# DNR DNR

# **Compartment Review Presentation**

#### **Pigeon River Country Forest Management Unit**

Compartment 53017 Entry Year 2021 Acreage: 1,856

County Cheboygan

Management Area: Pigeon River Country

Revision Date: 2019-04-03

Stand Examiner: Richard McDonald

**Legal Description:** 

T33N R01W, Sections 23, 26, 35

#### **Identified Planning Goals:**

Maintain current species mix and apply appropriate management techniques to mature stands of timber that are in need of treatment.

## Soil and topography:

Terrain is flat to gently rolling with the uplands comprised of primarily well-drained Cheboygan-Blue Lakes associations.

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

Entirely state-owned lands.

### **Unique Natural Features:**

None identified.

## Archeological, Historical, and Cultural Features:

Remnants of the Richardson CCC Camp are located in stand 89.

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

None identified.

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

A portion of Cornwall Flooding lies within this compartment. This lake offers good Bass and Blue-gill fishing opportunities. Hemlock Lake has restricted trout fishing opportunities.

#### Wildlife Habitat Considerations:

Please refer to Wildlife Biologist's comments.

## Mineral Resource and Development Concerns and/or Restrictions

This compartment lies within the Consent Order Area and, as provided on page 33 of the Concept of Management, no new leases will be issued in this area.

#### **Vehicle Access:**

There is good access to most, if not all, of the compartment. Most of the forest roads, however, have been closed to wheeled motorized vehicles with virtually all those closures still intact.

#### **Survey Needs:**

None required.

## **Recreational Facilities and Opportunities:**

Elk viewing area is in stand 17, with the parking lot in stand 18. Inspiration Point and associated trail is in stand 96, with the parking area in stand 89. A small portion of the horse trail is in this compartment.

#### **Fire Protection:**

Access is generally good in case of any fire suppression efforts, though the area is generally at low risk to any wildfire potential.

### **Additional Compartment Information:**

The following reports from the Inventory are attached:

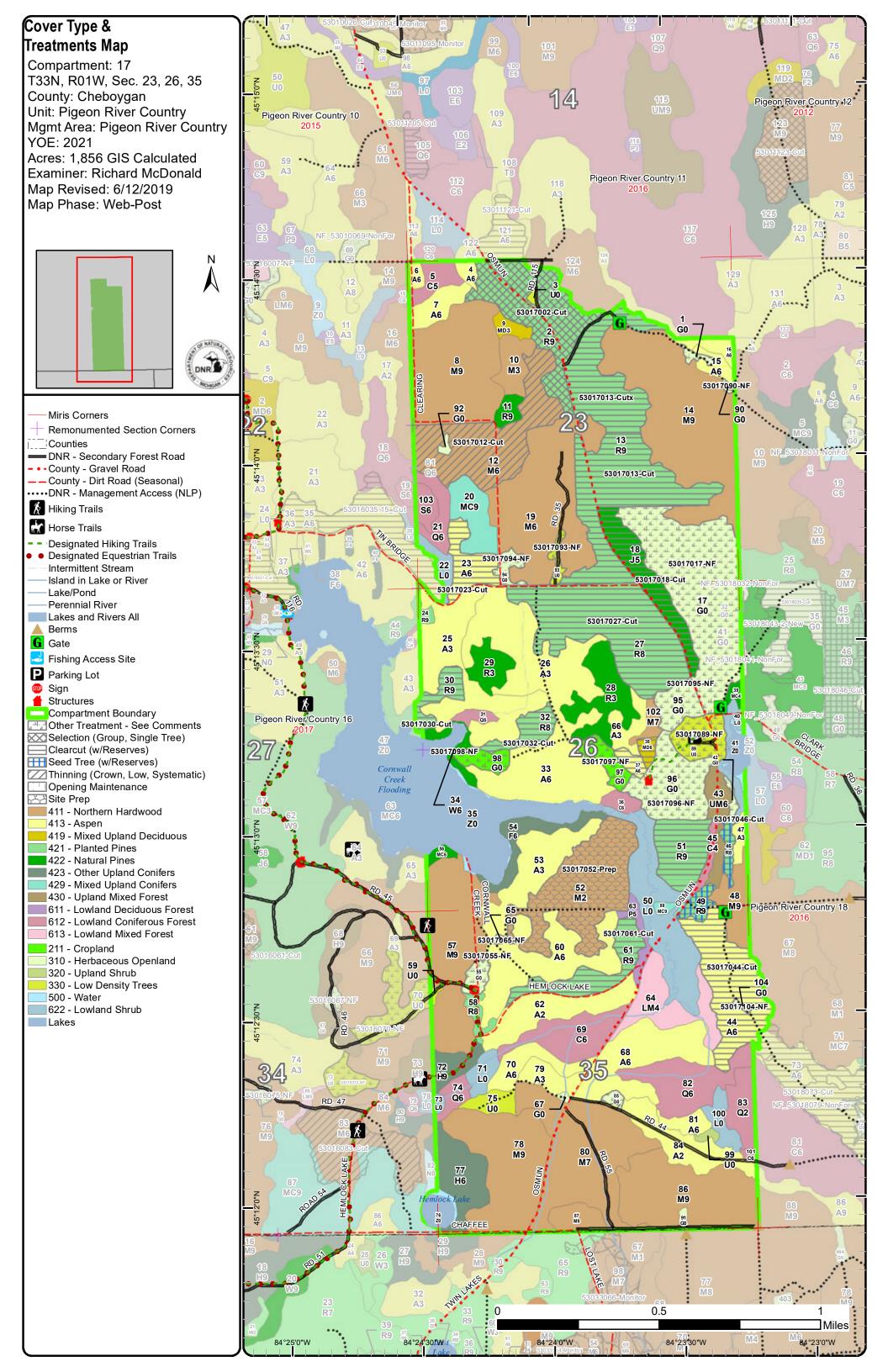
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

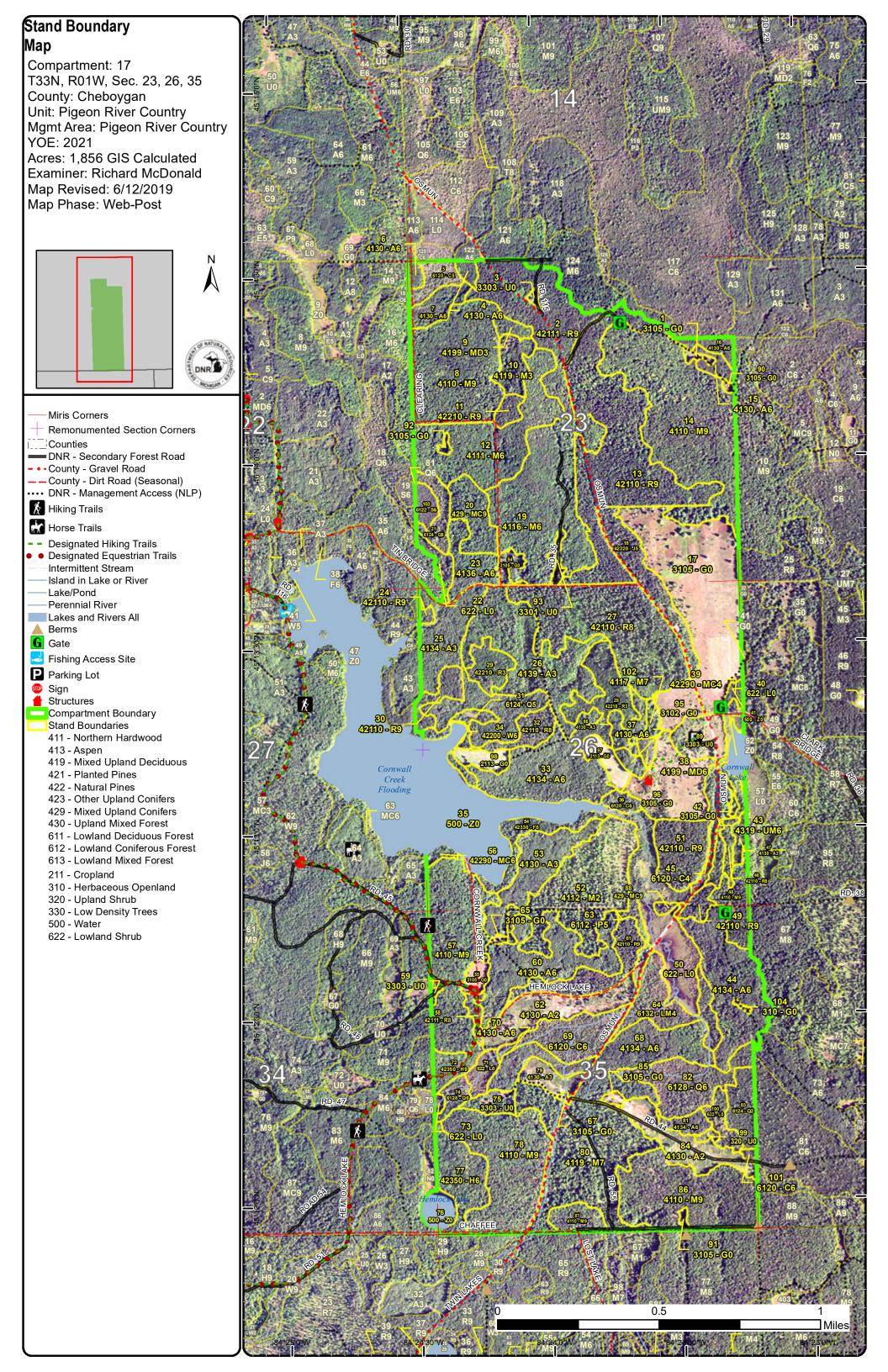
The following information is displayed, where pertinent, on the attached compartment maps:

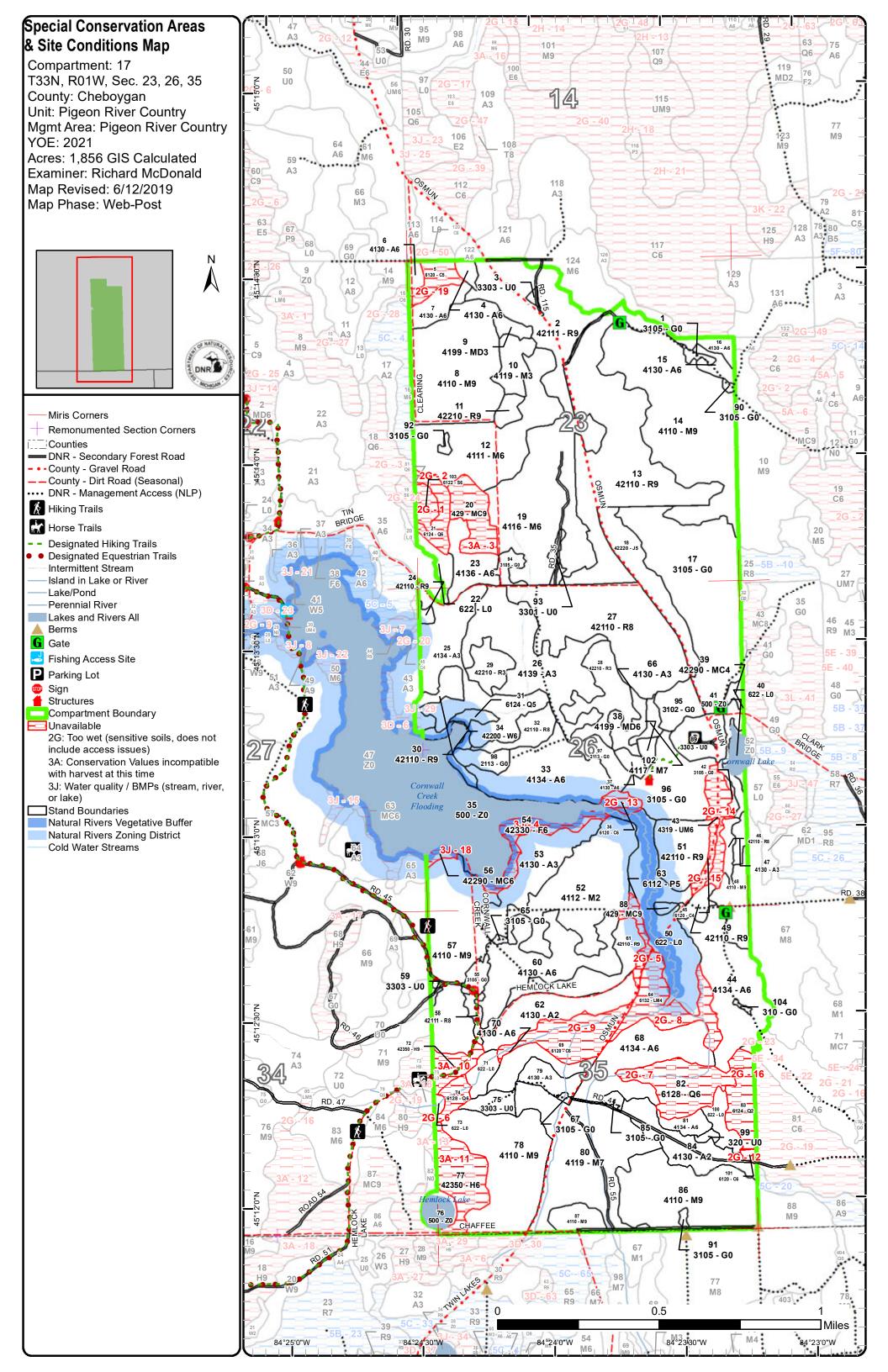
Base feature information, stand boundaries, cover types, and numbers

Proposed treatments
Site condition boundaries

Details on the road access system







Richard McDonald : Examiner

**Pigeon River Country Mgt. Unit** 

Compartment 17 Year of Entry 2021



## Age Class

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Aspen	0	54	30	61	149	93	21	0	0	0	0	0	0	0	0	0	0	/ <sup>3</sup>	408
Cedar	0	0	0	0	0	0	0	0	4	0	9	4	22	0	0	0	0	0	39
Cropland	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Hemlock	0	0	0	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	30
Herbaceous Openland	135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
Jack Pine	0	0	0	0	21	0	0	0	0	0	0	0	0	0	0	0	0	0	21
Low-Density Trees	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
Lowland Conifers	0	0	0	0	12	0	0	0	0	0	38	0	5	0	0	0	0	0	55
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	23
Lowland Shrub	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	5
Mixed Upland Deciduous	0	0	0	0	0	4	0	0	3	0	0	0	0	0	0	0	0	0	7
Natural Mixed Pines	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	4
Northern Hardwood	0	54	0	0	10	0	124	0	0	0	337	0	0	0	0	0	0	66	591
Red Pine	0	0	0	31	0	0	0	0	0	282	0	0	0	0	0	0	0	0	313
Upland Conifers	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	15	0	17
Upland Mixed Forest	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	10
Upland Shrub	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Upland Spruce/Fir	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	13
Water	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68
White Pine	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
Total	308	108	30	92	192	99	153	0	22	320	419	4	27	0	0	0	15	66	1854



# **Report 2 – Treatment Summary**

Pigeon River Country Mgt. Unit Year of Entry: 2021

### **Acres of Harvest**

Compartment 17
Total Compartment Acres: 1,856

Commercial Harvest - 407 Harvests with Site Condition - 0 Next Step Harvest - 147 Habitat Cut - 147

## **Cover Type by Harvest Method**

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		/(	# 15 C	TO T	10 10 10 10 10 10 10 10 10 10 10 10 10 1		DOM ON A	Children of the state of the st	Key Co.	85 / 85 / 85 / 85 / 85 / 85 / 85 / 85 /		
Aspen		59	0	0	0	0	0	0	0	0	59	
Jack Pine		21	0	0	0	0	0	0	0	0	21	
Mixed Upland Deciduous		3	0	0	0	0	0	0	0	0	3	
Northern Hardwood		0	0	0	0	0	51	0	0	0	51	
Red Pine		218	46	0	9	0	0	0	0	0	273	
	Total	301	46	0	9	0	51	0	0	0	407	

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

		/:		Q 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	o'illino /		or live of	O O O O	o inomo	Total Asia	4° / 3	
Current		407	54	0	0	0	0	0	0	161	622	
Next Step		147	125	166	0	0	0	248	0	0	686	
	Total	554	179	166	0	0	0	248	0	161	1308	

Pigeon River Country Mgt. Unit Report 3 -- Treatments Compartment: 17 s Year of Entry: 2021 t а **Treatment** Stand Size Stand BA **Treatment Treatment Cover Type** Acres Age **Approval** n Name CoverType Density Age Range Type Method Objective Structure **Status** d 1 53017001-NF 3105 - Mixed NonForestMgt 310 -1.6 Nonstocked Unspec Other - Specify Proposal **Upland Herbaceous** ified Herbaceous Openland **Habitat Cut: No Site Condition:** Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and/or soft mast. Specs: Next Step Treatments: <u>Acceptable</u> Regen: Other Comment: 10/1 /2020 **Proposed Start Date:** 42111 - Planted 45.9 Sawtimber 82 51-80 Single Tree 4319 - Mixed Proposal 53017002-Cut Harvest Uneven-Red Pine, Mixed Well Selection **Upland Forest** Aged Deciduous **Habitat Cut: No Site Condition:** Prescription A mix of CCC era Red Pine and mixed hardwood. Mark what Red Piine can be cut without doing any damage to residual trees and/or Specs: understory. Mark to thin any merchantable hardwood in the stand. Try to leave a residual of about 70 BA. Next Step Monitoring, Natural Regen (Re-Inventory) **Treatments:** Acceptable This stand should be allowed to convert to hardwood. A moderately stocked stand of mixed hardwood will be acceptable. Regen: Other Comment: **Proposed Start Date:** 10/1 /2020 4111 - S.Maple, 12 53017012-Cut Poletimber 58 81-110 Harvest Crown Thinning 411 - Northern Even-Aged Proposal Hard Mast Well Hardwood Association **Habitat Cut: No Site Condition:** Prescription Crown thinning with crop tree release. Make down to about 90 BA. Maintain a good representative species mix. Protect any cavity trees. Specs: Next Step **Treatments:** 

<u>Acceptable</u> Regen:

**Other** 

Comment:

**Proposed Start Date:** 

10/1 /2020

13 53017013-Cut 56.2 42110 - Planted Sawtimber 85 81-110 Clearcut with 4221 - Natural Even-Aged Proposal Red Pine Well Retention Red Pine

Harvest

**Habitat Cut: No** Site Condition:

Prescription Mark Red Pine in groups of 4-5 trees to act as residual seed trees throughout the stand. Leave 3-4 retention pockets around the perimeter of the Specs:

stand. No scattered individual seed trees.

SitePrep, Roller Chopping; Planting, Initial Plant Next Step

**Treatments:** 

Acceptable Red Pine with a mix of existing species meeting a full or moderate stocking level will be acceptable in determining regeneration success.

Regen:

Other Comment:



t a n d	Treatment Name	Acres	Stand CoverType	Size Size	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
13	53017013- Cutx	36.6	42110 - Planted Red Pine	Sawtimber Well	85	81-110	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Even-Aged	Proposal

**Habitat Cut: No Site Condition:** 

Prescription North half of stand 13 with clearcut prescription to be delayed 5 years from the south half of stand 13. It has a start date of 10/01/2026.

Specs:

s

Next Step Harvest, Clearcut

Treatments:

Acceptable An aspen and northern hardwood mix will be acceptable meeting a medium stocking level will be acceptable in determining regeneration success.

Regen:

Other Comment:

**Proposed Start Date:** 10/1 /2026

79.0 Unspec NonForestMgt 310 -Proposal 53017017-NF 3105 - Mixed Nonstocked Other - Specify Upland Herbaceous Herbaceous ified Openland

**Habitat Cut: No Site Condition:** 

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and/or soft mast.

Specs:

Next Step **Treatments:** 

Acceptable

Regen:

Other

Comment:

**Proposed Start Date:** 10/1 /2020

310 -18 53017018-Cut 21.1 42220 - Natural Poletimber 1-50 Harvest Clearcut Proposal Jack Pine Medium Herbaceous Openland

**Habitat Cut: No Site Condition:** 

Prescription Clear cut everything in the stand down to 1". Wildlife division will be spearheading and effort to spray any and all invasive species within the

stand prior to harvest activity. Specs:

Next Step Monitoring, Invasive Species

Treatments: ; Planting, Initial Plant; Harvest, Clearcut

<u>Acceptable</u> No regeneration will be encouraged.

Regen:

Other Incorporate into prescribed burn plan along with stand 17 to maintain as herbaceous openland.

Comment:

**Proposed Start Date:** 10/1 /2019

53017023-Cut 13.6 4136 - Aspen, 58 Poletimber 51-80 Harvest Clearcut 413 - Aspen Even-Aged Proposal

Mixed Conifer Well

**Habitat Cut: No Site Condition:** 

Prescription Clear cut with no island retention because of the small size of the stand. Any retention should be along the swamp edges. Combine with stands Specs:

37 and 38 when setting up the sale with the stipulation that stand 38 must be cut first.

Next Step Monitoring, Natural Regen (Re-Inventory)

**Treatments:** 

Acceptable Aspen is the objective, but Aspen with a mix of other existing species meeting a full or moderately stock stand will be acceptable in determining

Regen: regeneration success.

Other Comment:

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t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
27	53017027-Cut	69.0	42110 - Planted Red Pine	Sawtimber Medium	88	51-80	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Even-Aged	Proposal

Habitat Cut: No Site Condition:

Prescription | Initial treatment will be to spray/kill as much of the invasive species as possible. Then, cut all mature pine, as well as, cut all existing regenerating undergrowth. This may be accomplished either through the commercial cutting of the stand or non-commercially with the roller chopping method using our own equipment or with cooperation with Huron Pines.

Next Step SitePrep, Roller Chopping; Harvest, Clearcut; Planting, Initial Plant

Treatments:

Acceptable Any mix of aspen and northern hardwood meeting a moderate stocking level will be acceptable in determining regeneration success.

Regen:

Other Wildlife grant money may be available to assist with invasive species removal in this stand as well, such as Siberian Crab, Japanese Barberry

Comment: and Autumn Olive.

Proposed Start Date: 10/1 /2019

30 53017030-Cut 8.1 42110 - Planted Sawtimber 88 171- Harvest Clearcut 4221 - Natural Even-Aged Proposal Red Pine Well 200 Red Pine

Habitat Cut: No Site Condition:

Prescription Cut all trees down to 2 " dbh with no retention.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Red Pine with a mix of existing species meeting a full to moderate stocking level will be acceptable in determining regeneration success.

Regen:

Other Comment:

Proposed Start Date: 10/1 /2020

32 53017032-Cut 9.3 42110 - Planted Sawtimber 88 51-80 Harvest Clearcut with 4221 - Natural Even-Aged Proposal Red Pine Medium Retention Red Pine

Habitat Cut: No Site Condition:

Prescription Mark groups of 4-5 seed trees widely scattered throughout the stand in order to open up the stand. Encourage tree length skidding with limbs

Specs: attached during logging to help scarify the soil.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Red Pine with a mix of existing species meeting a full or moderate stocking level will be acceptable in determining regeneration success.

Regen:

Other .

Comment:

Proposed Start Date: 10/1 /2020

**37 53017037-Cut** 3.3 4130 - Aspen Poletimber 54 81-110 Harvest Clearcut 413 - Aspen Even-Aged Proposal

Well

Habitat Cut: No Site Condition:

Prescription Clear cut with no retention because of small stand size. Wildlife division will be spraying for invasive species here and in stand 38 prior to any

Specs: timber sale activity. Combine this stand with stand 38 and stand 23 into one sale with stipulations that stand 38 must be cut first.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen with full to moderate stocking levels will be acceptable in determining regeneration success.

Regen:

Other May be susceptible to browse damage with it's SW sidehill exposure.

Comment:

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t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
38	53017038-Cut	2.6	4199 - Other Mixed Upland Deciduous		72	51-80	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Even-Aged	Proposal

**Habitat Cut: No** 

Prescription Black Locust stand that was planted many years ago, but is of no value and is not indigenous to the area, so as part of the effort to lower the amount of non-native species in this area, we will clear cut this stand in hopes of getting some aspen with a mix of other species to take over this Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable I anticipate some aspen sprouting into the stand from the adjacent aspen cut and with a mix of other existing native species, a moderately

stocked stand would be considered a success. Regen:

**Site Condition:** 

Other Spraying for invasive species will be done prior to any cutting activity. This stand will be combined with stands 37 and 23 into one sale with the

stipulation that 38 must be cut first. Comment:

**Proposed Start Date:** 10/1 /2020

53017042-NF 1.3 3105 - Mixed Nonstocked Unspec NonForestMgt Other - Specify 310 -Proposal Upland Herbaceous Herbaceous ified Openland

**Habitat Cut: No Site Condition:** 

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and/or soft mast.

Specs:

Next Step

**Treatments:** 

Acceptable

Regen:

Other Comment:

10/1 /2020 **Proposed Start Date:** 

53017044-Cut 42.3 4134 - Aspen, Poletimber 47 81-110 Harvest Clearcut with 413 - Aspen Even-Aged Proposal Retention

Spruce/Fir Well

**Habitat Cut: No Site Condition:** 

Prescription Clear cut with 2-3 retention pockets scattered along the edges of the sale. Add grouse drumming log spec for this sale.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

**Treatments:** 

Acceptable Aspen or aspen with a mix of existing species meeting a full or moderately stocked stand will be acceptable in determining regeneration success.

Regen:

Other (

Comment:

**Proposed Start Date:** 10/1 /2020

4221 - Natural 53017046-Cut 42110 - Planted Seed Tree 3.9 Sawtimber 86 51-80 Harvest Even-Aged Proposal Red Pine

Red Pine Medium

**Habitat Cut:** No **Site Condition:** Prescription Seed tree cut leaving about 20 BA of residual Red Pine.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

**Treatments:** 

Acceptable Red Pine with a mix of existing species meeting a full to moderate stocking level will be acceptable in determining regeneration success.

Regen:

**Other** Comment:

Red Pine

Well

Red Pine

4319 - Mixed

Openland

Compartment: 17 Year of Entry: 2021

а **Treatment** Stand BA **Treatment Treatment Cover Type** Acres Stand Size Age **Approval** n Name CoverType Density Age Range Type Method Objective Structure **Status** d 53017049-Cut 42110 - Planted 49 4.6 Sawtimber 86 81-110 Harvest Seed Tree 4221 - Natural Even-Aged Proposal

**Habitat Cut: No** Site Condition:

Prescription Mark residual seed trees to about 20 BA. Leave a few more along the road for visual considerations. Try to scarify during logging operations as

much as possible. Specs:

Monitoring, Natural Regen (Re-Inventory) Next Step

**Treatments:** 

Acceptable Red Pine with a mix of other existing species meeting a full or moderate stocking level will be acceptable in determining regeneration success.

Regen:

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Other Comment:

**Proposed Start Date:** 10/1 /2020

53017051-Cut 20.1 42110 - Planted Sawtimber 87 81-110 Harvest Clearcut with 4221 - Natural Even-Aged Proposal Red Pine Well Red Pine Retention

**Habitat Cut: No** Site Condition:

Prescription Wildlife to spray invasive species prior to any stand treatment. Incorporate 2-3 retention pockets along the western edge of the stand. Whole

tree scarification of the site seems to work best in trying to get natural regeneration, so specify whole tree skidding to the landing site. Specs:

Next Step Monitoring, Invasive Species

; Harvest, Clearcut with Retention; Planting, Initial Plant Treatments:

4112 - Maple,

Acceptable Red Pine with a mix of existing species meeting a full or moderate stocking level will be acceptable in determining regeneration success.

1-50

7

Regen:

Other Comment:

**Proposed Start Date:** 10/1 /2019

53017052-

Sapling SitePrep Roller Chopping Even-Aged Proposal Medium Prep Beech, Cherry Upland Forest

Association

**Habitat Cut: No** Site Condition:

54.2

Prescription Set back existing hardwood and conifer regeneration using a roller chopper in order to reestablish a more uniform growth of new regeneration.

Specs:

52

Monitoring, Natural Regen (Re-Inventory) Next Step

Treatments:

<u>Acceptable</u> A mix of hardwood and conifer species meeting at least a moderate stocking level.

Regen:

Other Comment:

10/1 /2020 **Proposed Start Date:** 

53017055-NF 4.4 3105 - Mixed Nonstocked Unspec NonForestMgt Other - Specify 310 -Proposal **Upland Herbaceous** Herbaceous ified

**Habitat Cut: No Site Condition:** 

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and/or soft mast.

Specs:

Next Step

**Treatments:** 

Acceptable

Regen:

Note trail protection specs in FTP. Work with Rec. specialist to avoid event weekends. **Other** 

Comment:

Pigeon River Country Mgt. Unit Report 3 -- Treatments Compartment: 17 S Year of Entry: 2021 t а **Treatment** Stand Size Stand BA **Treatment Treatment Cover Type** Acres Age **Approval** n Name CoverType Density Age Range Type Method Objective Structure **Status** d 53017061-Cut 18.8 42110 - Planted Sawtimber Clearcut with 4221 - Natural 61 86 51-80 Harvest Even-Aged Proposal Red Pine Well Retention Red Pine **Habitat Cut: No Site Condition:** Prescription Leave 2-3 small uncut pockets of Red Pine, preferably along the perimeter. Specs: Monitoring, Natural Regen (Re-Inventory) Next Step **Treatments:** Acceptable Red Pine with a mix of existing species meeting a full or moderate stocking level will be acceptable in determining regeneration success. Regen: Other Comment: **Proposed Start Date:** 10/1 /2020 53017065-NF 0.7 3105 - Mixed Nonstocked Unspec NonForestMgt Other - Specify 310 -Proposal **Upland Herbaceous** ified Herbaceous Openland **Habitat Cut: No Site Condition:** Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and/or soft mast. Specs: Next Step Treatments: Acceptable Regen: **Other** Comment: **Proposed Start Date:** 10/1 /2020 85 53017085-NF 1.5 3105 - Mixed Nonstocked Unspec NonForestMgt Other - Specify 310 -Proposal Upland Herbaceous ified Herbaceous Openland **Habitat Cut: No Site Condition:** Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and/or soft mast. Specs: Next Step Treatments: Acceptable Regen:

Other

Comment:

**Proposed Start Date:** 10/1 /2020

53017089-NF

13.2 3303 - Mixed Low Nonstocked **Density Trees** 

Unspec NonForestMgt ified

Other - Specify

310 -Herbaceous Openland

Proposal

**Habitat Cut: No Site Condition:** 

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and/or soft mast.

Specs:

Next Step Treatments:

<u>Acceptable</u> Regen:

Other Comment:

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t a											DNR DNR
n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
90	53017090-NF	0.7 U	3105 - Mixed Jpland Herbaceous	Nonstocke s	d	Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Proposal
		mow, plant	Site Condition t, burn and/or herb		ntain op	pening. P	Planting of hard a	nd/or soft mast.			
	Step tments:										
Acce Rege	eptable en:										
Othe Com	<u>r</u> ment:										
Prop	osed Start Date	<u>:</u> 10/1 /:	2020								
93	53017093-NF		301 - Low Density Deciduous Trees	Nonstocke	d	Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Proposal
		mow, plant	Site Condition t, burn and/or herb	_	ntain op	pening. P	Planting of hard a	nd/or soft mast.			
	Step tments:										
Acce Rege	e <u>ptable</u> en:										
Othe Com	<u>r</u> ment:										
Prop	osed Start Date	<u>:</u> 10/1 /:	2020								
94	53017094-NF	4.0 U	3105 - Mixed Ipland Herbaceous	Nonstocke s	d	Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Proposal
		mow, plant	Site Condition t, burn and/or herb		ntain op	pening. F	Planting of hard a	nd/or soft mast.	Opomana		
	Step tments:										
Acce Rege	e <u>ptable</u> en:										
Othe Com	<u>r</u> ment:										
Prop	osed Start Date	<u>:</u> 10/1 /:	2020								
95	53017095-NF	9.9	3102 - Grass	Nonstocke	d	Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Proposal
		mow, plant	Site Condition t, burn and/or herb		ntain op	pening. P	Planting of hard a	nd/or soft mast.			
	Step tments:										
Acce Rege	eptable en:										
Othe Com	<u>r</u> ment:										

s	Pigeor	n River Co	ountry Mgt. Unit		Re	port 3	Treatmer	nts		tment: 17 Entry: 2021	DNR
t a										-	S ANCHOLAS
n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
96	53017096-NF	28.5 l	3105 - Mixed Jpland Herbaceou	Nonstocke s	d	Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Proposal
		mow, plan	Site Condition at, burn and/or herb		ntain op	ening. F	Planting of hard a	and/or soft mast.	·		
	Step tments:										
Acce Rege	e <u>ptable</u> en:										
Othe Com	<u>r</u> ment:										
Prop	osed Start Date	<u>:</u> 10/1 /	/2020								
97	53017097-NF	7.4 2	113 - Forage Crop	s Nonstocke	d	Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Proposal
		mow, plan	Site Condition at, burn and/or herb		ntain op	ening. F	Planting of hard a	and/or soft mast.			
	Step tments:										
Acce Rege	eptable en:										
Othe Com	<u>r</u> ment:										
Prop	osed Start Date	<u>:</u> 10/1 /	/2020								
98	53017098-NF	6.1 2	113 - Forage Crop	s Nonstocke	d	Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Proposal
		mow, plan	Site Condition at, burn and/or herb		ntain op	ening. F	Planting of hard a	and/or soft mast.	Орогнала		
	Step tments:										
Acce Rege	eptable en:										
Othe Com	<u>r</u> ment:										
Prop	osed Start Date	<u>:</u> 10/1 /	/2020								
104	53017104-NF	0.5	310 - Herbaceous Openland	Nonstocke	d 0	Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Proposal
		mow, plan	Site Condition at, burn and/or herb		ntain op	ening. F	Planting of hard a	and/or soft mast.	·		
	Step tments:										
Acce Rege	e <u>ptable</u> en:										
Othe Com	<u>r</u> ment:										
Prop	osed Start Date	<u>:</u> 10/1 /	/2020								

622.4

Total Treatment Acreage Proposed: Pigeon River Country Mgt. Unit

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Availa	ability for	Managemer	nt								
Total	Acres	Acres Avail	Acres	D	omina	nt Site	e Con	ditions	3		
Acres	Available	With Condition	Not Available		5B	5C	2G	ЗА	3D	3J	3L
409	409	0	1	Aspen			0			0	
39	0	0	39	Cedar			39				
14	14	0	0	Cropland							
30	0	0	30	Hemlock				30			
135	135	0	0	Herbaceous Openland	0						
21	21	0	0	Jack Pine							
24	24	0	0	Low-Density Trees							
5	0	0	5	Lowland Aspen/Balsam Poplar			5				
55	4	0	52	Lowland Conifers			52				
23	0	0	23	Lowland Mixed Forest			23				
66	66	0	0	Lowland Shrub				0			
5	0	0	5	Lowland Spruce/Fir			5				
6	6	0	0	Mixed Upland Deciduous							
5	2	0	3	Natural Mixed Pines						3	0
591	591	0	0	Northern Hardwood		0					
314	313	0	1	Red Pine					0	1	
17	2	0	15	Upland Conifers				15			
10	0	0	10	Upland Mixed Forest			10				
1	1	0	0	Upland Shrub							
13	0	0	13	Upland Spruce/Fir						13	
68	68	0	0	Water							
5	5	0	0	White Pine							
1,856	1,660	0	197	Total Forested Acres	0	0	135	45	0	17	0
	89%	0%	11%	Relative Percent							

<sup>\*</sup>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	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

# Report 4 - Site Conditions

Pigeon River Country Mgt. Unit

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2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
3	Unavailable	3A: Conservation Values incompatible with harvest at this time	15	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
	Comments: Large remnant Wh	ite Pine and Hemlock with mixe	d hard\	vood offers a unique stand	that should be maintained	as such.	
4	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	13	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
	Comments:						
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	26	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

# Report 4 - Site Conditions

Pigeon River Country Mgt. Unit
Richard McDonald : Examiner

8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	23	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	22	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
10	Unavailable	3A: Conservation Values incompatible with harvest at this time	8	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
11	Unavailable	3A: Conservation Values incompatible with harvest at this time	22	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						

# Report 4 - Site Conditions

Pigeon River Country Mgt. Unit Richard McDonald : Examiner

13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
14	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
15	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
16	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	12	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
18	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
19	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						

Mgt. Unit

Compartment: #Type! Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Comments				



# 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	n Type	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 of stocked trout populations and those of other coldwater year to year. Coldwater streams in Michigan typically contributions of groundwater to their stream flows. Su designated as trout resources by Fisheries Order 210	er fish species (e.g., slimy sculpin) to persist from provide these conditions due to substantial ich streams are established by Director's action and								
HCVA	Natural Rivers	There are two Natural Rivers datasets which are derivapproved distance from the river centerlines. The Namost Natural Rivers. The Vegetative Buffer ranges frand Vegetative Buffers for each Natural River see the folder.	tural Rivers Zoning District is a 400 foot buffer for om 25 to 100 feet. To view specific Zoning Districts								



Stand	Level 4 Cover Type Size Density		ensity	Acres	Stand Age	BA Range	Managed 9	Site	General Comments		
1	3105 - Mixed Uր	oland Herba	aceous	Nonst	ocked	1.6		Unspecified	No		Mowed by wildlife in 2018. Before that, nothing done to this opening in
						Can	opy Species	Density	Avg. Height	Size	about 20 years.
						Mixe	ed Grasses	Full	Unspecified	Non-Wood	
2	42111 - Planted Deci	Red Pine, iduous	Mixed	Sawtimb	oer Well	45.9	82	51-80	N/A		CCC era Red Pine with a significant hardwood component and understory.
	Canopy Species	% Cover	Size Class	DBI	H Age	Can	opy Species	Density	Avg. Height	Size	
	Red Pine	60	XLog/Log	18	82	I	ronwood	Medium	10 - 20 feet	Sapling	
	White Pine	10	Log/Pole	16		Su	gar Maple	Low	>20 feet	Sapling	
	Sugar Maple	15	Log/Pole	10			Beech	Low	10 - 20 feet	Sapling	
(	Quaking Aspen	10	Pole	8	1						
3	3303 - Mixed Lo	ow Density	Trees	Nonst	ocked	0.9		Unspecified	No		Originally created as an exploratory oil drilling site. Also, a site of old offsite horse camp #10. Still a popular camping spot.
						Can	opy Species	Density	Avg. Height	Size	onsite noise camp #10. Still a popular camping spot.
						F	Red Pine	Low	5 - 10 feet	Sapling	
						li li	ronwood	Low	10 - 20 feet	Sapling	
						Qua	king Aspen	Low	>20 feet	Sapling	
						Su	gar Maple	Low	5 - 10 feet	Sapling	
						В	alsam Fir	Low	10 - 20 feet	Sapling	
4	4130	- Aspen	ı	Poletim	oer Well	2.7	42	1-50	N/A		Stand Year Origin was 1977
	Canopy Species	% Cover	Size Class	DBI	H Age	Can	opy Species	Density	Avg. Height	Size	
(	Quaking Aspen	80	Pole/Sapling	g 6	42	R	ed Maple	Medium	10 - 20 feet	Sapling	
	Red Maple	10	Pole/Sapling	g 6	42	В	alsam Fir	Low	10 - 20 feet	Sapling	
	Balsam Fir	10	Pole/Sapling	g 6							
5	6120 - Lov	wland Ceda	ar Po	oletimbe	r Mediu	m 7.9	99	1-50	N/A		Wet, deteriorating stand. Water fluctuates due to road and beaver
	Canopy Species	% Cover	Size Class	DBI	H Age	Can	opy Species	Density	Avg. Height	Size	activity.
Nort	thern White Cedar	75	Pole	9	99	В	alsam Fir	Low	5 - 10 feet	Sapling	
(	Quaking Aspen	10	Log/Pole	12		Т	ag Alder	Medium	5 - 10 feet	Tall Shrub	
	Tamarack	10	Pole	8				-	1		
							·				-
6	4130	- Aspen		Poletim	oer Well	2.5	42	51-80	N/A		Part of larger stand to the north in Compartment 11 (stand 113). Manage
	4130 Canopy Species	- Aspen % Cover			oer Well		42 opy Species		N/A Avg. Height	Size	Part of larger stand to the north in Compartment 11 (stand 113). Manage with that stand.
				DBI		Can				<b>Size</b> Sapling	
	Canopy Species	% Cover	Size Class	<b>DBI</b>	H Age	<b>Can</b>	opy Species	Density	Avg. Height		



Stand	d Level 4 C	Size Density			Acres Stand Age BA Range Managed Site				ite	General Comments	
7	4130	- Aspen	F	Poletimb	er Well	9.3	41	1-50	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Cano	py Species	Density	Avg. Height	Size	
	Quaking Aspen	65	Pole/Sapling	7	41	Bal	sam Fir	Medium	10 - 20 feet	Sapling	
	Balsam Fir	15	Pole/Sapling	7		Red	d Maple	Medium	10 - 20 feet	Sapling	
	Red Maple	15	Pole/Sapling	6	41						-
8	4110 - Sugar M	/laple Asso	ciation S	Sawtimb	er Well	59.5	98	81-110	N/A		Stand was selectively cut in 2002-03.
	Canopy Species	% Cover	Size Class	DBH	l Age	Cano	py Species	Density	Avg. Height	Size	
	Sugar Maple	50	Log/Pole	10	98	В	Beech	Medium	5 - 10 feet	Sapling	
	Basswood	30	Log/Pole	12	98	Iro	nwood	Medium	5 - 10 feet	Sapling	
	Beech	10	Log/Pole	10	98	Wh	nite Ash	Low	5 - 10 feet	Sapling	
						Sug	ar Maple	Low	5 - 10 feet	Sapling	
9	4199 - Other Mixe	d Upland D	Deciduous	Saplino	g Well	3.8	41	1-50	N/A		OI Stand Year Origin was 1978
	Canopy Species	% Cover	Size Class	DBH	l Age	Cano	py Species	Density	Avg. Height	Size	
	Quaking Aspen	25	Pole/Sapling	6	41	Sug	ar Maple	Low	5 - 10 feet	Sapling	
	Sugar Maple	30	Sapling	3	41	В	Beech	Low	5 - 10 feet	Sapling	
	Beech	15	Sapling	3	41	Bal	sam Fir	Low	10 - 20 feet	Sapling	
	Ironwood	30	Sapling	3	41						-
10	Ironwood 4119 - Mixed No		Sapling	3 Sapling		10.3	35	1-50	N/A		This stand has recovered well from early browse damage after it was cut
10		orthern Har	Sapling	Sapling			35 py Species	1-50 Density	N/A Avg. Height	Size	the last time. A mix of hardwood has filled in well throughout the stand.
10	4119 - Mixed No	orthern Har	Sapling	Sapling	g Well	Cano					This stand has recovered well from early browse damage after it was cut the last time. A mix of hardwood has filled in well throughout the stand. The NW portion is still fairly open, but is gradually filling in.
10	4119 - Mixed No	orthern Har	Sapling dwoods Size Class	Sapling	g Well	Cano	py Species	Density	Avg. Height	Size	the last time. A mix of hardwood has filled in well throughout the stand.
10	4119 - Mixed No Canopy Species Sugar Maple	orthern Har  % Cover  40	Sapling dwoods Size Class Sapling	Sapling  DBH	Well  Age 35	Cano	<b>py Species</b> Beech	<b>Density</b> Low	Avg. Height 5 - 10 feet	<b>Size</b> Sapling	the last time. A mix of hardwood has filled in well throughout the stand.
10	4119 - Mixed No Canopy Species Sugar Maple Beech	w Cover	Sapling dwoods Size Class Sapling Sapling	Sapling  DBH  2 2	Well Age 35 35	Cano	<b>py Species</b> Beech	<b>Density</b> Low	Avg. Height 5 - 10 feet	<b>Size</b> Sapling	the last time. A mix of hardwood has filled in well throughout the stand.
10	4119 - Mixed No Canopy Species Sugar Maple Beech Ironwood	## Cover   40   20   20   10	Sapling dwoods Size Class Sapling Sapling Sapling Sapling Sapling	Saplino DBH 2 2 2 2 2 Sawtimb	35 35 35 ser Well	Cano	<b>py Species</b> Beech	<b>Density</b> Low	Avg. Height 5 - 10 feet	<b>Size</b> Sapling	the last time. A mix of hardwood has filled in well throughout the stand. The NW portion is still fairly open, but is gradually filling in.  Isolated pocket of mature Red Pine too small to be managed alone. So
	4119 - Mixed No Canopy Species Sugar Maple Beech Ironwood Red Maple	## Cover   40   20   20   10	Sapling dwoods Size Class Sapling Sapling Sapling Sapling Sapling	Saplino DBH 2 2 2 2 2 Sawtimb	35 35 35 35	Canop E Suga	py Species Beech ar Maple	Density Low Low	Avg. Height 5 - 10 feet 5 - 10 feet	<b>Size</b> Sapling	the last time. A mix of hardwood has filled in well throughout the stand. The NW portion is still fairly open, but is gradually filling in.
	4119 - Mixed No Canopy Species Sugar Maple Beech Ironwood Red Maple	% Cover 40 20 20 10	Sapling dwoods Size Class Sapling Sapling Sapling Sapling Sapling	Saplino DBH 2 2 2 2 2 Sawtimb	35 35 35 ser Well	Canol E Suga 4.1 Canol	py Species Beech ar Maple	Density Low Low	Avg. Height 5 - 10 feet 5 - 10 feet N/A	Size Sapling Sapling	the last time. A mix of hardwood has filled in well throughout the stand. The NW portion is still fairly open, but is gradually filling in.  Isolated pocket of mature Red Pine too small to be managed alone. So
	4119 - Mixed No Canopy Species Sugar Maple Beech Ironwood Red Maple 42210 - Nat	% Cover 40 20 20 10 tural Red P	Sapling dwoods Size Class Sapling Sapling Sapling Sapling Sapling Size Class	Sapling  DBH  2 2 2 2 2 DBH  DBH	g Well  I Age  35  35  35  35  er Well  I Age	Canol Sug	py Species Beech ar Maple  87 py Species	Density Low Low 111-140 Density	Avg. Height 5 - 10 feet 5 - 10 feet N/A Avg. Height	Size Sapling Sapling	the last time. A mix of hardwood has filled in well throughout the stand. The NW portion is still fairly open, but is gradually filling in.  Isolated pocket of mature Red Pine too small to be managed alone. So
	4119 - Mixed No Canopy Species Sugar Maple Beech Ironwood Red Maple  42210 - Nat Canopy Species Red Pine	orthern Har  Cover  40  20  20  10  tural Red P  Cover  60	Sapling  dwoods  Size Class Sapling Sapling Sapling Sapling Size Class Log/Pole	Sapline  DBH  2  2  2  2  Bawtimb  DBH  14	g Well  I Age  35  35  35  35  er Well  I Age	Canol Sug	py Species Beech ar Maple  87  py Species Beech	Low Low  111-140  Density  Medium	Avg. Height 5 - 10 feet 5 - 10 feet  N/A  Avg. Height 10 - 20 feet	Size Sapling Sapling Size Sapling	the last time. A mix of hardwood has filled in well throughout the stand. The NW portion is still fairly open, but is gradually filling in.  Isolated pocket of mature Red Pine too small to be managed alone. So
	4119 - Mixed No Canopy Species Sugar Maple Beech Ironwood Red Maple  42210 - Nat Canopy Species Red Pine White Pine	## Cover 60 20	Sapling  dwoods  Size Class Sapling Sapling Sapling Sapling Sapling Sapling Sapling Log/Pole Log	Sapling  DBH  2 2 2 2 2 Bawtimb  DBH  14 14	g Well  I Age  35  35  35  35  er Well  I Age	Canol Sug	py Species Beech ar Maple  87  py Species Beech pnwood	Low Low  111-140  Density  Medium Medium	Avg. Height 5 - 10 feet 5 - 10 feet  N/A  Avg. Height 10 - 20 feet 10 - 20 feet	Size Sapling Sapling Size Sapling Sapling	the last time. A mix of hardwood has filled in well throughout the stand. The NW portion is still fairly open, but is gradually filling in.  Isolated pocket of mature Red Pine too small to be managed alone. So
	4119 - Mixed No Canopy Species Sugar Maple Beech Ironwood Red Maple  42210 - Nat Canopy Species Red Pine White Pine Sugar Maple	w Cover 40 20 20 10 10 20 40 20 40 40 40 40 40 40 40 40 40 40 40 40 40	Sapling dwoods Size Class Sapling Sapling Sapling Sapling Suppling Sapling Suppling	Sapling  DBH  2 2 2 2 2  8awtimbb  DBH  14 10 12	g Well  I Age  35  35  35  35  er Well  I Age	Canol Sug	py Species Beech ar Maple  87  py Species Beech pnwood	Low Low  111-140  Density  Medium Medium	Avg. Height 5 - 10 feet 5 - 10 feet  N/A  Avg. Height 10 - 20 feet 10 - 20 feet	Size Sapling Sapling Size Sapling Sapling	the last time. A mix of hardwood has filled in well throughout the stand. The NW portion is still fairly open, but is gradually filling in.  Isolated pocket of mature Red Pine too small to be managed alone. So
11	4119 - Mixed No Canopy Species Sugar Maple Beech Ironwood Red Maple  42210 - Nat Canopy Species Red Pine White Pine Sugar Maple Basswood	### Cover   40	Sapling dwoods Size Class Sapling Sapling Sapling Sapling Suppling Sapling Suppling	Sapling  DBH  2 2 2 2 2 Sawtimb  DBH  14 14 10 12  Poletimb	35 35 35 35 8F Well	Canop  E Sug:  4.1 Canop  E Iro Sug:  51.4	py Species Beech ar Maple  87 py Species Beech anwood ar Maple	Low Low  111-140  Density  Medium Medium Low	N/A  Avg. Height  5 - 10 feet  5 - 10 feet  N/A  Avg. Height  10 - 20 feet  10 - 20 feet	Size Sapling Sapling Size Sapling Sapling	The NW portion is still fairly open, but is gradually filling in.  Isolated pocket of mature Red Pine too small to be managed alone. So it can be managed with stand 13 or left for retention purposes.
11	4119 - Mixed No Canopy Species Sugar Maple Beech Ironwood Red Maple  42210 - Nat Canopy Species Red Pine White Pine Sugar Maple Basswood  4111 - S.Maple, Ha	### Cover   40	Sapling  dwoods  Size Class Sapling Sapling Sapling Sapling Size Class Log/Pole Log Log/Pole Log/Pole Sociation  Size Class	Sapling  DBH  2 2 2 2 2 Sawtimb  DBH  14 14 10 12  Poletimb	g Well  A Age 35 35 35 35 er Well  A Age 87	Canop  E Suga  4.1  Canop  Iro  Suga  51.4  Canop	py Species Beech ar Maple  87  py Species Beech anwood ar Maple	Density Low Low  111-140 Density Medium Medium Low	N/A  Avg. Height  5 - 10 feet  5 - 10 feet  N/A  Avg. Height  10 - 20 feet  10 - 20 feet  N/A	Size Sapling Sapling Size Sapling Sapling Sapling	The NW portion is still fairly open, but is gradually filling in.  Isolated pocket of mature Red Pine too small to be managed alone. So it can be managed with stand 13 or left for retention purposes.
11	4119 - Mixed No.  Canopy Species Sugar Maple Beech Ironwood Red Maple  42210 - Nat  Canopy Species Red Pine White Pine Sugar Maple Basswood  4111 - S.Maple, Ha	### Cover   ### Co	Sapling  dwoods  Size Class Sapling Sapling Sapling Sapling Sapling Cine Size Class Log/Pole Log Log/Pole Log/Pole Sociation Size Class	Sapling  DBH  2 2 2 2 2 Sawtimb  DBH  14 10 12  Poletimb  DBH	g Well  Age 35 35 35 35 er Well  Age 87 er Well  Age 87	Canop  E Suga  4.1  Canop  Iro  Suga  51.4  Canop	py Species Beech ar Maple  87 py Species Beech pnwood ar Maple  58 py Species	Density Low Low  111-140 Density Medium Medium Low  81-110 Density	Avg. Height 5 - 10 feet 5 - 10 feet  N/A  Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet Avg. Height	Size Sapling Sapling Size Sapling Sapling Sapling Sapling	The NW portion is still fairly open, but is gradually filling in.  Isolated pocket of mature Red Pine too small to be managed alone. So it can be managed with stand 13 or left for retention purposes.



Stanc	Level 4 Cover Type		\$	Size Density		Acres Stand Age	Acres Stand Age BA Range		Site	General Comments
13	42110 - Pla	nted Red P	ine S	awtiml	er Well	92.8 85	81-110	N/A		Stand Year Origin was 1934. Selection cut in 2004.
	Canopy Species	% Cover	Size Class	DBI	H Age	Canopy Species	Density	Avg. Height	Size	
	Red Pine	80	Log	16	85	Ironwood	Medium	10 - 20 feet	Sapling	
	White Pine	10	Log/Pole	15		Sugar Maple	Low	10 - 20 feet	Sapling	
				'		Beech	Low	5 - 10 feet	Sapling	
14	4110 - Sugar M	Maple Asso	ciation S	awtiml	er Well	91.0 95	81-110	N/A		Stand was selectively cut in 2002-05.
	Canopy Species	% Cover	Size Class	DBI	H Age	Canopy Species	Density	Avg. Height	Size	
	Sugar Maple	60	Log/Pole	10	95	Beech	Medium	5 - 10 feet	Sapling	
	Basswood	26	Log/Pole	10	95	Ironwood	Medium	5 - 10 feet	Sapling	
	Beech	10	Log/Pole	12	95	White Ash	Low	5 - 10 feet	Sapling	
					·'	Sugar Maple	Low	5 - 10 feet	Sapling	
15	4130	- Aspen	P	oletiml	er Well	4.4 54	81-110	N/A		Wait for hardwood to be cut next time.
	Canopy Species	% Cover	Size Class	DBI	H Age	Canopy Species	Density	Avg. Height	Size	
	Quaking Aspen	90	Log/Pole	10	54	Sugar Maple	Medium	10 - 20 feet	Sapling	
				•		Balsam Fir	Low	10 - 20 feet	Sapling	
						Paper Birch	Low	10 - 20 feet	Sapling	
					ľ	D l.				
					L	Beech	Low	5 - 10 feet	Sapling	
16	4130	- Aspen	P	oletiml	er Well		1-50	5 - 10 feet N/A		Stand Year Origin was 1982
16	4130 Canopy Species	- Aspen			per Well					Stand Year Origin was 1982
16						5.2 37	1-50	N/A	, ,	Stand Year Origin was 1982
16	Canopy Species	% Cover	Size Class	DBI	H Age	5.2 37 Canopy Species	1-50 Density	N/A Avg. Height	Size	Stand Year Origin was 1982
	Canopy Species Quaking Aspen	<b>% Cover</b> 85 10	Size Class Pole/Sapling Pole/Sapling	<b>DBI</b>	37	5.2 37  Canopy Species  Red Maple	1-50  Density  Medium	N/A  Avg. Height  10 - 20 feet	Size Sapling Sapling	OPIC - FMD: CCC opening - Elk viewing area. Portion of the opening i
	Canopy Species Quaking Aspen Balsam Fir	<b>% Cover</b> 85 10	Size Class Pole/Sapling Pole/Sapling	<b>DBI</b> 6 6	37	5.2 37  Canopy Species  Red Maple  Balsam Fir	1-50  Density  Medium  Medium	N/A  Avg. Height  10 - 20 feet  10 - 20 feet	Size Sapling Sapling	OPIC - FMD: CCC opening - Elk viewing area. Portion of the opening disc and planted for Elk viewing. A good portion of the rest of the standard control of the standard contro
	Canopy Species Quaking Aspen Balsam Fir	<b>% Cover</b> 85 10	Size Class Pole/Sapling Pole/Sapling	<b>DBI</b> 6 6	37	5.2 37  Canopy Species  Red Maple  Balsam Fir  79.0	1-50  Density  Medium  Medium  Unspecified	N/A  Avg. Height  10 - 20 feet  10 - 20 feet  Managed C	Size Sapling Sapling	
	Canopy Species Quaking Aspen Balsam Fir	<b>% Cover</b> 85 10	Size Class Pole/Sapling Pole/Sapling	<b>DBI</b> 6 6	37	5.2 37  Canopy Species  Red Maple  Balsam Fir  79.0  Canopy Species	1-50  Density  Medium  Medium  Unspecified  Density	N/A  Avg. Height  10 - 20 feet  10 - 20 feet  Managed C  Avg. Height	Size Sapling Sapling Opening Size	OPIC - FMD: CCC opening - Elk viewing area. Portion of the opening disc and planted for Elk viewing. A good portion of the rest of the stants burned every few years to maintain the opening in a grass state
	Canopy Species Quaking Aspen Balsam Fir	<b>% Cover</b> 85 10	Size Class Pole/Sapling Pole/Sapling	<b>DBI</b> 6 6	37	5.2 37  Canopy Species  Red Maple  Balsam Fir  79.0  Canopy Species  Mixed Grasses	1-50  Density  Medium  Medium  Unspecified  Density  Full  Low	N/A  Avg. Height  10 - 20 feet  10 - 20 feet  Managed C  Avg. Height  Unspecified	Size Sapling Sapling Opening Size Non-Wood	OPIC - FMD: CCC opening - Elk viewing area. Portion of the opening disc and planted for Elk viewing. A good portion of the rest of the stan is burned every few years to maintain the opening in a grass state
	Canopy Species Quaking Aspen Balsam Fir	<b>% Cover</b> 85 10	Size Class Pole/Sapling Pole/Sapling	<b>DBI</b> 6 6	37	5.2 37  Canopy Species  Red Maple  Balsam Fir  79.0  Canopy Species  Mixed Grasses  Bracken Fern	1-50  Density  Medium  Medium  Unspecified  Density  Full  Low	N/A  Avg. Height 10 - 20 feet 10 - 20 feet  Managed C  Avg. Height Unspecified Unspecified	Size Sapling Sapling Dening Size Non-Wood Non-Wood	OPIC - FMD: CCC opening - Elk viewing area. Portion of the opening disc and planted for Elk viewing. A good portion of the rest of the stan is burned every few years to maintain the opening in a grass state
17	Canopy Species Quaking Aspen Balsam Fir	% Cover 85 10 pland Herba	Size Class Pole/Sapling Pole/Sapling accous	BI 6 6 Nonst	37	5.2 37  Canopy Species  Red Maple  Balsam Fir  79.0  Canopy Species  Mixed Grasses  Bracken Fern  Blackberry/Raspberry  Staghorn Sumac	1-50  Density  Medium  Medium  Unspecified  Density  Full  Low  y  Low	N/A  Avg. Height  10 - 20 feet  10 - 20 feet  Managed C  Avg. Height  Unspecified  Unspecified  < 5 feet	Size Sapling Sapling Dening Size Non-Wood Non-Wood Tall Shrub Tall Shrub	OPIC - FMD: CCC opening - Elk viewing area. Portion of the opening disc and planted for Elk viewing. A good portion of the rest of the stand is burned every few years to maintain the opening in a grass state  Strip of scattered pine along the Elk viewing area. Filling in with a mix
17	Canopy Species Quaking Aspen Balsam Fir  3105 - Mixed Up	% Cover 85 10 pland Herba	Size Class Pole/Sapling Pole/Sapling accous	DBI 6 6 Nonst	Age 37 ocked	5.2 37  Canopy Species  Red Maple  Balsam Fir  79.0  Canopy Species  Mixed Grasses  Bracken Fern  Blackberry/Raspberry  Staghorn Sumac	1-50  Density  Medium  Medium  Unspecified  Density  Full  Low  y  Low  Low	N/A  Avg. Height  10 - 20 feet  10 - 20 feet  Managed C  Avg. Height  Unspecified  Unspecified  < 5 feet  < 5 feet	Size Sapling Sapling Dening Size Non-Wood Non-Wood Tall Shrub Tall Shrub	OPIC - FMD: CCC opening - Elk viewing area. Portion of the opening disc and planted for Elk viewing. A good portion of the rest of the stan is burned every few years to maintain the opening in a grass state
17	Canopy Species Quaking Aspen Balsam Fir  3105 - Mixed Up	% Cover 85 10 pland Herba	Size Class Pole/Sapling Pole/Sapling accous	DBI 6 6 Nonst	1 Age 37 cocked	5.2 37  Canopy Species  Red Maple  Balsam Fir  79.0  Canopy Species  Mixed Grasses  Bracken Fern  Blackberry/Raspberry  Staghorn Sumac  m 21.1 39  Canopy Species	1-50  Density  Medium  Medium  Unspecified  Density  Full  Low  y  Low  1-50	N/A  Avg. Height  10 - 20 feet  10 - 20 feet  Managed C  Avg. Height  Unspecified  Unspecified  < 5 feet  < 5 feet	Size Sapling Sapling Opening Size Non-Wood Non-Wood Tall Shrub	OPIC - FMD: CCC opening - Elk viewing area. Portion of the opening disc and planted for Elk viewing. A good portion of the rest of the stands burned every few years to maintain the opening in a grass state  Strip of scattered pine along the Elk viewing area. Filling in with a mix
17	Canopy Species Quaking Aspen Balsam Fir  3105 - Mixed Up  42220 - Nat Canopy Species	% Cover  85 10  pland Herba  ural Jack P  % Cover 60	Size Class Pole/Sapling Pole/Sapling accous	DBI 6 6 Nonst	ocked  r Medium  Age 39	5.2 37  Canopy Species  Red Maple  Balsam Fir  79.0  Canopy Species  Mixed Grasses  Bracken Fern  Blackberry/Raspberry  Staghorn Sumac  m 21.1 39	1-50  Density  Medium  Medium  Unspecified  Density  Full  Low  y  Low  1-50  Density	N/A  Avg. Height  10 - 20 feet  10 - 20 feet  Managed C  Avg. Height  Unspecified  Unspecified  < 5 feet  < 5 feet  Avg. Height	Size Sapling Sapling Spening Size Non-Wood Non-Wood Tall Shrub Tall Shrub Size Sapling	OPIC - FMD: CCC opening - Elk viewing area. Portion of the opening disc and planted for Elk viewing. A good portion of the rest of the stand is burned every few years to maintain the opening in a grass state  Strip of scattered pine along the Elk viewing area. Filling in with a mix
17	Canopy Species Quaking Aspen Balsam Fir  3105 - Mixed Up  42220 - Nat  Canopy Species  Jack Pine	% Cover  85 10  pland Herba  ural Jack P	Size Class Pole/Sapling Pole/Sapling accous	DBI 6 6 Nonst	ocked  T Medium  H Age  39  39	5.2 37  Canopy Species  Red Maple  Balsam Fir  79.0  Canopy Species  Mixed Grasses  Bracken Fern  Blackberry/Raspberry  Staghorn Sumac  m 21.1 39  Canopy Species  Sugar Maple	1-50  Density  Medium  Medium  Unspecified  Density  Full  Low  Low  Low  1-50  Density  Medium	N/A  Avg. Height  10 - 20 feet  10 - 20 feet  Managed C  Avg. Height  Unspecified  < 5 feet  < 5 feet  N/A  Avg. Height  10 - 20 feet	Size Sapling Sapling Spening Size Non-Wood Non-Wood Tall Shrub Size	OPIC - FMD: CCC opening - Elk viewing area. Portion of the opening disc and planted for Elk viewing. A good portion of the rest of the stand is burned every few years to maintain the opening in a grass state  Strip of scattered pine along the Elk viewing area. Filling in with a mix



Stand	Level 4 Cover Type		5	Size Density		Acres	cres Stand Age BA Range		Managed S	Site	General Comments
19	4116 - Mixed N.	Hardwood -	- Aspen P	oletimb	er Well	72.1	58	81-110	N/A		OI Stand Year Origin was 1961. Difficult stand to type. Aspen is in scattered pockets or clones maybe. wait 10 years.
	Canopy Species	% Cover	Size Class	DBH	l Age	Cano	py Species	Density	Avg. Height	Size	scattered pockets of clones maybe. Walt 10 years.
	Sugar Maple	30	Pole	8	58		Beech	Medium	< 5 feet	Sapling	
	Red Maple	8	Pole	8	58	Ir	onwood	Low	10 - 20 feet	Sapling	
I	Bigtooth Aspen	30	Pole/Sapling	7	58	Suç	gar Maple	Low	< 5 feet	Sapling	
	Beech	10	Pole	8							
	Basswood	15	Log/Pole	10	58						
20	429 - Mixed U	Jpland Con	ifers S	awtimb	er Well	15.1	154	111-140	N/A		Small pocket of White Pine and Hemlock.
	Canopy Species	% Cover	Size Class	DBH	I Age	Cano	py Species	Density	Avg. Height	Size	
	White Pine	20	XLog/Log	18	154		Beech	Low	5 - 10 feet	Sapling	
	Hemlock	40	Log/Pole	15	154	Re	ed Maple	Low	5 - 10 feet	Sapling	
	Beech	10	Pole	9	58	Ir	onwood	Low	Variable	Sapling	
	Red Maple	10	Pole	8							
	Sugar Maple	15	Pole	8	58						
21	6124 - Lowla	and Spruce	-Fir P	oletimb	er Well	8.7	94	81-110	N/A		OI Stand Year Origin was 1925. Ring of mixed swamp conifer around
	Canopy Species	% Cover	Size Class	DBH	l Age	Cano	py Species	Density	Avg. Height	Size	spruce bog.
	Black Spruce	30	Pole	8	94	Re	ed Maple	Low	10 - 20 feet	Sapling	
Nor	rthern White Cedar	25	Pole/Log	9	94	Ва	ılsam Fir	Medium	10 - 20 feet	Sapling	
	Red Maple	10	Pole/Sapling	8		Ta	ag Alder	Low	5 - 10 feet	Tall Shrub	
	Balsam Fir	15	Pole	8							
22	622 - Low	land Shrub	)								
				Nonst	ocked	5.4	0	Unspecified	No		Small stream flows periodically backed up by Beavers.
				Nonst	ocked		opy Species	Unspecified <b>Density</b>	No Avg. Height	Size	Small stream flows periodically backed up by Beavers.
				Nonst	ocked	Cano				Size Tall Shrub	Small stream flows periodically backed up by Beavers.
				Nonsto	ocked	<b>Cano</b>	py Species	Density	Avg. Height		Small stream flows periodically backed up by Beavers.
				Nonst	ocked	Cano Ta Qual	ppy Species ag Alder	<b>Density</b> High	Avg. Height 5 - 10 feet	Tall Shrub	Small stream flows periodically backed up by Beavers.
				Nonst	ocked	Cand Ta Qual Re	ppy Species ag Alder king Aspen	Density High Low Low	Avg. Height 5 - 10 feet >20 feet	Tall Shrub Pole	Small stream flows periodically backed up by Beavers.
				Nonst	ocked	Cand Ta Qual Re Northern	ppy Species ag Alder king Aspen ed Maple	Density High Low Low	Avg. Height 5 - 10 feet >20 feet >20 feet	Tall Shrub Pole Pole	Small stream flows periodically backed up by Beavers.
23	4136 - Aspen	, Mixed Co			ocked	Cand Ta Qual Re Northern	ag Alder king Aspen ed Maple n White Ceda	Density High Low Low Low r Low	Avg. Height 5 - 10 feet >20 feet >20 feet >20 feet	Tall Shrub Pole Pole Pole	Small stream flows periodically backed up by Beavers.  OI Stand Year Origin was 1961
	4136 - Aspen Canopy Species			oletimb		Cand Ta Qual Re Northern Wi	ppy Species ag Alder king Aspen ed Maple n White Ceda Illow spp.	Density High Low Low Low Low Low Low	Avg. Height 5 - 10 feet >20 feet >20 feet >20 feet 5 - 10 feet	Tall Shrub Pole Pole Pole	
			nifer P	oletimb	er Well	Cand Ta Qual Re Northern Wi 13.6	ppy Species ag Alder king Aspen ed Maple in White Ceda Illow spp.	Density High Low Low Ir Low Low S1-80	Avg. Height 5 - 10 feet >20 feet >20 feet >20 feet >10 feet >20 feet >20 feet N/A	Tall Shrub Pole Pole Pole Tall Shrub	
	Canopy Species	% Cover	nifer P Size Class	oletimb	ner Well	Canc Ta Qual Re Northern Wi  13.6 Canc	ppy Species ag Alder king Aspen ed Maple n White Ceda Illow spp. 58 ppy Species	Density High Low Low r Low Low S1-80 Density	Avg. Height 5 - 10 feet >20 feet >20 feet >20 feet 5 - 10 feet  N/A  Avg. Height	Tall Shrub Pole Pole Pole Tall Shrub	
	Canopy Species Quaking Aspen	<b>% Cover</b> 40	nifer P <b>Size Class</b> Pole	oletimb DBH	ner Well	Canc Ta Qual Re Northern Wi  13.6 Canc	ppy Species ag Alder king Aspen ed Maple n White Ceda Illow spp.  58 ppy Species ed Maple	Density High Low Low r Low Low 51-80 Density Low	Avg. Height 5 - 10 feet >20 feet >20 feet >20 feet  >10 feet >20 feet  Avg. Height  10 - 20 feet	Tall Shrub Pole Pole Pole Tall Shrub  Size Sapling	



Stan	d Level 4 C	over Type		Size De	ensity	Acres Stand A	ge BA Range	Managed S	ite	General Comments	
24	42110 - Pla	nted Red P	ine S		er Well	1.5 88	111-140	N/A		Part of a larger stand to the west in Comp. 16 that goes down along Cornwall flooding shoreline.	
	Canopy Species	% Cover	Size Class	DBH	l Age	Canopy Specie	es Density	Avg. Height	Size	Contiwall flooding shoreline.	
	Red Pine	80	Log/Pole	14	88	Balsam Fir	Low	10 - 20 feet	Sapling		
	White Pine	10	Log/Pole	15		White Pine	Low	5 - 10 feet	Sapling		
	Quaking Aspen	7	Pole	9		Red Maple	Low	5 - 10 feet	Sapling		
25	4134 - Asp	en, Spruce/	Fir	Sapling	g Well	47.2 36	1-50	N/A		OI Stand Year Origin was 1983	
	Canopy Species	% Cover	Size Class	DBH	H Age	Canopy Specie	es Density	Avg. Height	Size		
	Quaking Aspen	50	Sapling/Pole	4	36	Red Maple	Medium	10 - 20 feet	Sapling		
	Balsam Fir	30	Sapling/Pole	4	36	Balsam Fir	Medium	10 - 20 feet	Sapling		
	Red Maple	15	Sapling	3			·				
26	4139 - Aspen,	Mixed Deci	duous	Sapling	g Well	53.3 27	1-50	N/A		CCC pine burn control plot. A pine salvage was done right after to cut a	
	Canopy Species	% Cover	Size Class	DBH	H Age	Canopy Specie	es Density	Avg. Height	Size	lot of the fire damaged trees, but many trees have died out and fallen over. Hardwood and Aspen mix coming in underneath with some	
	Red Pine	10	Log	16	88	Beech	Low	5 - 10 feet	Sapling	pockets of Red Pine regeneration coming in as well. Portions of the	
	Quaking Aspen	55	Sapling	2	27	Sugar Maple	Low	5 - 10 feet	Sapling	stand near the CCC opening complex have quite a bit of Siberian Crab	
	Red Maple	15	Sapling	2	27	Ironwood	Low	5 - 10 feet	Sapling	throughout due to being to close to the seed source.	
	Sugar Maple	7	Sapling	2	27	Red Pine	Low	5 - 10 feet	Sapling		
	Ironwood	10	Sapling	2	27	White Pine	Low	5 - 10 feet	Sapling		
27	42110 - Pla	nted Red P	ine Sa	wtimbe	r Mediu	m 69.0 88	51-80	N/A		OPIC - FMD: OI Stand Year Origin was 1931	
	Canopy Species	% Cover	Size Class	DBH	H Age	Canopy Specie	es Density	Avg. Height	Size		
	Red Pine	95	Log	16	88	Sugar Maple	Low	10 - 20 feet	Sapling		
			Log	10		ouga. mapio			- 1 3		
			Log	10		Red Maple	Medium	10 - 20 feet	Sapling		
			209	10			Medium Low	10 - 20 feet 5 - 10 feet			
			Log	10		Red Maple	Low		Sapling		
			209	10		Red Maple Beech	Low	5 - 10 feet	Sapling Sapling		
				10		Red Maple Beech Quaking Asper	Low Low	5 - 10 feet 10 - 20 feet	Sapling Sapling Sapling		
28				Sapling		Red Maple Beech Quaking Asper White Pine	Low Low Low	5 - 10 feet 10 - 20 feet 10 - 20 feet	Sapling Sapling Sapling Sapling	Part of old CCC burn area. This area developed into mostly Pine	
28		tural Red Pi		Saplin		Red Maple Beech Quaking Asper White Pine Balsam Fir	Low Low Low Low	5 - 10 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet	Sapling Sapling Sapling Sapling	Part of old CCC burn area. This area developed into mostly Pine regeneration.	
28	42210 - Na	tural Red Pi	ne	Saplin <sub>t</sub>	g Well	Red Maple Beech Quaking Asper White Pine Balsam Fir  21.7 27	Low Low Low Low	5 - 10 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet N/A	Sapling Sapling Sapling Sapling Sapling		
28	42210 - Na Canopy Species	tural Red Pi <b>% Cover</b>	ne Size Class	Sapling  DBH	g Well	Red Maple Beech Quaking Asper White Pine Balsam Fir  21.7 27 Canopy Specie	Low Low Low Low T-50 Density	5 - 10 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet N/A Avg. Height	Sapling Sapling Sapling Sapling Sapling Sapling		
28	42210 - Na Canopy Species Red Pine	tural Red Pi <b>% Cover</b> 60	ne Size Class Pole/Sapling	Sapling  DBH	g Well  1 Age 27	Red Maple Beech Quaking Asper White Pine Balsam Fir  21.7 27 Canopy Specie Beech	Low Low Low Low Low Des Density Low	5 - 10 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet	Sapling Sapling Sapling Sapling Sapling Sapling Sapling		
28	42210 - Nat Canopy Species Red Pine Jack Pine Quaking Aspen	tural Red Pi  **Cover** 60 20 10	ne Size Class Pole/Sapling Sapling/Pole Sapling	Sapline  DBH  6  4	g Well  1 Age 27 27 27	Red Maple Beech Quaking Asper White Pine Balsam Fir  21.7 27 Canopy Specie Beech	Low Low Low Low Low Des Density Low	5 - 10 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet	Sapling Sapling Sapling Sapling Sapling Sapling Sapling		
	42210 - Nat Canopy Species Red Pine Jack Pine Quaking Aspen	tural Red Pi  % Cover  60 20 10  tural Red Pi	ne Size Class Pole/Sapling Sapling/Pole Sapling	Sapline  DBI 6 4 2  Sapline	g Well  1 Age 27 27 27	Red Maple Beech Quaking Asper White Pine Balsam Fir  21.7 27  Canopy Specie Beech White Pine	Low Low Low 1-50 Density Low Low Low	5 - 10 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling Sapling Sapling Sapling Sapling	regeneration.	
	42210 - Nat Canopy Species Red Pine Jack Pine Quaking Aspen 42210 - Nat	tural Red Pi  % Cover  60 20 10  tural Red Pi	ne Size Class Pole/Sapling Sapling/Pole Sapling	Sapline  DBI 6 4 2  Sapline	g Well  1 Age 27 27 27 27 g Well	Red Maple Beech Quaking Asper White Pine Balsam Fir  21.7 27 Canopy Specie Beech White Pine	Low Low Low 1-50 Density Low Low Low	5 - 10 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	regeneration.	
	42210 - Na  Canopy Species  Red Pine  Jack Pine  Quaking Aspen  42210 - Na  Canopy Species	tural Red Pi  Cover  60 20 10  tural Red Pi  Cover	ne Size Class Pole/Sapling Sapling/Pole Sapling ne Size Class	Sapling  DBH  6 4 2  Sapling	g Well  I Age 27 27 27 g Well  I Age	Red Maple Beech Quaking Asper White Pine Balsam Fir  21.7 27 Canopy Specie Beech White Pine  9.7 27 Canopy Specie	Low Low Low Low 1-50 Density Low Low Low Density Density Density	5 - 10 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet 5 - 10 feet N/A Avg. Height	Sapling Sapling Sapling Sapling Sapling Sapling Sapling Size Sapling Sapling	regeneration.	
	42210 - Na  Canopy Species  Red Pine  Jack Pine  Quaking Aspen  42210 - Na  Canopy Species  Red Pine	tural Red Pi  Cover  60 20 10  tural Red Pi  Cover  60	ne Size Class Pole/Sapling Sapling/Pole Sapling ne Size Class Sapling	Sapling  DBH  6  4  2  Sapling  DBH  3	g Well  1 Age 27 27 27 27 g Well  1 Age 27	Red Maple Beech Quaking Asper White Pine Balsam Fir  21.7 27 Canopy Specie Beech White Pine  9.7 27 Canopy Specie Red Maple	Low Low Low 1-50 Density Low Low Immature Density Low	5 - 10 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet  N/A  Avg. Height 5 - 10 feet  N/A  Avg. Height 5 - 10 feet  5 - 10 feet	Sapling Sapling Sapling Sapling Sapling Sapling Size Sapling Sapling Sapling	regeneration.	



Stand	Level 4 Co	over Type		Size D	ensity	Acres	Stand Age	BA Range	Managed 9	Site	General Comments
30	42110 - Plai	nted Red Pi	ine	Sawtimb	oer Well	8.1	88	171-200	N/A		Part of larger stand in Compartment 16 that goes right to the shoreline of
	Canopy Species	% Cover	Size Class	DBI	H Age	Cano	py Species	Density	Avg. Height	Size	Cornwall flooding.
	Red Pine	95	Log/Pole	10	88	Ва	alsam Fir	Low	10 - 20 feet	Sapling	
						Re	ed Maple	Low	5 - 10 feet	Sapling	
31	6124 - Lowla	and Spruce-	-Fir Po	oletimbe	r Medium	3.0	92	1-50	N/A		Part of the stand has died out due to high water from beaver activity over
	Canopy Species	% Cover	Size Class	DBI	H Age	Cano	py Species	Density	Avg. Height	Size	the years.
	Black Spruce	20	Pole	8	92	T	ag Alder	Medium	5 - 10 feet	Tall Shrub	
No	rthern White Cedar	25	Log/Pole	10	92	Ва	alsam Fir	Medium	10 - 20 feet	Sapling	
	Balsam Fir	35	Pole	8	92						
	White Pine	20	Log/Pole	12							
32	42110 - Plai	nted Red Pi	ine Sa	awtimbe	r Medium	9.3	88	51-80	N/A		2012 - Stand had a shelterwood cut in 2012. Original Year of Origin
	Canopy Species	% Cover	Size Class	DBI	H Age	Cano	py Species	Density	Avg. Height	Size	was 1931.
	Red Pine	95	Log	16	88	Re	ed Maple	Low	10 - 20 feet	Sapling	
							Beech	Low	10 - 20 feet	Sapling	
						Ba	alsam Fir	Low	10 - 20 feet	Sapling	
33	4134 - Aspe	en, Spruce/I	Fir I	Poletiml	oer Well	38.8	37	51-80	N/A		OI Stand Year Origin was 1982. This stand has turned out to be quite
	Canopy Species	% Cover	Size Class	DBI	H Age	Cano	py Species	Density	Avg. Height	Size	variable throughout.
	Quaking Aspen	45	Pole/Sapling	g 7	37	Ва	alsam Fir	Medium	Variable	Sapling	
	Red Maple	10	Pole/Sapling	g 6	37	Re	ed Maple	Medium	10 - 20 feet	Sapling	
	Balsam Fir	25	Pole/Sapling	g 6	37	T	ag Alder	Medium	5 - 10 feet	Tall Shrub	
	White Spruce	10	Log/Pole	10		W	hite Pine	Low	5 - 10 feet	Sapling	
	Paper Birch	7	Pole/Sapling	g 6							
34	42200 - Natu	ural White P	ine	Poletiml	oer Well	5.2	79	51-80	N/A		Natural pine with some cedar along shoreline to Cornwall Flooding.
	Canopy Species	% Cover	Size Class	DBI	H Age	Cano	py Species	Density	Avg. Height	Size	
	White Pine	70	Log/Pole	10	79	W	hite Pine	Low	5 - 10 feet	Sapling	
	Balsam Fir	10	Pole	8		Re	ed Maple	Low	5 - 10 feet	Sapling	
	Red Maple	10	Pole	8		Ва	alsam Fir	Low	5 - 10 feet	Sapling	
35	500 -	- Water		Nonst	ocked	56.3		Unspecified	No		Cornwall Flooding
36	6120 - Lov	wland Ceda	r	Poletiml	per Well	4.0	109	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBI	H Age	Cano	py Species	Density	Avg. Height	Size	
No	rthern White Cedar	60	Pole/Log	9	109	Т	ag Alder	Low	5 - 10 feet	Tall Shrub	
	Black Spruce	15	Pole	8	109	Ва	alsam Fir	Low	5 - 10 feet	Sapling	
	Tamarack	10	Pole	8							
	Balsam Fir	10	Pole	8							



Stand	Level 4 C	over Type	;	Size De	nsity	Acres	Stand Age	BA Range	Managed	Site	General Comments
37	4130	- Aspen	P	oletimb	er Well	3.3	54	81-110	N/A		Small acrage on steep hillside
	Canopy Species	% Cover	Size Class	DBH	l Age	Cano	py Species	Density	Avg. Height	Size	
	Bigtooth Aspen	85	Log/Pole	10	54	Re	d Maple	Low	10 - 20 feet	Sapling	
	Red Maple	10	Pole	8		Wh	nite Pine	Low	10 - 20 feet	Sapling	
38	4199 - Other Mixe	d Upland D	eciduous P	oletimb	er Well	2.6	72	51-80	N/A	1	OPIC - FMD: Black Locust grove near Inspiration Point. Year of Origin is
	Canopy Species	% Cover	Size Class	DBH	l Age						an estimate.
	Black Locust	100	Pole/Sapling	7	72						
39	42290 - Natu	ıral Mixed F	Pine P	oletimb	er Poor	2.2	49	1-50	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Cano	py Species	Density	Avg. Height	Size	
	Jack Pine	35	Pole/Sapling	6	49	Wh	ite Pine	Low	< 5 feet	Sapling	
	White Pine	50	Pole	8	49	Re	d Maple	Low	5 - 10 feet	Sapling	
				,		Та	g Alder	Low	< 5 feet	Tall Shrub	
40	622 - Lov	vland Shrub	)	Nonsto	ocked	6.5		Unspecified	No		Tag alder brush around Cornwall Pond. Sparse trees including some Siberian Crab.
						Cano	py Species	Density	Avg. Height	Size	
						Та	g Alder	High	5 - 10 feet	Tall Shrub	
							ing Aspen	Low	>20 feet	Pole	
							rican Elm	Low	>20 feet	Pole	
						Blac	k Cherry	Low	>20 feet	Pole	
41	500 -	- Water		Nonsto	ocked	5.1		Unspecified	No		Cornwall Pond
42	3105 - Mixed Uլ	pland Herba	aceous	Nonsto	ocked	1.3		Unspecified	No		Scattered trees, mixed grass and shrubs
							py Species	Density	Avg. Height	Size	
						Mixes Se	dges/Grasse	es High	Unspecified	Non-Wood	
						Brac	ken Fern	Low	Unspecified	Non-Wood	
43	4319 - Mixed			oletimb			79	51-80	N/A		Stand Year Origin was 1940. Hillsides above wet run facing the road on both sides for a ways. No management because of slope, wet ground,
	Canopy Species		Size Class		Age		py Species	Density	Avg. Height	Size	and travel influence. Good retention stand.
	Quaking Aspen	45	Log/Pole	10	79		d Maple	Low	5 - 10 feet	Sapling	
No	rthern White Cedar	25	Pole	8	79		Isam Fir	Low	5 - 10 feet	Sapling	
	White Pine	20	Pole/Sapling	7		Wh	ite Pine	Low	5 - 10 feet	Sapling	



Stand	d Level 4 C	4 Cover Type		Size D	ensity	Acres	Stand Age	BA Range	Managed Site		General Comments  Stand Year Origin was 1972.
44	4134 - Asp	4134 - Aspen, Spruce/Fir			ber Well	42.3	47	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBI	H Age	Cano	py Species	Density	Avg. Height	Size	
	Quaking Aspen	50	Pole	8	47	Ba	alsam Fir	High	>20 feet	Sapling	
	Red Maple	10	Pole/Sapling	g 8	47	Re	ed Maple	Low	>20 feet	Sapling	
	Balsam Fir	20	Pole/Sapling	g 7	47						
	White Pine	10	Pole/Sapling	g 7							
	Paper Birch	8	Pole	8							
45	6120 - Lo	wland Ceda	ır l	Poletimb	oer Poor	3.6	79	1-50	N/A		Wet drainage along Osmun Rd. flowing into Cornwall Creek.
	Canopy Species	% Cover	Size Class	DBI	H Age	Cano	py Species	Density	Avg. Height	Size	
No	orthern White Cedar	70	Pole/Sapling	g 6	79	Т	ag Alder	Medium	5 - 10 feet	Tall Shrub	
	Black Spruce	20	Sapling/Pole	e 6		W	llow spp.	Low	< 5 feet	Tall Shrub	
		20 Caping 1 old					ck Spruce	Low	< 5 feet	Sapling	
46	42110 - Pla	nted Red P	ine Sa	awtimbe	r Medium	n 3.9	86	51-80	N/A		CCC era Red Pine. Stand was selectively cut in 2003.
	Canopy Species	% Cover	Size Class	DBI	H Age	Cano	py Species	Density	Avg. Height	Size	
	Red Pine	90	Log	16	86		Beech	Low	5 - 10 feet	Sapling	
	White Pine	10	Log	15		Re	ed Maple	Medium	5 - 10 feet	Sapling	
						White Pine		Low	5 - 10 feet	Sapling	
47	4130	- Aspen		Saplin	g Well	3.4	16	Immature	N/A		Stand Year Origin was 2003
	Canopy Species	% Cover	Size Class	DBI	H Age	Cano	py Species	Density	Avg. Height	Size	
	Quaking Aspen	75	Sapling	1	16	Su	gar Maple	Low	5 - 10 feet	Sapling	
	Red Maple	15	Sapling	1		Re	ed Maple	Medium	5 - 10 feet	Sapling	
	Paper Birch	7	Sapling	1			Beech	Low	5 - 10 feet	Sapling	
48	4110 - Sugar N	/laple Assoc	ciation	Sawtimb	oer Well	13.1	98	81-110	N/A		Part of larger stand to the east in Compartment 18 that was selectively in 2007 as part of the Cornwall Hardwoods sale. Residual BA taken at the
	Canopy Species	% Cover	Size Class	DBI	H Age	Cano	py Species	Density	Avg. Height	Size	time of the sale cruise had it at 90 BA.
	Sugar Maple	45	Log/Pole	10	98	W	hite Ash	Low	5 - 10 feet	Sapling	
	Basswood	40	Log/Pole	12	98		Beech	Low	5 - 10 feet	Sapling	
	Beech	10	Log/Pole	10	98	Su	gar Maple	Low	5 - 10 feet	Sapling	
		, ,				Ir	onwood	Low	5 - 10 feet	Sapling	
49	42110 - Pla	nted Red P	ine	Sawtimb	per Well	4.6	86	81-110	N/A		CCC era Red Pine. Stand was selectively cut in 2003
	Canopy Species	% Cover	Size Class	DBI	H Age	Cano	py Species	Density	Avg. Height	Size	
	Red Pine	95	Log	16	86		Beech	Low	5 - 10 feet	Sapling	
		· · · · · · · · · · · · · · · · · · ·				Ва	alsam Fir	Low	5 - 10 feet	Sapling	
							ed Maple		5 - 10 feet	Sapling	



Stand	Level 4 Cover Type			Size De	ensity	Acres Stand Age BA Range			Managed	Site	General Comments
50	622 - Lov	wland Shrub	0	Nonst	ocked	40.1		Unspecified	No		Periodically floods from beaver activity which heavily affects the type and
						Cano	py Species	Density	Avg. Height	Size	composition of vegetation.
						Ta	ag Alder	Medium	< 5 feet	Tall Shrub	
						Wi	illow spp.	Low	< 5 feet	Tall Shrub	
51	42110 - Pla	inted Red P	ine	Sawtimb	oer Well	20.1	87	81-110	N/A		CCC era Red Pine. Stand was selectively cut in 2003.
	Canopy Species	% Cover	Size Class	DBI	H Age	Cano	py Species	Density	Avg. Height	Size	
	Red Pine	100	Log	16	87		Beech	Low	5 - 10 feet	Sapling	
				,		Ва	alsam Fir	Low	5 - 10 feet	Sapling	
						W	hite Pine	Low	5 - 10 feet	Sapling	
						Re	ed Maple	Low	5 - 10 feet	Sapling	
52	4112 - Maple Asso	, Beech, Ch ociation	nerry	Sapling	Medium	54.2	7	1-50	N/A		Stand selectively harvested in 2003. 2012 - Stand had a seed tree cut done 2012. Original year of origin was 1931 which was planted Red
	Canopy Species	% Cover	Size Class	DBI	H Age	Cano	py Species	Density	Avg. Height	Size	Pine.
	Beech	40	Sapling	2	7		Beech	Low	Variable	Sapling	
	Red Pine	10	XLog	18	88	Qual	king Aspen	Low	5 - 10 feet	Sapling	
	Sugar Maple	20	Sapling	2	7	R	ed Pine	Low	< 5 feet	Sapling	
53	4130	- Aspen		Saplin	g Well	26.9	18	Immature	N/A		Stand Year Origin was 2001
	Canopy Species	% Cover	Size Class	DBI	H Age	Cano	py Species	Density	Avg. Height	Size	
	Quaking Aspen	90	Sapling	2	18	Re	ed Maple	Medium	5 - 10 feet	Sapling	
	Red Maple	10	Sapling	2	18	Ва	alsam Fir	Low	5 - 10 feet	Sapling	
						Pa	per Birch	Low	5 - 10 feet	Sapling	
54	42330 -	Upland Fir		Poletim	oer Wel	l 13.2	81	51-80	N/A		Stand Year Origin was 1938. Strip left uncut along shoreline of Cornwall
	Canopy Species	% Cover	Size Class	DBI	H Age	Cano	py Species	Density	Avg. Height	Size	Flooding.
	Balsam Fir	65	Pole	8	81	Ва	alsam Fir	Medium	10 - 20 feet	Sapling	
	White Spruce	15	Log/Pole	10	81			1			•
	White Pine	10	Log/Pole	10							
55	3105 - Mixed U	pland Herb	aceous	Nonst	ocked	4.4		Unspecified	No		Popular camping spot near south access to Cornwall Flooding.
						Cano	py Species	Density	Avg. Height	Size	
						Mixe	ed Grasses	Full	Unspecified	Non-Wood	



Stan	Level 4 Cover Type			Size Density		Acres	res Stand Age BA Ra		BA Range Managed Site		General Comments
56	42290 - Natural Mixed Pine		Pine P	oletimb	er Well	2.5	57	51-80	N/A		OPIC - FMD: Shoreline stand being impacted by beavers.
	Canopy Species	% Cover	Size Class	DBH	l Age	Cano	py Species	Density	Avg. Height	Size	
	White Pine	45	Log/Pole	10	57	W	hite Pine	Low	5 - 10 feet	Sapling	
	Jack Pine	20	Pole	8		Ba	Isam Fir	Low	5 - 10 feet	Sapling	
	Red Pine	10	Pole	8		Re	ed Maple	Low	5 - 10 feet	Sapling	
	Quaking Aspen	15	Log/Pole	10							
	Red Maple	10	Pole	8							
57	4110 - Sugar N	Maple Assoc	ciation S	awtimb	er Well	54.9	98	81-110	N/A		Part of a larger stand to the west in Comp. 16 2014 33 Hardwoods,
	Canopy Species	% Cover	Size Class	DBH	l Age	Cano	py Species	Density	Avg. Height	Size	#53-022-08-01, finished in 2010-11. Any future treatments will be done with that stand as well. Residual BA from the last cut was 85 BA.
	Sugar Maple	45	Log/Pole	10	98		Beech	Low	5 - 10 feet	Sapling	7.11.01.01.01.01.00.00.00.00.00.00.00.00.
	Basswood	40	Log/Pole	12	98	W	hite Ash	Medium	5 - 10 feet	Sapling	
	Beech	12	Log/Pole	12		Suç	gar Maple	Low	5 - 10 feet	Sapling	
								Madium	5 - 10 feet	Sapling	
58	42111 - Planted	,	Mixed Sav	vtimbe	r Mediur		onwood 87	Medium 51-80	N/A	Saping	Jack Pine has died and fallen out of the stand.
58		iduous	Mixed Sav		r Mediur	n 4.2				Size	Jack Pine has died and fallen out of the stand.
58	Dec	iduous				n 4.2	87	51-80	N/A		Jack Pine has died and fallen out of the stand.
58	Canopy Species	ciduous % Cover	Size Class	DBI	l Age	m 4.2 Cand	87 ppy Species	51-80  Density	N/A Avg. Height	Size	Jack Pine has died and fallen out of the stand.
58	Canopy Species Red Pine	% Cover	Size Class	<b>DB</b> I	l Age	m 4.2 Cano Sug Re	87 ppy Species gar Maple	51-80  Density  Medium	N/A  Avg. Height  10 - 20 feet	Size Sapling	Jack Pine has died and fallen out of the stand.
	Canopy Species Red Pine Quaking Aspen Red Maple	**Cover 70 20 10	Size Class Log Log/Pole Pole	<b>DBH</b> 16 10	87	m 4.2 Cano Sug Re	87  Ppy Species gar Maple dd Maple Beech	51-80  Density  Medium  Medium	N/A  Avg. Height 10 - 20 feet 10 - 20 feet	Size Sapling Sapling	Jack Pine has died and fallen out of the stand.  End of larger stand to the west.
	Canopy Species Red Pine Quaking Aspen Red Maple	**Cover 70 20 10	Size Class Log Log/Pole Pole	16 10 8	87	Canc Sug Re	87  Ppy Species gar Maple dd Maple Beech	51-80  Density  Medium  Medium  Low	N/A  Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet	Size Sapling Sapling	
	Canopy Species Red Pine Quaking Aspen Red Maple	**Cover 70 20 10	Size Class Log Log/Pole Pole	16 10 8	87	Canc Sug Re	87  Ppy Species gar Maple ed Maple Beech	51-80  Density  Medium  Medium  Low  Unspecified	N/A  Avg. Height  10 - 20 feet  10 - 20 feet  10 - 20 feet  No	Size Sapling Sapling Sapling	
	Canopy Species Red Pine Quaking Aspen Red Maple	**Cover 70 20 10	Size Class Log Log/Pole Pole	16 10 8	87	Canc Suç Re 0.9	87  ppy Species gar Maple ed Maple Beech  ppy Species	51-80  Density  Medium  Medium  Low  Unspecified  Density	N/A  Avg. Height  10 - 20 feet  10 - 20 feet  10 - 20 feet  No  Avg. Height	Size Sapling Sapling Sapling	
	Canopy Species Red Pine Quaking Aspen Red Maple	**Cover 70 20 10	Size Class Log Log/Pole Pole	16 10 8	87	Cand Sug Re 0.9 Cand Sug Ba	87  Ppy Species gar Maple ed Maple Beech  Ppy Species gar Maple	51-80  Density  Medium  Medium  Low  Unspecified  Density  Low	N/A  Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet No  Avg. Height 5 - 10 feet	Size Sapling Sapling Sapling Sapling	
58 59	Canopy Species Red Pine Quaking Aspen Red Maple  3303 - Mixed L	**Cover 70 20 10	Size Class  Log  Log/Pole  Pole  Trees	16	87	Cand Sug Re 0.9 Cand Sug Ba	87  ppy Species gar Maple ad Maple Beech  ppy Species gar Maple asswood	Density Medium Medium Low Unspecified Density Low Low	N/A  Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet No  Avg. Height 5 - 10 feet >20 feet	Size Sapling Sapling Sapling Size Sapling Pole	End of larger stand to the west.  Southwest corner had suffered browse damage early after last
59	Canopy Species Red Pine Quaking Aspen Red Maple  3303 - Mixed L	% Cover 70 20 10 20 now Density	Size Class  Log  Log/Pole  Pole  Trees	DBH 16 10 8 Nonsto	87 87 cocked	Canc Sug Re 0.9 Canc Sug Ba In	87  Papy Species  gar Maple  dd Maple  Beech  Papy Species  gar Maple  asswood  ponwood	Density Medium Medium Low Unspecified Density Low Low Low Low	N/A  Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet  No  Avg. Height 5 - 10 feet >20 feet 5 - 10 feet	Size Sapling Sapling Sapling Size Sapling Pole	End of larger stand to the west.
59	Canopy Species Red Pine Quaking Aspen Red Maple  3303 - Mixed L	% Cover 70 20 10 cow Density	Size Class  Log  Log/Pole  Pole  Trees	DBH 16 10 8 Nonsto	A Age 87 Cocked	n 4.2  Canc Su Re  0.9  Canc Su Ba Ir  40.6  Canc	87  Appy Species  gar Maple  ed Maple  Beech  Appy Species  gar Maple  asswood  onwood  35	Density Medium Medium Low Unspecified Density Low Low Low Low	N/A  Avg. Height  10 - 20 feet  10 - 20 feet  10 - 20 feet  No  Avg. Height  5 - 10 feet  >20 feet  N/A	Size Sapling Sapling Sapling Size Sapling Pole Sapling	End of larger stand to the west.  Southwest corner had suffered browse damage early after last
59	Canopy Species Red Pine Quaking Aspen Red Maple  3303 - Mixed L  4130  Canopy Species	% Cover 70 20 10 .ow Density - Aspen % Cover	Size Class  Log  Log/Pole  Pole  Trees	DBH 16 10 8 Nonste	A Age 87 Pocked Pocked Pocked 8 Pocked	n 4.2  Canc Sug Re  0.9  Canc Sug Ba Ir  40.6  Canc	87  Propy Species gar Maple Beech  Propy Species gar Maple asswood pnwood  35  Propy Species	Density Medium Medium Low Unspecified Density Low Low Low Low Density	N/A  Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet  No  Avg. Height 5 - 10 feet >20 feet 5 - 10 feet  N/A  Avg. Height	Size Sapling Sapling Sapling Size Sapling Pole Sapling	End of larger stand to the west.  Southwest corner had suffered browse damage early after last
59	Canopy Species Red Pine Quaking Aspen Red Maple  3303 - Mixed L  4130  Canopy Species  Bigtooth Aspen	**Cover 70 20 10 10 **Cover **Cover 8 30 **C	Size Class  Log  Log/Pole  Pole  Trees  Pole  Size Class  Pole/Sapling	DBH 16 10 8 Nonste	ocked  lacked  oer Well  days  35	n 4.2  Cano Sug Re  0.9  Cano Sug Be In  40.6  Cano Re Sug	87  Propy Species gar Maple ed Maple Beech  Propy Species gar Maple asswood ponwood  35  Propy Species ed Maple	Density Medium Medium Low Unspecified Density Low Low Low Low Density Medium	N/A  Avg. Height  10 - 20 feet  10 - 20 feet  10 - 20 feet  No  Avg. Height  5 - 10 feet  >20 feet  N/A  Avg. Height  >20 feet	Size Sapling Sapling Sapling Size Sapling Pole Sapling Size Sapling	End of larger stand to the west.  Southwest corner had suffered browse damage early after last



tand	Level 4 Cover Type			Size De	ensity	Acres	Stand Age	BA Range	Managed Site		General Comments
61	42110 - Plar	nted Red P	ine	Sawtimb	er Wel	l 18.8	86	51-80	N/A		Stand was selectively cut in 2003.
	Canopy Species	% Cover	Size Class	DBł	l Age	Cano	py Species	Density	Avg. Height	Size	
	Red Pine	95	Log	16	86	Re	ed Maple	Low	>20 feet	Sapling	
							Beech	Medium	10 - 20 feet	Sapling	
						R	ed Pine	Low	5 - 10 feet	Sapling	
						Sug	gar Maple	Low	10 - 20 feet	Sapling	
						Ва	alsam Fir	Medium	>20 feet	Sapling	
62	4130 -	Aspen		Sapling	Medium	n 25.2	5	Immature	N/A		Stand Year Origin was 2014
-	Canopy Species	% Cover	Size Class	DBH	H Age						
(	Quaking Aspen	70	Sapling	1	5						
	Red Maple	15	Sapling	1	5						
	Balsam Fir	10	Sapling	1							
63	6112 - Low	/land Aspe	n P	oletimbe	r Mediu	ım 5.3	59	51-80	N/A		Wet Aspen stand bordering Cornwall Creek marsh along Osmun Road
-	Canopy Species	% Cover	Size Class	DBI	l Age	Cano	py Species	Density	Avg. Height	Size	
(	Quaking Aspen	60	Log/Pole	10	59	Ва	alsam Fir	Low	10 - 20 feet	Sapling	
	Red Maple	15	Pole	8		Re	ed Maple	Low	10 - 20 feet	Sapling	
	White Pine	15	Log/Pole	12				1			
	Balsam Fir	10	Pole/Sapling	g 7							
64	6132 - Mixed Lov Ce	wland Fore	est with	Poletimb	er Poo	r 22.8	86	51-80	N/A		OPIC - FMD: OI Stand Year Origin was 1972
	Canopy Species	% Cover	Size Class	DBI	l Age	Cano	py Species	Density	Avg. Height	Size	
	Black Spruce	20	Pole	8	86	Ва	alsam Fir	Low	10 - 20 feet	Sapling	
(	Quaking Aspen	30	Log/Pole	10	86	Re	ed Maple	Low	10 - 20 feet	Sapling	
Nort	thern White Cedar	25	Log/Pole	10	86	Ta	ag Alder	Low	5 - 10 feet	Tall Shrub	
	Red Maple	15	Pole	8				·			
65	3105 - Mixed Up	land Herb	aceous	Nonst	ocked	0.7		Unspecified	No		OPIC - FMD: Popular camping spot near south access to Cornwall Flooding. Treat encroaching hardwood.
						Cano	py Species	Density	Avg. Height	Size	The same of the sa
							edges/Grasse	es High	Unspecified	Non-Wood	
						Bra	cken Fern	Low	Unspecified	Non-Wood	
							07	Immature	N/A		Regeneration after prescribed burn that got too hot and killed a bunch of
66	4130 -	Aspen		Saplin	_	7.5	27				. Ped Pine resulting in a salvage cut
	4130 - Canopy Species	•	Size Class	•	g Well <b>I Age</b>		opy Species	Density	Avg. Height	Size	Red Pine resulting in a salvage cut.
(		•	Size Class Sapling	•	_	Cano			Avg. Height	<b>Size</b> Sapling	Red Pine resulting in a salvage cut.
(	Canopy Species	% Cover		DBI	l Age	<b>Can</b> d Sug	py Species	Density			Red Pine resulting in a salvage cut.
	Canopy Species Quaking Aspen	<b>% Cover</b> 60	Sapling	<b>DB</b> l	l Age	<b>Canc</b> Suç	ppy Species gar Maple	<b>Density</b> Low	10 - 20 feet	Sapling	Red Pine resulting in a salvage cut.



Stand	Level 4 C	over Type	S	Size Density		Acres	Acres Stand Age BA Range			Site	General Comments
67	3105 - Mixed U	oland Herb	aceous	Nonst	ocked	0.7	U	nspecified	No		Small opening along Osmun Rd. Annual deer camp in deer season.
						Canop	y Species	Density	Avg. Height	Size	
					Ī	Mixes Sec	dges/Grasses	High	Unspecified	Non-Wood	
						Brac	ken Fern	Low	Unspecified	Non-Wood	
68	8 4134 - Aspen, Spruce/Fir				er Well	36.4	47	51-80	N/A		Stand Year Origin was 1972. Pretty much the same as stand 44. Stand 44 is going to be treated. Wait one more rotation on this stand to break
(	Canopy Species	% Cover	Size Class	DBH	l Age	Canor	y Species	Density	Avg. Height	Size	up the age class a bit into small acreage.
C	Quaking Aspen	40	Pole	8	47	Bal	sam Fir	Medium	10 - 20 feet	Sapling	
	Red Maple	30	Pole	8	47	Red	d Maple	Medium	10 - 20 feet	Sapling	
	Balsam Fir	20	Pole	8	47						
	Paper Birch	7	Pole	8							
69	6120 - Lov	wland Ceda	ar P	oletimb	er Well	22.2	119	81-110	N/A		Fairly wet stand.
(	Canopy Species	% Cover	Size Class	DBH	l Age	Canor	y Species	Density	Avg. Height	Size	
Nort	thern White Cedar	80	Pole	8	119	Black	Spruce	Low	< 5 feet	Sapling	
	Black Spruce	10	Pole	8		Bal	sam Fir	Low	< 5 feet	Sapling	
	Tamarack	7	Pole	8	-					, , ,	
70	4130	- Aspen	P	oletimb	er Well	12.0	37	1-50	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Canor	y Species	Density	Avg. Height	Size	
	Quaking Aspen	90	Pole/Sapling	6	37		sam Fir	Medium	>20 feet	Sapling	
	Balsam Fir	10	Pole/Sapling	6	37	Red	d Maple	Low	10 - 20 feet	Sapling	
71	622 - Lov	/land Shrub	)	Nonst	ocked	5.9	U	nspecified	No		
					Ī	Canor	y Species	Density	Avg. Height	Size	
							g Alder	High	5 - 10 feet	Tall Shrub	
							White Cedar	Low	10 - 20 feet	Sapling	
					-		Spruce	Low	5 - 10 feet	Sapling	
72	42350 - Up	and Hemic	ock S	awtimb	er Well	8.1	98	51-80	N/A		Larger part of this stand extends into Compartment 16.
	<u>_</u>									Size	Larger part of this stand extends into Compartment 16.
	42350 - Up Canopy Species Hemlock		Size Class Log/Pole	DBH	l Age	Canor	98  by Species eech	51-80  Density  Low	N/A  Avg. Height  5 - 10 feet		Larger part of this stand extends into Compartment 16.
	Canopy Species Hemlock	% Cover	Size Class		l Age	<b>Cano</b> p	by Species eech	Density	Avg. Height	Size Sapling	Larger part of this stand extends into Compartment 16.
	Canopy Species	% Cover	Size Class Log/Pole	<b>DB</b> I 12	l Age	<b>Cano</b> p B Suga	y Species	<b>Density</b> Low	Avg. Height 5 - 10 feet	Size	Larger part of this stand extends into Compartment 16.
	Canopy Species Hemlock Red Maple	% Cover	Size Class Log/Pole Pole	<b>DB</b> I 12	98	<b>Canor</b> B Suga	eech ar Maple	Density Low Low	Avg. Height 5 - 10 feet 5 - 10 feet	Size Sapling Sapling	Larger part of this stand extends into Compartment 16.
	Canopy Species Hemlock Red Maple	% Cover 80 10	Size Class Log/Pole Pole	12 8	98	Canop B Suga Iro	eech ar Maple	Low Low Low	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet	Size Sapling Sapling	Larger part of this stand extends into Compartment 16.



Stand	Level 4 C	Size D	ensity	Acres	Stand Age	BA Range	Managed Site		General Comments					
74	6128 - Lowland Coniferous, Mixed Deciduous			Poletimber Well		5.3	110	81-110	N/A					
	Canopy Species	% Cover	Size Class	DB	H Age	Cano	py Species	Density	Avg. Height	Size				
No	rthern White Cedar	35	Pole	9	110		alsam Fir	Medium	10 - 20 feet	Sapling				
	Hemlock	30	Log/Pole	10	110	Re	ed Maple	Low	10 - 20 feet	Sapling				
	Red Maple	15	Pole	8		Su	gar Maple	Low	5 - 10 feet	Sapling				
	·		Pole/Sapling	g 8							-			
75	3303 - Mixed L	ow Density	/ Trees	Nons	tocked	6.0	35	Unspecified	No		Part of stand 70 that never regenerated well after it was cut			
							py Species	Density	Avg. Height	Size				
						F	lemlock	Low	>20 feet	Pole				
						W	hite Pine	Low	>20 feet	Pole				
					Ī	Re	ed Maple	Low	5 - 10 feet	Sapling				
						Ir	onwood	Low	5 - 10 feet	Sapling				
					Ī	Ва	alsam Fir	Low	10 - 20 feet	Sapling				
						Bla	ck Cherry	Low	10 - 20 feet	Pole				
						R	ed Pine	Low	5 - 10 feet	Sapling				
76	500 -	- Water		Nons	tocked	6.5		Unspecified	No		Hemlock Lake			
77	42350 - Up	land Hemi	ock	Poletimber Well		21.6	98	81-110	N/A		Heavy Hemlock pocket around Hemlock Lake.			
	Canopy Species	% Cover	Size Class	DB	H Age	Cano	py Species	Density	Avg. Height	t Size				
	Hemlock	70	Log/Pole	12	98		Beech	Low	< 5 feet	Sapling				
	Sugar Maple	10	Pole	8		Ir	onwood	Low	5 - 10 feet	Sapling				
	Basswood	10	Log/Pole	10							-			
78	4110 - Sugar M	/laple Asso	ciation	Sawtim	ber Well	53.1	98	81-110	N/A		Stand was selectively cut in 2015-16 as part of the Chaffee Trail			
	Canopy Species	% Cover	Size Class	DB	H Age	Cano	py Species	Density	Avg. Height	Size	Hardwood sale. Residual BA was taken at the time of cruising and cam out to be about 85 BA.			
	Sugar Maple	50	Log/Pole	10	98		Beech	Low	< 5 feet	Sapling				
	Basswood	35	Log/Pole	12	98	Ir	onwood	Low	< 5 feet	Sapling				
	Beech	8	Log/Pole	10		Su	gar Maple	Low	< 5 feet	Sapling				
79	4130	- Aspen		Saplir	ng Well	8.4	5	Immature	N/A		Stand Year Origin was 2014			
	Canopy Species	% Cover	Size Class	DB	H Age	Cano	py Species	Density	Avg. Height	Size				
	Quaking Aspen	90	Sapling	1	5	Re	ed Maple	Low	< 5 feet	Sapling				
	Red Maple 10 Sapling			1 5		red Maple		1			1			



Stand	Level 4 C	over Type		Size D	Density	Acres	Stand Age	BA Range	Managed 9	Site	General Comments
80	4119 - Mixed No	orthern Hard	dwoods		ber Poor		91	1-50	N/A		OPIC - FMD: Stand was selectively cut in 2004. This will be the final entry for pine. Any combination of Red Pine, Jack Pine, Aspen, mixed
	Canopy Species		Size Class		H Age	Can	opy Species	Density	Avg. Height	Size	hardwood, Oak and White Pine will be acceptable for regeneration. Seed
	Sugar Maple	67	Log/Pole	10			Beech	Low	< 5 feet	Sapling	tree cut in 2012, hardwood may dominate the site in time.
	Red Pine	15	Log	15	5	V	hite Ash	Low	< 5 feet	Sapling	2016 Harvest is done, stand data updated although estimated, no field
	Red Maple	10	Pole/Log	9		lı	onwood	Medium	5 - 10 feet	Sapling	check. Red pine residual scattered infrequently throughout. This is now a
						Su	gar Maple	Low	< 5 feet	Sapling	low-stocked hardwood stand.
						W	hite Pine	Low	< 5 feet	Sapling	
81	4134 - Aspe	en, Spruce/	/Fir	Poletim	nber Well	5.2	37	1-50	N/A		Stand Year Origin was 1982. Treat with stand 68 next entry.
	Canopy Species	% Cover	Size Class	DE	H Age	Can	py Species	Density	Avg. Height	Size	
	Quaking Aspen	65	Pole/Saplin	ig 7	37	В	alsam Fir	Medium	>20 feet	Sapling	
	Balsam Fir	25	Pole/Saplin	ig 7	37	R	ed Maple	Low	10 - 20 feet	Sapling	
No	rthern White Cedar	10	Pole	8	1		•				
82	6128 - Lowland Dec	Coniferous,	, Mixed	Poletim	nber Well	26.6	99	51-80	N/A		Wet swamp.
	Canopy Species	% Cover	Size Class	DE	H Age	Can	py Species	Density	Avg. Height	Size	
No	rthern White Cedar	40	Pole/Log	9	99	В	alsam Fir	Medium	10 - 20 feet	Sapling	
	Black Spruce	20	Pole	8	99	Т	ag Alder	Low	5 - 10 feet	Tall Shrub	
	Quaking Aspen	15	Log/Pole	10	99						
	Paper Birch	10	Pole	8							
83	6124 - Lowla	and Spruce	-Fir	Sapling	Medium	11.8	34	Immature	N/A		Portion cedar stand that had been cut for winter deer feed over 3
	Canopy Species	% Cover	Size Class	DE	SH Age	Can	py Species	Density	Avg. Height	Size	different cutting periods.
	Balsam Fir	30	Sapling	3	34	Т	ag Alder	High	5 - 10 feet	Tall Shrub	
	Black Spruce	40	Sapling	3	34	W	illow spp.	Low	5 - 10 feet	Sapling	
	Tamarack	15	Sapling	3	34	Bla	ck Spruce	Low	< 5 feet	Sapling	
No	rthern White Cedar	10	Sapling	3	34			,		'	
84	4130	- Aspen		Sapling	Medium	21.2	5	Immature	N/A		Stand Year Origin was 2014.
	Canopy Species	% Cover	Size Class	DE	SH Age						
	Quaking Aspen	75	Sapling	1	5						
	Balsam Poplar	25	Sapling	1	5						
85	3105 - Mixed U	oland Herba	aceous	Nons	tocked	1.5		Unspecified	No		OPIC - FMD: OI Stand Year Origin was
						Can	py Species	Density	Avg. Height	Size	
						Mixes S	edges/Grasse	es High	Unspecified	Non-Wood	
						6,	veet Fern	Low	< 5 feet	Tall Shrub	



Stand	Level 4 C	Level 4 Cover Type			nsity	Acres	Stand Age	BA Range	Managed	Site	General Comments
86	4110 - Sugar N	/laple Asso	ciation	Sawtimb	er Well	53.3	98	81-110	N/A		Stand selectively cut in 2015-16 as part of the Chaffee Trail Hardwood
	Canopy Species % Cover Size Class DBH Age Canopy Species Density		Avg. Height	Size	sale. Residual BA taken during cruise turned out to be just under 110 BA.						
	Sugar Maple			< 5 feet	Sapling						
	Basswood	40	Log/Pole	12	98	В	eech	Low	< 5 feet	Sapling	
	Beech	10	Log/Pole	10	98	Iro	nwood	Low	< 5 feet	Sapling	
87	4110 - Sugar N	/laple Asso	ciation	Sawtimb	er Well	8.3	90	81-110	N/A		Stand selectively cut in 2015-16. Residual BA taken at cruise came out to be 90 BA.
	Canopy Species	% Cover	Size Class	DBH	Age	Canop	y Species	Density	Avg. Height	Size	to be 90 BA.
	Sugar Maple	55	Log/Pole	10	90	В	eech	Low	< 5 feet	Sapling	
	Basswood	40	Log/Pole	12	90	Suga	ar Maple	Low	< 5 feet	Sapling	
		1				Iro	nwood	Low	< 5 feet	Sapling	
88	429 - Mixed l	Jpland Cor	nifers	Sawtimb	er Well	1.8	86	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Canor	y Species	Density	Avg. Height	Size	
	Red Pine	50	Log/Pole	12	86	Bals	sam Fir	Medium	10 - 20 feet	Sapling	
	Balsam Fir	40	Pole	8		Whi	ite Pine	Low	10 - 20 feet	Sapling	
	Red Maple	10	Pole/Saplin	g 8		Re	d Pine	Low	5 - 10 feet	Sapling	
89	3303 - Mixed L	ow Density	Trees	Nonsto	cked	13.2		Unspecified	No		Stand is heavily used by sightseers, scattered Siberian Crabs, trail and parking to Inspiration Point. This stand is not treated with fire.
						Canop	y Species	Density	Avg. Height	Size	parking to inspiration rount. This stand is not treated with inc.
						Blue	Spruce	Low	>20 feet	Log	
						Mixed	l Grasses	High	Unspecified	Non-Wood	
						Mixed Fro	uiting Shrubs	Medium	Unspecified	Non-Wood	
90	3105 - Mixed U	pland Herb	aceous	Nonsto	cked	0.7		Unspecified	Managed C	Opening	Mowed by wildlife in 2018. Before that, nothing done to this opening in
						Canop	y Species	Density	Avg. Height	Size	about 20 years.
						Mixed	l Grasses	High	Unspecified	Non-Wood	
91	3105 - Mixed Up	pland Herb	aceous	Nonsto	cked	0.9		Unspecified	No		
					_	•	y Species	Density	Avg. Height	Size	
						Mixed	l Grasses	High	Unspecified	Non-Wood	
						Bracl	ken Fern	Low	Unspecified	Non-Wood	
						Blackber	ry/Raspberry	/ Low	< 5 feet	Tall Shrub	
92	3105 - Mixed U <sub>l</sub>	pland Herb	aceous	Nonsto	cked	1.0		Unspecified	No		Natural opening
						Canop	y Species	Density	Avg. Height	Size	
						Mixed	l Grasses	High	Unspecified	Non-Wood	
						Bracl	ken Fern	Medium	Unspecified	Non-Wood	



Stand	Level 4 Cover Type	Size Density	Acres Stand Age	BA Range	Managed	Site	General Comments	
93	3301 - Low Density Deciduous Trees	Nonstocked	2.6	Unspecified	No		Natural opening	
			Canopy Species	Density	Avg. Height	Size		
			Mixes Sedges/Grasse	s High	Unspecified	Non-Wood		
			Bracken Fern	Medium	Unspecified	Non-Wood		
		•	Blackberry/Raspberry	/ Medium	< 5 feet	Tall Shrub		
			Pin Cherry	Low	10 - 20 feet	Sapling		
			Quaking Aspen	Low	10 - 20 feet	Sapling		
			Red Maple	Low	10 - 20 feet	Sapling		
94	3105 - Mixed Upland Herbaceous	Nonstocked	4.0	Unspecified	No		Natural opening	
			Canopy Species	Density	Avg. Height	Size		
			Mixes Sedges/Grasse	s High	Unspecified	Non-Wood		
			Bracken Fern	Medium	Unspecified	Non-Wood		
			Blackberry/Raspberry	/ Medium	< 5 feet	Tall Shrub		
95	3102 - Grass	Nonstocked	9.9	Unspecified	Managed C	pening	This has been burned in the past and the recommendation is to burn it	
			Canopy Species	Density	Avg. Height	Size	again.	
			Mixed Grasses	Full	Unspecified	Non-Wood		
96	3105 - Mixed Upland Herbaceous	Nonstocked		Unspecified	Managed C		This stand is part of the CCC opening complex. It was filling in with Siberian Crab, but had about half mechanically removed to help maintain	
			Canopy Species	Density	Avg. Height	Size	the opening. Inspiration point is within this stand along with the	
			Mixed Grasses	High	Unspecified	Non-Wood	accompanying trail.	
			Bracken Fern	Medium	Unspecified	Non-Wood		
			Blackberry/Raspberry	/ Low	< 5 feet	Tall Shrub		
97	2113 - Forage Crops	Nonstocked	7.4	Unspecified	Managed C	pening	Managed opening below Inspiration Point	
			Canopy Species	Density	Avg. Height	Size		
		[	Rye (annual)	High	Unspecified	Non-Wood		
98	2113 - Forage Crops	Nonstocked	6.1	Unspecified	Managed C	pening	Managed opening next to Cornwall Flooding	
			Canopy Species	Density	Avg. Height	Size		
			Rye (annual)	Full	Unspecified	Non-Wood		
99	320 - Upland Shrub	Nonstocked	1.3 0	Unspecified	No		Natural opening between clear cut and swamp.	
	-		Canopy Species	Density	Avg. Height	Size	•	
			Cherry (spp.)	Low	5 - 10 feet	Sapling		
			Balsam Fir	Low	10 - 20 feet	Sapling		
		<u>l</u>				. 3		



Stand	and Level 4 Cover Ty		er Type Size De		nsity	Acres	Stand Age	BA Range	Managed Site		General Comments	
100	622 - Lov	wland Shrul	b	Nonsto	cked	6.9	0	Unspecified	No		Wet swamp. Portions of this stand were part of the winter deer cutting	
						Cano	py Species	Density	Avg. Height	Size	with stand 83. Tag Alder dominates.	
						Ta	ag Alder	Full	5 - 10 feet	Tall Shrub		
						Ва	alsam Fir	Low	>20 feet	Pole		
						Bla	ck Spruce	Low	10 - 20 feet	Sapling		
						W	hite Pine	Low	>20 feet	Pole		
						Bals	am Poplar	Low	10 - 20 feet	Sapling		
101	6120 - Lo	wland Ceda	ar Po	oletimb	er Well	1.1	90	201+	N/A		Part of larger conifer swamp never cut for winter deet feed.	
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size		
No	rthern White Cedar	80	Pole/Log	9	90	Ва	alsam Fir	Medium	Variable	Sapling		
	Balsam Fir	10	Pole/Sapling	7	90							
102	4117 - Mixed N	. Hardwood	d - Pine Sa	awtimb	er Poor	3.7	97	51-80	N/A		A pocket of mature open-grown hardwood and pine in behind old CCC camp.	
	Canopy Species	% Cover			Age	Cano	py Species	Density	Avg. Height	Size	ourip.	
	Sugar Maple	40	Log/Pole	14			Beech	Low	5 - 10 feet	Sapling		
	Basswood	20	Log/Pole	15	97	Ir	onwood	Low	5 - 10 feet	Sapling		
	White Pine	40	Log/Pole	16	97							
103	6122 - B	lack Spruce	e Po	oletimb	er Well	5.1	94	51-80	N/A		OI Stand Year Origin was 1925	
	Canopy Species	% Cover	Size Class	DBH	Age							
	Black Spruce	70	Pole	8	94							
	Tamarack	30	Pole/Sapling	8	94							
104	310 - Herbac	ceous Oper	nland	Nonsto	cked	0.6	0	Unspecified	No			