch	Medium	>20 feet	Sapling	
	Yellow Birch	10	Pole Pole/Sap/Log	9 8	lge	Yell Bal Blac	ow Birch sam Fir	Medium Medium	>20 feet Variable	Sapling Sapling	
	Yellow Birch Paper Birch	10 10 5	Pole Pole/Sap/Log Pole	9 8 7	Age	Yell Bal Blac Bla	ow Birch sam Fir k Spruce	Medium Medium Low	>20 feet Variable Variable	Sapling Sapling Sapling	
No	Yellow Birch Paper Birch Balsam Fir	10 10 5 2	Pole Pole/Sap/Log Pole Pole/Sapling	9 8 7 7	Age	Yell Bal Blac Bla	ow Birch sam Fir k Spruce ack Ash	Medium Medium Low High	>20 feet Variable Variable >20 feet	Sapling Sapling Sapling Sapling	
No	Yellow Birch Paper Birch Balsam Fir Black Spruce	10 10 5 2 5	Pole Pole/Sap/Log Pole Pole/Sapling Pole	9 8 7 7	Age	Yell Bal Blac Bla	ow Birch sam Fir k Spruce ack Ash	Medium Medium Low High	>20 feet Variable Variable >20 feet	Sapling Sapling Sapling Sapling	
No	Yellow Birch Paper Birch Balsam Fir Black Spruce orthern White Cedar	10 10 5 2 5 5	Pole Pole/Sap/Log Pole Pole/Sapling Pole Pole	9 8 7 7 7 8 14	Age 75	Yell Bal Blac Bla	ow Birch sam Fir k Spruce ack Ash	Medium Medium Low High	>20 feet Variable Variable >20 feet	Sapling Sapling Sapling Sapling	
No	Yellow Birch Paper Birch Balsam Fir Black Spruce orthern White Cedar Hemlock	10 10 5 2 5 5 3	Pole Pole/Sap/Log Pole Pole/Sapling Pole Pole Log	9 8 7 7 7 8 14 6 7		Yell Bal Blac Bla	ow Birch sam Fir k Spruce ack Ash	Medium Medium Low High	>20 feet Variable Variable >20 feet	Sapling Sapling Sapling Sapling	
No	Yellow Birch Paper Birch Balsam Fir Black Spruce orthern White Cedar Hemlock Black Ash	10 10 5 2 5 5 3 25	Pole Pole/Sap/Log Pole Pole/Sapling Pole Pole Log Pole/Sapling	9 8 7 7 7 8 14 6 7	75	Yell Bal Blac Bla	ow Birch sam Fir k Spruce ack Ash	Medium Medium Low High	>20 feet Variable Variable >20 feet	Sapling Sapling Sapling Sapling	
No.	Yellow Birch Paper Birch Balsam Fir Black Spruce orthern White Cedar Hemlock Black Ash White Spruce White Pine	10 10 5 2 5 5 5 3 25 33	Pole Pole/Sap/Log Pole Pole/Sapling Pole Pole Log Pole/Sapling Pole/Sapling Pole/Sapling Pole Log/Pole	9 8 7 7 7 8 14 6 7	75 75	Yell Bal Blac Bla	ow Birch Isam Fir k Spruce ack Ash emlock	Medium Medium Low High	>20 feet Variable Variable >20 feet	Sapling Sapling Sapling Sapling	
	Yellow Birch Paper Birch Balsam Fir Black Spruce orthern White Cedar Hemlock Black Ash White Spruce White Pine	10 10 5 2 5 5 3 25 33 2 2 Water	Pole Pole/Sap/Log Pole Pole/Sapling Pole Pole Log Pole/Sapling Log Pole/Sapling Pole Log/Pole	9 8 7 7 7 8 14 6 7 9 7	75 75	Yell Bal Blac Blac He	ow Birch Isam Fir k Spruce ack Ash emlock	Medium Medium Low High Trace	>20 feet Variable Variable >20 feet >20 feet 5 - 10 feet	Sapling Sapling Sapling Sapling	most black ash.
13	Yellow Birch Paper Birch Balsam Fir Black Spruce orthern White Cedar Hemlock Black Ash White Spruce White Pine	10 10 5 2 5 3 25 33 2 Water	Pole Pole/Sap/Log Pole Pole/Sapling Pole Pole Log Pole/Sapling Log Pole/Sapling Pole Log/Pole	9 8 7 7 7 8 14 6 7 9 7	75 75 sed	Yell Bal Blac Bla He	ow Birch Isam Fir k Spruce ack Ash emlock	Medium Medium Low High Trace Unspecified	>20 feet Variable Variable >20 feet >20 feet 5 - 10 feet	Sapling Sapling Sapling Sapling	most black ash. Part of Star Creek.
13	Yellow Birch Paper Birch Balsam Fir Black Spruce orthern White Cedar Hemlock Black Ash White Spruce White Pine 500 -	10 10 5 2 5 3 25 33 2 Water	Pole Pole/Sap/Log Pole Pole/Sapling Pole Log Pole/Sapling Pole Log Pole/Sapling Pole Log/Pole	9 8 7 7 7 8 14 6 7 9 7 14 Nonstock	75 75 sed	Yell Bal Blac Bla He	ow Birch Isam Fir k Spruce ack Ash emlock	Medium Medium Low High Trace Unspecified	>20 feet Variable Variable >20 feet 5 - 10 feet No	Sapling Sapling Sapling Sapling Sapling	Part of Star Creek. Very wet site with young black ash and cedar.



Stand	Level 4 Co	over Type	s	ize De	nsity	Acres	Stand Age E	BA Range	Managed S	iite	General Comments
15	4110 - Sugar M	laple Asso	ciation Sa	awtimb	er Well	73.9	87	141-170	N/A		Last cut in mid 80's. Basal area is as high as 160 in areas. Ready for a
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	single tree selection thinning to promote regeneration.
	Sugar Maple	96	Log/Pole/XLog	12	87	Sug	gar Maple	Low	>20 feet	Sapling	
	Red Maple	2	Log/Pole	11		Re	d Maple	Low	>20 feet	Sapling	
	Yellow Birch	1	Pole	8		Yel	low Birch	Trace	>20 feet	Sapling	
	Hemlock	1	Log	16		Ва	lsam Fir	Trace	Variable	Sapling	
16	6120 - Lov	wland Ceda	ar Po	oletimb	er Well	4.4	133	141-170	N/A		Cedar stand near Star Creek.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Yellow Birch	5	Pole/Log	8		Ва	lsam Fir	Low	5 - 10 feet	Sapling	
	Red Maple	5	Pole	8		Whi	te Spruce	Low	5 - 10 feet	Sapling	
	Black Spruce	5	Pole	8							•
Nor	rthern White Cedar	80	Pole	8	133						
	White Spruce	5	Log/Pole	14							
17	6113 - Lov				/ledium	55.7	3	Immature	N/A		Western Star 41-005-17-01 unit 1 TCR: 4/26/17. The majority of residual trees are hemlock with some cedar. Regeneration is doing good.
	Canopy Species		Size Class		Age						
	Red Maple	70	Sapling	1	3						
	Black Ash	5	Sapling	1							
	Black Spruce	3	Sapling	1							
	Balsam Fir	10	Sapling	1							
	Beech	1	Sapling	1							
	Yellow Birch Hemlock	5	Sapling	16							
Nor	rthern White Cedar	1	Log Log/Pole	10							
18	6119 - Mixed Lo			Sapling	Well	8.8	6	Immature	N/A		Cut in 2014 as part of Petrel 187 Mix 410361201. Regeneration is
10		prest	iduodo (Japinig	WCII	0.0	O	mmature	IV/A		looking very good.
	Canopy Species	% Cover	Size Class	DBH	Age						
	Red Maple	20	Sapling	1							
	Yellow Birch	10	Sapling	1							
	Balsam Fir	10	Sapling	1							
	White Spruce	3	Sapling	1							
Nor	rthern White Cedar	1	Sapling	1							
	Black Ash	56	Sapling	1	6						



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
20	4110 - Sugar M	laple Assoc	ciation	Sawtimb	er Well	65.6	87	81-110	N/A		Units 1 and 2 of Star 187 Contract. TS: 41-015-12-01
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Sugar Maple	95	Log/Pole	13	87	Sug	jar Maple	High	Variable	Sapling	
	Black Cherry	2	Log	13		Yel	low Birch	Low	Variable	Sapling	
	Hemlock	3	Log	14		I	Beech	Low	Variable	Sapling	
						Ire	onwood	Low	Variable	Sapling	
21	6120 - Lov	vland Ceda	ar	Sawtimb	er Well	111.6	126	171-200	N/A		Cedar stand - part of Petrel Deeryard.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Paper Birch	5	Pole/Log	9		Ва	lsam Fir	Low	Variable	Sapling	
	Black Spruce	5	Pole	8		BI	ack Ash	Low	Variable	Sapling	
No	rthern White Cedar	77	Log/Pole	12	126	Re	d Maple	Low	Variable	Sapling	
	Black Ash	5	Pole/Sapling	g 6					I		
	Red Maple	5	Pole/Log	9							
	White Pine	3	Log/XLog	16							
22		ciation		Sawtimb		16.3	87	81-110	N/A	0'	Unit 3 of 187 Contract. TS: 41-015-12-01. Cut in 2017. Good mix diameter distribution.
	Canopy Species Sugar Maple	% Cover	Size Class Log/Pole	11	Age 87		nopy Species Isam Fir	Density Low	Avg. Height 5 - 10 feet	Size	
	Red Maple	23	Log/Pole	11	07		d Maple	Medium	Variable	Sapling Sapling	
	Yellow Birch	5	Pole	7			ar Maple	Medium	Variable	Sapling	
	Hemlock	2	Log	14			te Spruce	Low	5 - 10 feet	Sapling	
	White Spruce	2	Pole	9			Beech	Low	5 - 10 feet	Sapling	
	Write Spruce	2	rule	9			Deech	LOW	3 - 10 leet	Sapility	
23	6117 - Lowland I Coni	Deciduous, ferous	, Mixed	Poletimb	er Well	6.0	75	81-110	N/A		Two aged healthy stand. Good amount of birch regeneration.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	35	Pole/Log/Sa		75	Yel	low Birch	Medium	>20 feet	Sapling	
	Yellow Birch	15	Pole/Log/Sa	p 9		Ва	lsam Fir	Low	Variable	Sapling	
	Balsam Fir	5	Pole	8		Re	d Maple	Medium	>20 feet	Sapling	
	Paper Birch	25	Pole/Sapling	g 7		Pa	per Birch	Medium	>20 feet	Sapling	
	White Spruce	10	Pole	9							
No		10 5	Pole Pole/Log	9							



Stand	Level 4 Co	over Type	S	Size De	nsity	Acres Stand	d Age B	A Range	Managed S	Site	General Comments
24	6120 - Lov	wland Ceda	ır Pole	etimber	Medium	n 83.3 9	5	51-80	N/A		Wet stand with blowdown areas that has created a 2 aged stand with
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy	Species	Density	Avg. Height	Size	cedar regeneration.
	Red Maple	7	Log/Pole	10		Balsam F	-ir	Low	Variable	Sapling	
	Paper Birch	3	Pole/Sapling	7		Black Spru	uce	Low	>20 feet	Sapling	
	Balsam Fir	3	Pole/Sapling	6		Black As	sh	Medium	10 - 20 feet	Sapling	
	Black Spruce	5	Pole/Sapling	7		Tag Alde	er	Medium	Variable	Tall Shrub	
Noi	thern White Cedar	70	Log/Pole	12	95	Northern White	e Cedar	Medium	>20 feet	Sapling	
	Tamarack	2	Pole	9		Paper Bir	ch	Low	>20 feet	Sapling	
	Black Ash	10	Pole/Sapling	5		Red Map	le	Low	>20 feet	Sapling	
25	6224 - 1	Γreed Bog		Nonsto	cked	4.8	Ur	nspecified	No		
						Sub-Canopy	Species	Density	Avg. Height	Size	
						Black Spru	uce	Low		Pole	
						Black As	sh	Low		Sapling	
						Northern White	e Cedar	Low		Pole	
26	6117 - Lowland I Coni	Deciduous, iferous	Mixed S	awtimb	er Well	54.2 8	6	81-110	N/A		There's a few veins of wet ground and small diameter black ash on the west side of the road. White spruce is big and tall. Yellow birch saplings
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy	Species	Density	Avg. Height	Size	are in the low to medium range. More of the hemlock is in the northern part of the stand.
	Sugar Maple	8	Pole	9		Balsam F	Fir	Low	5 - 10 feet	Sapling	part of the stand.
	Red Maple	40	Log/Pole	10	86	Black As	sh	Low	>20 feet	Sapling	
	Yellow Birch	5	Pole/Log	8		Yellow Bir	rch	Low	>20 feet	Sapling	
	Paper Birch	1	Pole	8		Red Map	ole	Low	Variable	Sapling	
	Balsam Fir	3	Pole	7		Sugar Ma	ple	Low	Variable	Sapling	
	White Spruce	20	Log/Pole	16		Hemloc	k	Trace	5 - 10 feet	Sapling	
Noi	thern White Cedar	5	Pole/Log	9							
	Hemlock	5	Log/Pole	16							
	Black Ash	10	Pole	6							
	White Pine	1	XLog/Log	18							
	Beech	1	Pole	7							
27	6120 - Lov	wland Ceda	ır S	awtimb	er Well	101.4 12	28 <i>-</i>	171-200	N/A		Part of the Petrel Deeryard.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy	Species	Density	Avg. Height	Size	
	Paper Birch	15	Pole/Log	9		Balsam F	Fir	Low	5 - 10 feet	Sapling	
	Black Spruce	15	Pole	9		Black As	sh	Low	Variable	Sapling	
Noi	thern White Cedar	60	Log/Pole	11	128	Red Map	ole	Trace	5 - 10 feet	Sapling	
	Hemlock	3	Log	14				· · · · · · · · · · · · · · · · · · ·			
	Tamarack	2	Pole	8							
	Red Maple	5	Pole/Log	9							

Report 7 - Stands



Stanc	d Level 4 C	over Type	<u> </u>	Size Der	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
28	4112 - Maple, Asso	, Beech, Cl ociation	herry S	awtimbe	er Well	92.5	90	111-140	N/A		Good looking stand with a lot of advanced sapling regeneration that's ready to be released. Yellow birch saplings are evenly distributed
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	throughout the stand.
	Sugar Maple	75	Log/Pole/XLog	13	90	Sug	ar Maple	High	>20 feet	Sapling	
	Red Maple	20	Log/Pole/XLog	13		Yell	ow Birch	Medium	Variable	Sapling	
	Basswood	2	Log/Pole	12		Blad	k Cherry	Low	5 - 10 feet	Sapling	
	Hemlock	2	Log	16		Ва	lsam Fir	Trace	Variable	Sapling	
29	4112 - Maple, Asso	, Beech, Cl ociation	herry S	awtimbe	r Well	23.9	86	81-110	N/A		Western star 41-005-12-01 TCR: 4/26/17
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Sugar Maple	50	Log/Pole	11	86	Ва	Isam Fir	Low	5 - 10 feet	Sapling	
	Red Maple	36	Log/Pole	12		Re	d Maple	High	5 - 10 feet	Sapling	
	Yellow Birch	5	Log/Pole	12		Sug	ar Maple	Medium	5 - 10 feet	Sapling	
	Balsam Fir	3	Pole	6		E	Beech	Low	5 - 10 feet	Sapling	
	White Spruce	2	Pole	6		Yell	ow Birch	Low	5 - 10 feet	Sapling	
	Black Ash	2	Pole	6							
	Black Cherry	2	Pole/Log	9							
30	6119 - Mixed Lo	orest	Size Class	Sapling DBH		6.4	43	1-50 Density	N/A Avg. Height	Size	Strip cuts - dense regeneration. Cut in winter of 76/77.
	Balsam Fir	5	Sapling/Pole	4	Age		Isam Fir	Low	5 - 10 feet	Sapling	
	Red Maple	20	Sapling/Pole	4			White Cedar	Trace	5 - 10 feet	Sapling	
	Yellow Birch	5	Sapling/Pole	4		HOLLIOIT	Willie Ocaal	11400	0 101001	Oupling	
	Paper Birch	50	Sapling/Pole	4	43						
	Black Ash	20	Sapling/Pole	4	10						
31	6120 - Lo	wland Ceda	ar S	awtimbe	r Well	4.1	133	201+	N/A		Adjacent stands were strip cut 43 years ago. Regeneration is doing goo
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	there but not much cedar regeneration.
	Yellow Birch	1	Log	14		Ва	lsam Fir	Low	Variable	Sapling	
	Paper Birch	20	Pole	8		Bla	ack Ash	Low	10 - 20 feet	Sapling	
			Pole/Log	40					1		-
	Balsam Fir	2	i ole/Log	10							
No	Balsam Fir orthern White Cedar	65	Log/Pole	13	133						
No					133						
No	orthern White Cedar	65	Log/Pole	13	133						
No	orthern White Cedar Hemlock	65 1	Log/Pole Log	13 14	133						



Stand	Level 4 Co	over Type	S	ize De	nsity	Acres Stan	d Age BA F	Range	Managed S	ite	General Comments
33	6117 - Lowland [Coni	Deciduous, ferous	Mixed S	Sapling	Well	10.5	6 Imm	nature	N/A		Cut in 2014 as part of Petrel 187 mix 410361201. Good regeneration. Scattered mature cedar and hemlock left.
	Canopy Species	% Cover	Size Class	DBH	Age						
	Red Maple	45	Sapling	1	6						
	Yellow Birch	15	Sapling	1							
	Paper Birch	10	Sapling	1							
	Balsam Fir	12	Sapling	1							
	White Spruce	5	Sapling	1							
No	rthern White Cedar	1	Sapling	1							
	Black Ash	8	Sapling	1							
	Hemlock	2	Log	14							
No	rthern White Cedar	2	Log	11							
34	6131 - Hemlock, \ Bi	White Pine	, Maple, Sa	wtimbe	er Well	4.8 8	6 111	1-140	N/A		Stand dominated by red maple and hemlock.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy	Species [Density	Avg. Height	Size	
	Red Maple	42	Pole/Log	9	86	Balsam	Fir	High	Variable	Sapling	
	Yellow Birch	8	Log/XLog/Pole	16		White Spr	uce	Low	>20 feet	Sapling	
	Balsam Fir	5	Pole	6		Hemloo	k	Medium	5 - 10 feet	Sapling	
	White Spruce	5	Pole	8		Red Mar	ole	Low	Variable	Sapling	
	Hemlock	35	Log/XLog/Pole	16	128	Black As	sh	Low	10 - 20 feet	Sapling	
	Paper Birch	2	Pole	9		Black Spr	uce	Trace	>20 feet	Sapling	
No	rthern White Cedar	1	Pole	9		White Pi	ne	Trace	5 - 10 feet	Sapling	
	White Pine	1	Log/XLog	16		Yellow Bi	rch	Trace	>20 feet	Sapling	
	Black Ash	1	Pole	5							-
35	4112 - Maple, Asso	Beech, Ch	erry Saw	timber	Medium	10.9 8	5 51	1-80	N/A		Thinned and sale closed in 2007. BA varies some and averages 76. Regeneration looks good and there is a good amount of yellow birch
	Canopy Species	% Cover	Sizo Class			Sub-Canopy	Species [Density	Avg. Height	Size	regen. There's a thin strip of black ash and yellow birch pole/saplings
	Carlopy Species	,0 00.0 .	Size Class	DBH	Age	Sub-Carlopy	-		3 . 3 .		that runs northeast through the middle of the stand. This is the lowest
	Sugar Maple	32	Pole/Log	DBH	Age	Beech	-	Medium	5 - 10 feet	Sapling	that runs northeast through the middle of the stand. This is the lowest part of the stand.
					Age 85		•				
	Sugar Maple	32	Pole/Log	9		Beech	Fir	Medium	5 - 10 feet	Sapling	
	Sugar Maple Red Maple	32 49	Pole/Log Log/Pole/XLog	9 10		Beech Balsam	Fir ble	Medium Medium	5 - 10 feet Variable	Sapling Sapling	
	Sugar Maple Red Maple Yellow Birch	32 49 5	Pole/Log Log/Pole/XLog Pole/Sap/Log	9 10 6		Beech Balsam Red Map	Fir ble	Medium Medium Medium	5 - 10 feet Variable 10 - 20 feet	Sapling Sapling Sapling	
	Sugar Maple Red Maple Yellow Birch Black Ash	32 49 5 8	Pole/Log Log/Pole/XLog Pole/Sap/Log Pole/Sapling	9 10 6 6		Beech Balsam Red Map Yellow Bi	Fir ble characteristics	Medium Medium Medium Medium	5 - 10 feet Variable 10 - 20 feet Variable	Sapling Sapling Sapling Sapling	

- Stands

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Compartment: 187

Year of Entry: 2022

Stand **Level 4 Cover Type** Size Density Acres Stand Age BA Range **Managed Site General Comments** 6131 - Hemlock, White Pine, Maple, Sawtimber Well 5.0 128 81-110 N/A Cut in 2014 as part of Petrel 187 Mix 410361201. Regeneration looks 36 Birch good. DBH Age Avg. Height **Canopy Species** % Cover Size Class **Sub-Canopy Species** Density Size Hemlock 45 Log/XLog 16 128 Red Maple Medium 5 - 10 feet Sapling 25 9 5 - 10 feet Sapling Yellow Birch Pole/Log Yellow Birch Medium Red Maple 25 Pole 8 Balsam Fir Variable Medium Sapling Northern White Cedar 5 Pole/Log 9 37 4110 - Sugar Maple Association Sawtimber Well 31.5 85 81-110 N/A Select cut in 2007. Basal area currently averages 98. Full sugar maple sapling regeneration. Size **Canopy Species** % Cover Size Class **DBH Age Sub-Canopy Species** Density Avg. Height 96 14 85 Full 10 - 20 feet Sugar Maple Log/Pole Sugar Maple Sapling 2 14 Yellow Birch Ironwood 10 - 20 feet Sapling Loa Low 2 Basswood Log 14 White Spruce Trace 5 - 10 feet Sapling Balsam Fir 5 - 10 feet Trace Sapling 6115 - Lowland Ash Sapling Poor 27.6 53 1-50 Low site indices and low overall productivity - no commercial potential. 38 N/A % Cover Size Class **DBH Age** Size **Canopy Species Sub-Canopy Species** Density Avg. Height Red Maple 5 Sapling 3 Tag Alder Full 5 - 10 feet Tall Shrub 2 Balsam Fir 5 Sapling Black Spruce 5 Pole/Sapling 5 5 Northern White Cedar 10 Pole/Sapling Black Ash 70 Sapling/Pole 3 53 3 Yellow Birch 5 Sapling 39 6224 - Treed Bog Nonstocked 11.6 Unspecified No **Sub-Canopy Species** Density Avg. Height Size Pole Northern White Cedar Low Black Spruce Low Pole Black Ash Low Sapling 4112 - Maple, Beech, Cherry Sawtimber Medium 31.0 90 51-80 N/A Select cut in 2014 as part of Petrel 187 Mix 410361201. Good mixed 40 Association thick regeneration. Size Class **DBH Age Canopy Species** % Cover **Sub-Canopy Species** Density Avg. Height Size 65 Log/Pole 13 90 Sapling Sugar Maple Balsam Fir Low Variable Red Maple 20 Log/Pole 10 Sugar Maple High 10 - 20 feet Sapling 10 - 20 feet Yellow Birch 3 14 Red Maple Sapling Log Medium Hemlock 10 12 Black Cherry 5 - 10 feet Log Low Sapling

10 - 20 feet

Sapling

Low

Black Cherry

2

14

Ironwood

Loa

t 7 – Stands Compartment: 187 Year of Entry: 2022

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Stand	Level 4 C	over Type	:	Size De	nsity	Acres	Stand Age B	BA Range	Managed S	Site	General Comments
41	6112 - Lo	wland Aspe	en	Sapling	ı Well	11.0	38	1-50	N/A		Southeastern 1/3 of stand has better ground and the aspen is pole sized
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	of 5-8" DBH. The rest of the stand is wet ground and growing slower and still mostly sapling sized.
	Paper Birch	30	Sapling	3		Bal	sam Fir	Medium	5 - 10 feet	Sapling	our moody caping oizod.
	Quaking Aspen	65	Sapling/Pole	4	38	Whit	e Spruce	Medium	5 - 10 feet	Sapling	
	Balsam Fir	2	Sapling/Pole	3		Bla	ick Ash	Medium	5 - 10 feet	Sapling	
	White Spruce	3	Sapling	3		Та	g Alder	Medium	5 - 10 feet	Tall Shrub	
42	6119 - Mixed Lo	owland Dec orest	ciduous	Sapling	Well	33.9	6	Immature	N/A		Cut in 2014 as part of Petrel 187 Mix 410361201. Hemlock and cedar were left uncut, less than 10 BA.
	Canopy Species	% Cover	Size Class	DBH	Age						
	Red Maple	55	Sapling	1	6						
	Balsam Fir	10	Sapling	1							
	Yellow Birch	10	Sapling	1							
	Black Cherry	10	Sapling	1							
	White Pine	2	Sapling	1							
	Black Ash	5	Sapling	1							
	Beech	3	Sapling	1							
	Hemlock	3	Log	14							
No	rthern White Cedar	2	Log	10							
43	6115 - Lo	owland Ash	n Pol	letimber	Medium	n 4.7	61	51-80	N/A		Black ash stand with some red maple in the far west end.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Red Maple	15	Pole	8		Yell	ow Birch	Low	Variable	Sapling	
	Yellow Birch	5	Pole	8		Bal	sam Fir	Medium	Variable	Sapling	
	White Spruce	3	Pole/Log	9		Whit	e Spruce	Low	Variable	Sapling	
No	rthern White Cedar	3	Pole	9		He	emlock	Trace	5 - 10 feet	Sapling	
	Hemlock	1	Log	14		Bla	ick Ash	Medium	>20 feet	Sapling	
	Black Ash	70	Pole/Sapling	7	61						
	Balsam Fir	3	Pole	6							
44	4110 - Sugar N	//aple Asso	ciation S	Sawtimb	er Well	22.5	90	81-110	N/A		Last thinned in 2000 as part of Petrel Star Hardwood 410259601. Was thinned heavy and not ready for another thinning yet but thick maple
	Canopy Species	% Cover	Size Class		Age	Sub-Car	nopy Species	Density	Avg. Height	Size	sapling regeneration.
	Sugar Maple	90	Log/Pole/XLog	g 14	90	Sug	ar Maple	Full	10 - 20 feet	Sapling	
	Black Cherry	2	Log	13		Yell	ow Birch	Medium	10 - 20 feet	Sapling	
	Hemlock	3	Log/XLog	14		Blac	k Cherry	Low	10 - 20 feet	Sapling	
	White Pine	2	Log/XLog	16		Wh	ite Pine	Trace	5 - 10 feet	Sapling	
	D	_									=

Yellow Birch

3

Log

14



Stand	Level 4 Co	over Type	s	ize De	ensity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
45	4110 - Sugar M	laple Asso	ciation Sa	awtimb	er Well	143.2	85	81-110	N/A		Star 187 Contract units 4-8. TS: 41-015-12-01. Thinned in 2017. Southwestern part of stand contains some red maple and hemlock.
(Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Southwestern part of stand contains some red maple and hermock.
	Sugar Maple	84	Log/Pole/XLog	14	85	Sug	ar Maple	High	Variable	Sapling	
	Basswood	3	Log/XLog	16		Iro	onwood	Low	Variable	Sapling	
	Yellow Birch	1	Log	14		Ва	lsam Fir	Trace	5 - 10 feet	Sapling	
,	White Spruce	1	Log	12							_
	Red Maple	10	Log/Pole	13							
	Hemlock	1	Log	16							
46	6113 - Lov	wland Map	le Po	oletimb	er Well	11.0	76	81-110	N/A		Small tributary stream runs through the stand to Star Creek.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	55	Pole/Log	8	76	Ва	lsam Fir	Medium	5 - 10 feet	Sapling	
Nort	hern White Cedar	3	Pole/Log	9		Н	emlock	Trace	5 - 10 feet	Sapling	
	Black Ash	7	Pole	6		Sug	ar Maple	Low	Variable	Sapling	
	Yellow Birch	10	Pole/Log	8		Re	d Maple	Low	Variable	Sapling	
	Hemlock	5	Log/XLog	16							_
	Balsam Fir	5	Pole	7							
	Sugar Maple	10	Pole	8							
,	White Spruce	5	Pole/Log	9							
47	6120 - Lov	wland Ced	ar Sa	awtimb	er Well	5.6	117	201+	N/A		Very dense cedar.
(Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Black Spruce	5	Log/Pole	10		Ва	lsam Fir	Trace	5 - 10 feet	Sapling	
Nort	hern White Cedar	95	Log/Pole	11	117	Н	emlock	Trace	5 - 10 feet	Sapling	
48	6119 - Mixed Lo Fo	wland Dec prest	iduous Sa	awtimb	er Well	13.8	88	111-140	N/A		E type stand with a lot of smaller black ash. Healthy stand.
(Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	32	Log/Pole	11	88	Yell	ow Birch	Medium	>20 feet	Sapling	
	Yellow Birch	20	Pole/Log	9		Ва	lsam Fir	Medium	Variable	Sapling	
	Balsam Fir	2	Pole	8		Whi	te Spruce	Trace	5 - 10 feet	Sapling	
,	White Spruce	8	Pole/Log	9		Bla	ack Ash	Medium	>20 feet	Pole	
Nort	hern White Cedar	3	Log	11		Н	emlock	Trace	5 - 10 feet	Sapling	
	Hemlock	5	Log/XLog	14		Re	d Maple	Low	10 - 20 feet	Sapling	
	Black Ash	23	Pole/Sapling	7		Iro	onwood	Trace	>20 feet	Sapling	
	Sugar Maple	5	Log/Pole	12				1			-
	Ironwood	1	Pole	6							
	Beech	1	Log/Pole	10							

Report 7 - Stands



Stand	Level 4 Co	over Type	5	Size De	ensity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
49	6113 - Lov	vland Maple	e P	oletimb	er Well	6.6	86	81-110	N/A		Mostly pole sized maple. The hemlock, yellow birch, and white pine are
С	anopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	mainly log sized. Healthy stand with some hemlock regeneration.
	Red Maple	60	Pole/Log	8	86	Ва	lsam Fir	Medium	Variable	Sapling	
,	Yellow Birch	5	Log	14		Bla	ack Ash	Trace	5 - 10 feet	Sapling	
	Balsam Fir	1	Pole	6		Н	emlock	Low	5 - 10 feet	Sapling	
North	ern White Cedar	8	Pole/Log	9	133						-
	White Pine	5	Log/XLog	16							
	Hemlock	15	Log/XLog	16							
	Black Ash	3	Pole	5							
V	Vhite Spruce	3	Log	14							
50	6220 - Al	lder/willow		Nonst	ocked	2.3	U	nspecified	No		
51	710 - S	and, Soil		Nonst	ocked	2.8	U	nspecified	No		Borrow pit alongside the Petrel Rd. with scattered (mostly sub-
						Sub-Ca	nopy Species	Density	Avg. Height	Size	merchantable) trees.
										0 "	
						Bals	am Poplar	Trace		Sapling	
							am Poplar ı White Cedar	Trace		Sapling	
						Northerr	<u>'</u>				
52	6119 - Mixed Lov	wland Deci	duous P	oletimb	per Well	Northerr Whi	White Cedar	Trace	N/A	Seeding	Similar to stand 26 to the north but there's less white spruce and the white spruce is smaller. There is much more black ash mainly in the eas
	Fo	rest	duous P			Northerr Whi 18.4	te Spruce	Trace Trace		Seeding	white spruce is smaller. There is much more black ash mainly in the early half of the stand where the maple really thins out. There's more maple in
C		rest			per Well	Northerr Whi 18.4 Sub-Ca	White Cedar te Spruce	Trace Trace 81-110	N/A Avg. Height Variable	Seeding Seeding	white spruce is smaller. There is much more black ash mainly in the ear half of the stand where the maple really thins out. There's more maple in the west half of the stand. Two shallow streams flow out of the cedar
C	Fo anopy Species	rest % Cover	Size Class	DBH		Northerr Whi 18.4 Sub-Ca	te Spruce 86	Trace Trace 81-110 Density	Avg. Height	Seeding Seeding	white spruce is smaller. There is much more black ash mainly in the ea $_{\!$
C	Fo anopy Species Sugar Maple	% Cover	Size Class Pole	DB H	l Age	Northerr Whi 18.4 Sub-Ca Ba Bl:	White Cedar te Spruce 86 nopy Species Isam Fir	Trace Trace 81-110 Density Medium	Avg. Height Variable	Seeding Seeding Size Sapling	white spruce is smaller. There is much more black ash mainly in the ea half of the stand where the maple really thins out. There's more maple i the west half of the stand. Two shallow streams flow out of the cedar
C	Fo anopy Species Sugar Maple Red Maple	% Cover 4 35	Size Class Pole Pole/Log	DBH 8 9	l Age	Northerr Whi 18.4 Sub-Ca Ba Bl: Yel	White Cedar te Spruce 86 nopy Species Isam Fir	Trace Trace 81-110 Density Medium Medium	Avg. Height Variable >20 feet	Seeding Seeding Size Sapling Sapling	white spruce is smaller. There is much more black ash mainly in the ea half of the stand where the maple really thins out. There's more maple i the west half of the stand. Two shallow streams flow out of the cedar
C	Fo Fanopy Species Sugar Maple Red Maple Yellow Birch	## Cover 4 35 12	Size Class Pole Pole/Log Pole/Log	DBH 8 9 9	l Age	Northerr Whi 18.4 Sub-Ca Ba Bla Yel Re	86 nopy Species Isam Fir ack Ash ow Birch	Trace Trace 81-110 Density Medium Medium Low	Avg. Height Variable >20 feet >20 feet	Seeding Seeding Size Sapling Sapling Sapling	white spruce is smaller. There is much more black ash mainly in the ea half of the stand where the maple really thins out. There's more maple i the west half of the stand. Two shallow streams flow out of the cedar
C	Fo Fanopy Species Sugar Maple Red Maple Yellow Birch Paper Birch	**Cover 4 35 12 3	Size Class Pole Pole/Log Pole/Log Pole/Log	DBH 8 9 9	l Age	Northerr Whi 18.4 Sub-Ca Ba Bla Yel Re	white Cedar te Spruce 86 nopy Species Isam Fir ack Ash ow Birch d Maple	Trace Trace 81-110 Density Medium Medium Low Low	Avg. Height Variable >20 feet >20 feet >20 feet	Seeding Seeding Size Sapling Sapling Sapling Sapling	white spruce is smaller. There is much more black ash mainly in the ea half of the stand where the maple really thins out. There's more maple i the west half of the stand. Two shallow streams flow out of the cedar
C S	Fo Fanopy Species Sugar Maple Red Maple Yellow Birch Paper Birch Balsam Fir	% Cover 4 35 12 3 2	Size Class Pole Pole/Log Pole/Log Pole/Log Pole/Log	DBH 8 9 9 7	l Age	Northerr Whi 18.4 Sub-Ca Ba Bla Yel Re	white Cedar te Spruce 86 nopy Species Isam Fir ack Ash ow Birch d Maple	Trace Trace 81-110 Density Medium Medium Low Low	Avg. Height Variable >20 feet >20 feet >20 feet	Seeding Seeding Size Sapling Sapling Sapling Sapling	white spruce is smaller. There is much more black ash mainly in the ea half of the stand where the maple really thins out. There's more maple i the west half of the stand. Two shallow streams flow out of the cedar
C S	For sanopy Species Gugar Maple Red Maple Yellow Birch Paper Birch Balsam Fir	% Cover 4 35 12 3 2 5	Pole Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole	DBH 8 9 9 9 7 9	l Age	Northerr Whi 18.4 Sub-Ca Ba Bla Yel Re	white Cedar te Spruce 86 nopy Species Isam Fir ack Ash ow Birch d Maple	Trace Trace 81-110 Density Medium Medium Low Low	Avg. Height Variable >20 feet >20 feet >20 feet	Seeding Seeding Size Sapling Sapling Sapling Sapling	white spruce is smaller. There is much more black ash mainly in the ear half of the stand where the maple really thins out. There's more maple in the west half of the stand. Two shallow streams flow out of the cedar
C S	For anopy Species Gugar Maple Red Maple Yellow Birch Paper Birch Balsam Fir White Spruce Item White Cedar	% Cover 4 35 12 3 2 5 2	Pole Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log	DBH 8 9 9 7 9 9	l Age	Northerr Whi 18.4 Sub-Ca Ba Bla Yel Re	white Cedar te Spruce 86 nopy Species Isam Fir ack Ash ow Birch d Maple	Trace Trace 81-110 Density Medium Medium Low Low	Avg. Height Variable >20 feet >20 feet >20 feet	Seeding Seeding Size Sapling Sapling Sapling Sapling	white spruce is smaller. There is much more black ash mainly in the ear half of the stand where the maple really thins out. There's more maple in the west half of the stand. Two shallow streams flow out of the cedar
V North	Formanopy Species Sugar Maple Red Maple Yellow Birch Paper Birch Balsam Fir White Spruce Item White Cedar Hemlock	% Cover 4 35 12 3 2 5 2 3	Pole Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole Log	9 9 7 9 9 16	l Age	Northerr Whi 18.4 Sub-Ca Ba Bla Yel Re	white Cedar te Spruce 86 nopy Species Isam Fir ack Ash ow Birch d Maple	Trace Trace 81-110 Density Medium Medium Low Low	Avg. Height Variable >20 feet >20 feet >20 feet	Seeding Seeding Size Sapling Sapling Sapling Sapling	white spruce is smaller. There is much more black ash mainly in the ear half of the stand where the maple really thins out. There's more maple the west half of the stand. Two shallow streams flow out of the cedar
V	For anopy Species Sugar Maple Red Maple Yellow Birch Paper Birch Balsam Fir White Spruce Item White Cedar Hemlock Black Ash	% Cover 4 35 12 3 2 5 2 3 3 30	Size Class Pole Pole/Log Pole/Log Pole/Log Pole Pole Pole Pole/Log Pole Pole/Log	9 9 7 9 9 16 6	l Age	Northerr Whi 18.4 Sub-Ca Ba Bla Yel Re	white Cedar te Spruce 86 nopy Species Isam Fir ack Ash ow Birch d Maple	Trace Trace 81-110 Density Medium Medium Low Low	Avg. Height Variable >20 feet >20 feet >20 feet	Seeding Seeding Size Sapling Sapling Sapling Sapling	white spruce is smaller. There is much more black ash mainly in the ear half of the stand where the maple really thins out. There's more maple in the west half of the stand. Two shallow streams flow out of the cedar