

Compartment Review Presentation

Gwinn Forest Management Unit

Compartment 32022 Entry Year 2022 Acreage: 2,311

County Marquette
Management Area: Cyr Swamp

Revision Date: 2020-07-23

Stand Examiner: Kristen Matson

Legal Description:

Sections 3-4, 9-10, &15, T44N-R25W, Marquette County

Identified Planning Goals:

To maintain forest health, diversity and sustainability while considering wildlife, fisheries, recreational and environmental needs and concerns. Most of this compartment is part of Cyr Swamp Patterned Fen ERA, an extensive wetland complex of bog or lowland conifers with numerous small to medium sizes upland sand islands of black spruce, jack pine and red pine. A significant portion of the compartment burned in 1986 with the islands regenerated to dense jack pine saplings. The remainder (northwestern) portion of the compartment borders the Escanaba River.

Soil and topography:

Except for the Escanaba River corridor which is rolling to moderately steep, the terrain is mostly flat swampland with small upland sandy "islands" forested with jack pine and black spruce. Soils consist primarily of Carbondale and Tawas mucks with Rubicon and Kalkaska sands on the uplands.

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

This compartment adjoins private land to the north and southwest (camps along the Escanaba River), with State land to the east and south.

Unique Natural Features:

MNFI suggests potential for northern goshawk, red-shouldered hawk, spruce grouse, and black-backed woodpecker. Potential for eagle, osprey, and great blue heron rookery. Potential for northern harrier, American bittern, and yellow rail. Potential for moose and wolf. Potential for frigga fritillary, freija fritillary, and red-disked alpine in bogs. Potential for wood turtle.

Potential for auricled tway-blade, veiny meadow rue, western dock, Farwell's water-milfoil, alternate-leaved water-milfoil, and linear-leaved gentian along riparian areas. Potential for calypso orchid, rayless mountain ragwort, and ram's head lady's-slipper in conifer swamps.

Archeological, Historical, and Cultural Features:

None known.

Special Management Designations or Considerations:

ERA: Cyr Patterned Fen

Watershed and Fisheries Considerations:

Wildlife Habitat Considerations:

Compartment 022 is found within the Cyr Swamp Management Area; which is a Swamp landform in Southeastern Marquette County. The State Forest covers about 9,200 acres and is mostly contiguous. The dominant Natural Communities are poor conifer swamps. Major forest cover types include Mixed Lowland Conifer, Bogs and Treed Bogs. The Cyr Swamp is the largest swamp in WUP on State Forest. The State Forest portion of the swamp is about 9,200 mostly contiguous acres and State Forest makes up the major ownership in this area. The management priority for this area is to maintain and promote the un-fragmented, old forest character nature of this management area. Some of the most significant wildlife management issues in the management area are: early successional forest; coarse woody debris; mature forest; and mast.

The following have been identified as featured species for the Cyr Swamp Management Area: Red-shouldered Hawk, Snowshoe Hare, and white-tailed deer.

Mineral Resource and Development Concerns and/or Restrictions

Sections 3-4, 9-10, &15, T44N-R25W, Marquette County

3/2/2021 8:51:48 AM - Page 1 of 2 DOHMN

No known potential exists for commercial oil & gas production in this part of the state. The closest active sand/gravel pit is more than three miles to the northeast. Much of the compartment is covered by wetlands; potential for sand & gravel development in the compartment is likely limited. Abandoned, historic iron mines are located less than two miles north, and there has been past iron ore exploration within Section 4 in the compartment. Data from past exploration efforts in the vicinity are not currently available. There may be iron ore potential beneath the compartment, but it is likely buried beneath some thickness of Paleozoic sediments and would be less economical to mine compared to the reserves historically mined to the north. There is no current mineral leasing activity in the area. The state does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, reasonable access to the surface must be provided to private owners if they choose to explore or develop their mineral rights.

Vehicle Access:

Vehicle access is limited to the extreme western part of the compartment via the Iron Pin Road. The majority of the compartment is without roads.

Survey Needs:

Recreational Facilities and Opportunities:

Canoeing and fishing on the Escanaba River are very popular. Fair to good deer and small game hunting for those willing to walk.

Fire Protection:

Extremely difficult area to access if a wildfire starts. Most of the compartment burned in the 1986 Rice Lake fire and was very beneficial with essentially no resource damage. Suppression tactics should be minimized in this sensitive area.

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

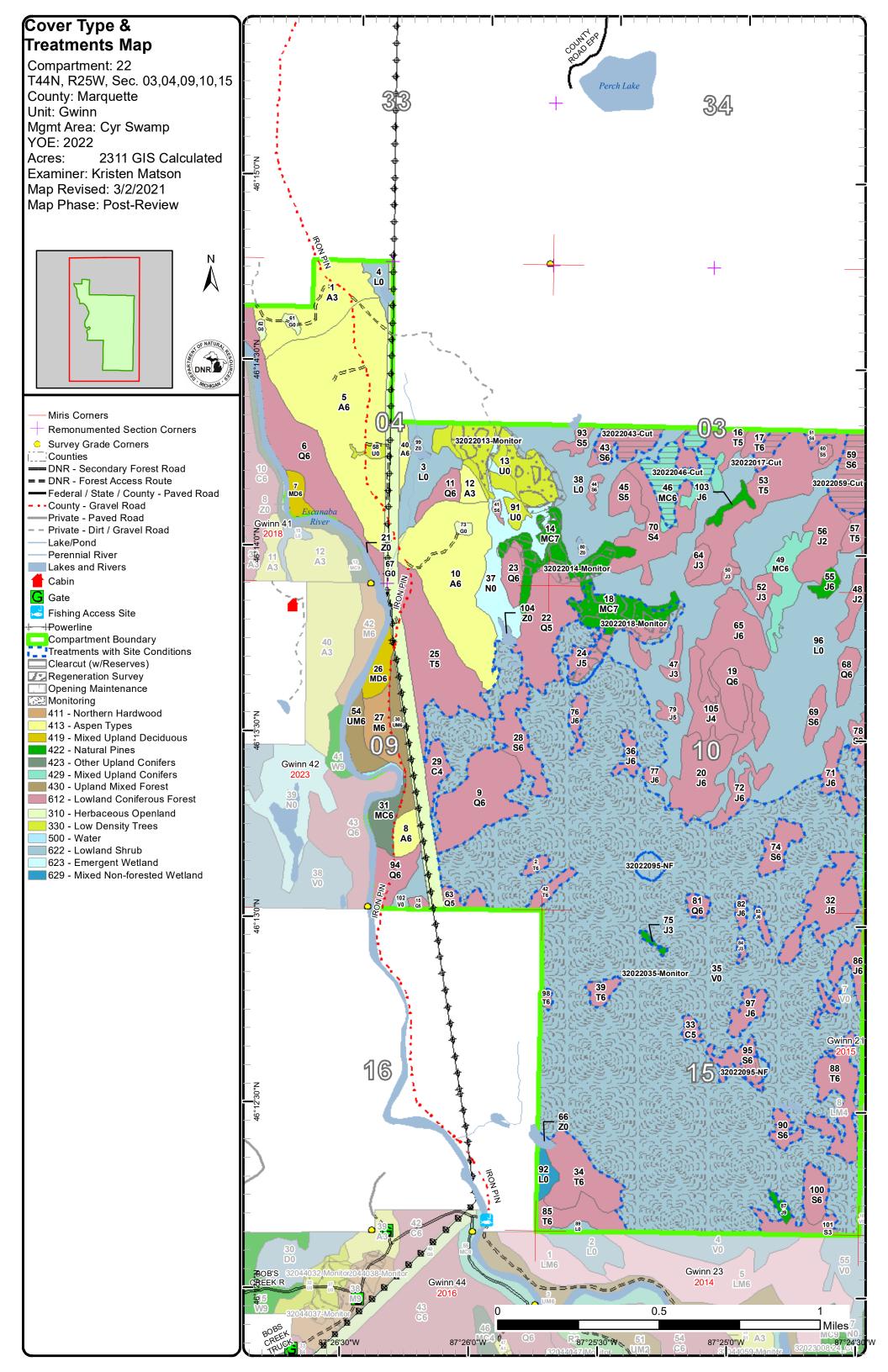
Gwinn Mgt. Unit

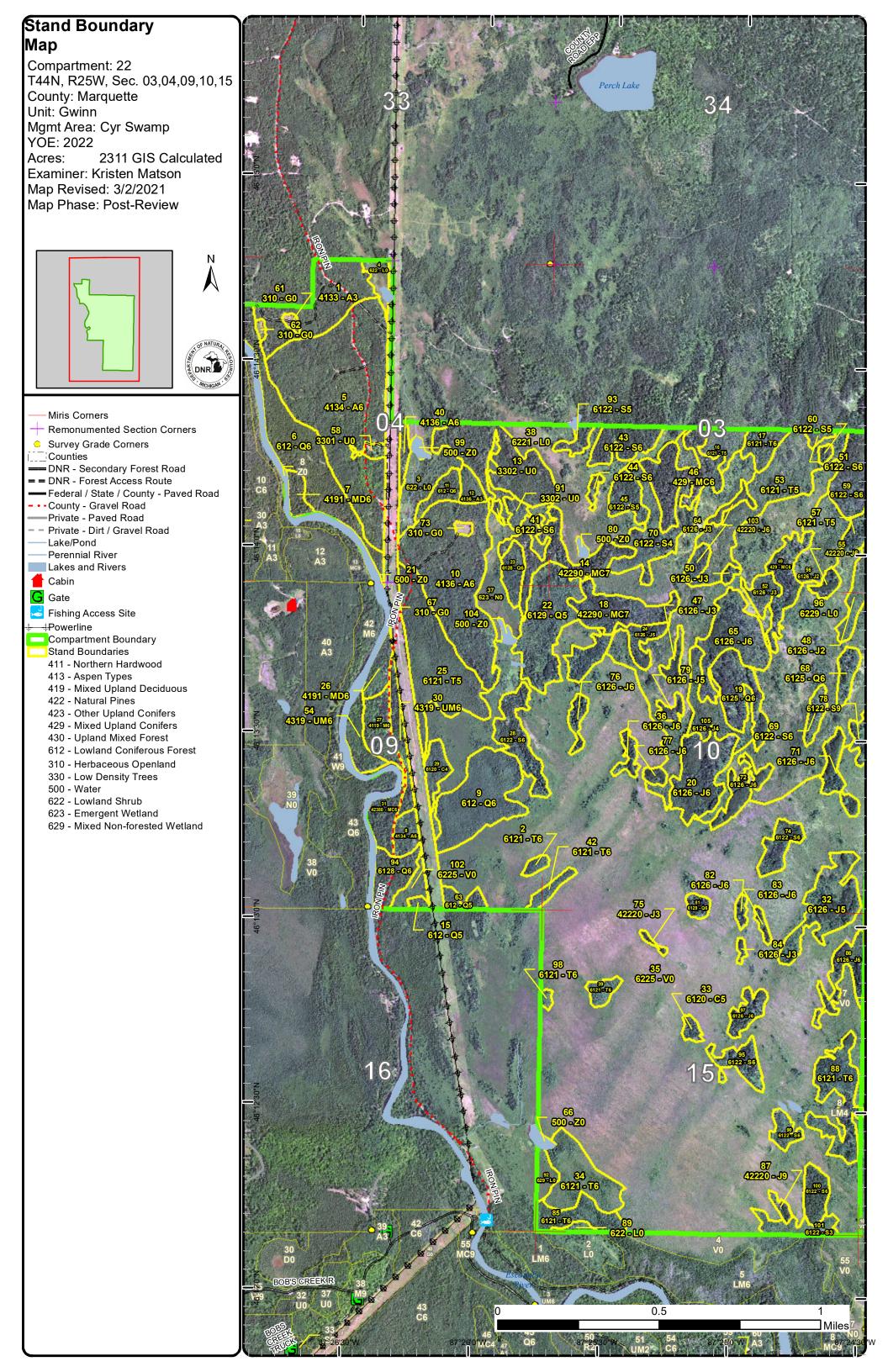
Compartment 22 Year of Entry 2022

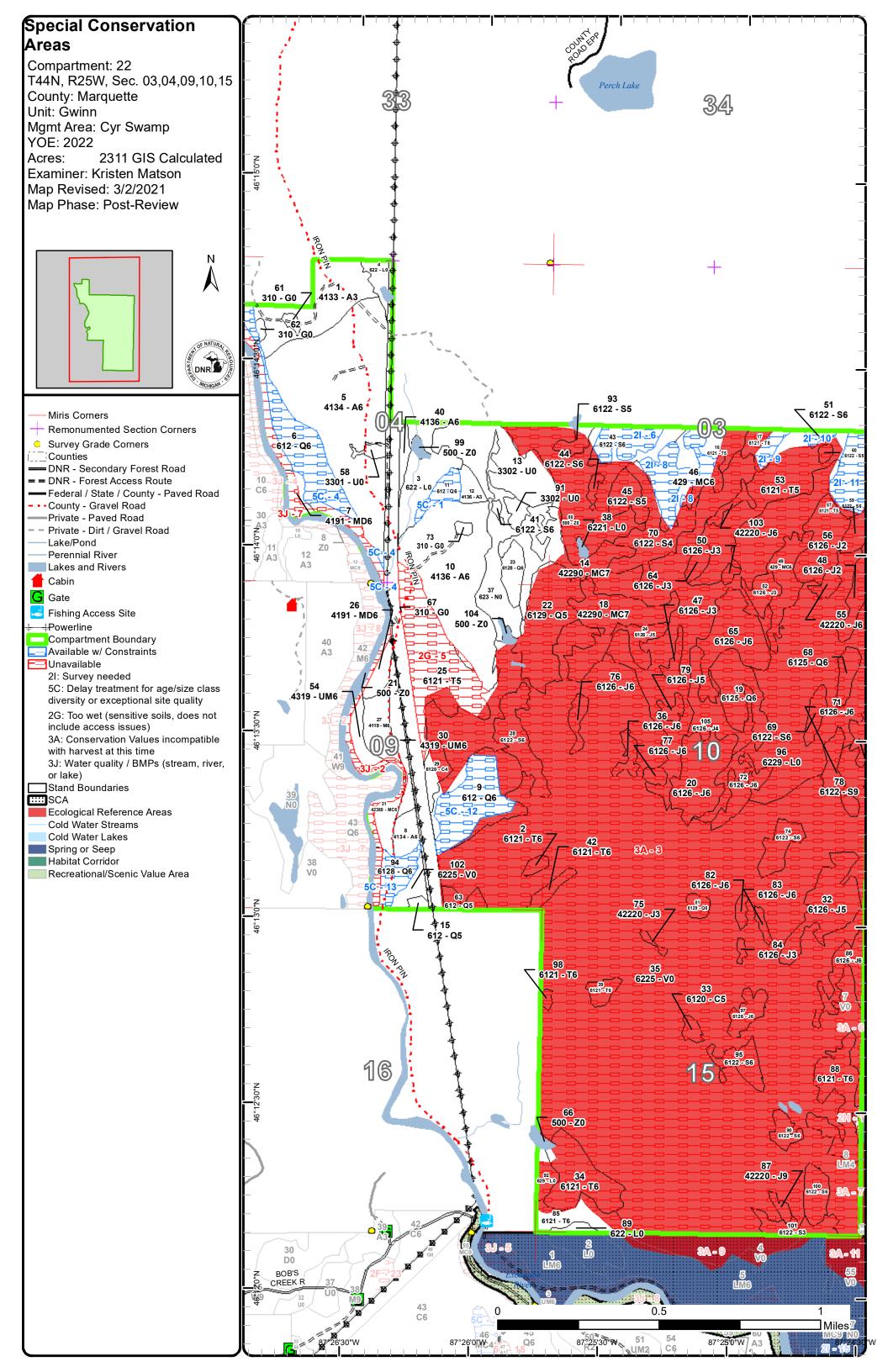
Kristen Matson: Examiner

Age Class

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Aspen	0	0	0	36	102	70	0	0	0	0	0	0	0	0	0	0	0	0	208
Bog	878	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	878
Cedar	0	0	0	0	0	0	0	0	0	0	0	2	0	0	6	0	0	0	8
Herbaceous Openland	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51
Jack Pine	0	0	0	0	199	0	0	0	2	0	0	0	0	0	0	0	0	0	201
Low-Density Trees	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39
Lowland Conifers	0	0	0	0	18	0	0	0	25	47	34	40	0	0	0	0	0	0	162
Lowland Shrub	293	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	293
Lowland Spruce/Fir	0	0	0	0	35	0	0	0	0	20	0	54	22	0	0	0	0	0	131
Marsh	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Mixed Upland Deciduous	0	0	0	0	0	0	0	7	0	5	0	0	0	0	0	0	0	0	12
Natural Mixed Pines	0	0	0	0	18	0	0	0	0	0	0	21	0	0	0	0	0	0	39
Northern Hardwood	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	12
Tamarack	0	0	0	0	93	0	0	0	22	0	0	49	7	0	0	0	0	0	171
Upland Conifers	0	0	0	0	14	0	0	9	0	0	0	0	22	0	0	0	0	0	45
Upland Mixed Forest	0	0	0	0	0	9	0	0	0	10	0	0	0	0	0	0	0	0	19
Water	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Total	1305	0	0	36	479	79	0	16	61	82	34	166	51	0	6	0	0	0	2313









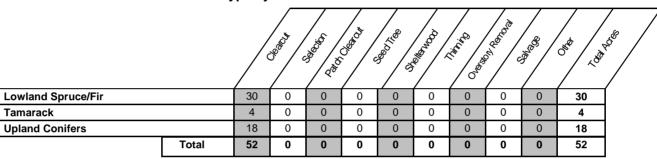
Report 2 – Treatment Summary

Gwinn Mgt. Unit

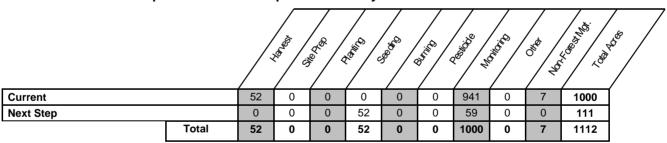
Compartment 22 Year of Entry: 2022 **Total Compartment Acres: 2,311 Acres of Harvest**

> Commercial Harvest -Harvests with Site Condition - 52 Next Step Harvest - 0 Habitat Cut - 0

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method



Gwinn Mgt. Unit Report 3 -- Treatments

Gwinn Mgt. Un

Compartment: 22 Year of Entry: 2022



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

Approved Treatments:

13 32022013- 29.1 3302 - Low Density Nonstocked 0 Unspec Monitoring Natural Regen 42290 - Natural Even-Aged No Monitor Conifer Trees ified (Intermediate) Mixed Pine

Prescription Monitor for natural regeneration.

Specs:

s

t a

n

d

Next Step Treatments:

Acceptable black spruce

Regen:

Other Percent to Treat = 100%

Comment:

Site Condition

Proposed Start Date: 10/1 /2021

32022014-18.1 42290 - Natural Sawtimber 101 1-50 Monitoring 429 - Mixed No 14 Natural Regen Even-Aged Monitor Mixed Pine Poor (Re-Inventory) **Upland Conifers**

Prescription Monitor for natural regeneration.

Specs:

Next Step

Treatments:

Acceptable Red pine, white pine, jack pine, black spruce, white spruce, tamarack, cedar, fir.

Regen:

Other Percent to Treat = 100%

Comment:

Site Condition

Proposed Start Date: 10/1 /2021

17 32022017-Cut 4.1 6121 - Tamarack Poletimber 119 51-80 Harvest Clearcut with 6121 - Even-Aged No Well Retention Tamarack

<u>Prescription</u> Clearcut with patch retention. Retention will be the west part of the stand within the ERA. Leave cedar and hemlock if found.

Specs:

Next Step Monitoring, Natural Regen (Intermediate); Seeding, Machine Seed

Treatments:

Acceptable Tamarack with a mix of other species currently found on site, such as spruce or pine.

Regen:

<u>Other</u>

Comment:

Site Condition Survey Needed

Proposed Start Date: 10/1 /2021

32022046-Cut 18.4 429 - Mixed Upland Poletimber 119 Clearcut with 429 - Mixed Even-Aged No 111-Harvest Conifers Well 140 Retention **Upland Conifers**

Clear cut with patch retention. May retain some scattered red and white pine. Leave cedar and hemlock if found. Patch retention will be in <u>Prescription</u> Specs:

the portions of the stand that fall within the ERA boundary.

Next Step Monitoring, Natural Regen (Intermediate); Seeding, Machine Seed **Treatments:**

Acceptable Any mix of conifers currently found on site, including spruce, jack pine and tamarack.

Regen: **Other** Comment:

Site Condition Survey Needed

Proposed Start Date: 10/1 /2021

1	S		Gwinn	Mgt. Unit	I	Repor	t 3 ⁻	Treatments		Compartmer Year of Entr	/	DNR DNR
		Treatment Name	Acres	Stand CoverType		Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
Ę	51 3	32022051-Cut	1.9 61	22 - Black Spruce	Poletimbe Well	r 102	51-80	Harvest	Clearcut	6122 - Black Spruce	Even-Aged	No
_	rescr		t. No reter	ntion needed due	o small size	Э.						
	lext S reatn	<u>Step</u> Monitor nents:	ing, Natura	l Regen (Re-Inver	ntory); Seed	ding, Ma	achine Se	eed				
	ccep Regen		with a mix	of species, such a	as tamarack	and pir	ne.					
	Other Comm	nent:										
<u>S</u>	ite C	ondition Surv	vey Needec	I								
Е	ropo	sed Start Date:	10/1 /202	:1								
ţ	59 3	32022059-Cut	16.6 61	22 - Black Spruce	e Poletimbe Well	r 102	51-80	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	No
	rescr		t with patch	n retention. Leave	e cedar and	hemloc	k if found	l.				
	lext S reatn	<u>Step</u> Monitor nents:	ing, Natura	l Regen (Intermed	liate); Seed	ding, Ma	achine Se	ed				
_	ccep Regen		with a mix	of species current	ly found on	site, su	ch as jac	k pine and tamar	ack.			
	omm	nent:										
<u>S</u>	ite C	ondition Surv	vey Needec	I								
E	ropo	sed Start Date:	10/1 /202	1								
3	35	32022095-NF	7.4	6225 - Bog	Nonstocke	ed	Unspec ified	NonForestMgt	Brush Cutting	6225 - Bog		No
	rescr pecs		reas identifi	ied by MNFI for In	vasive Buc	kthorn i	n this are	a. Buckthorn sho	ould be cut and her	bicide applied to	the cut stem	
	lext S reatn	<u>Step</u> Monitor nents:	ing, Herbic	ide Use								
	ccep Regen	table 1:										
	Other Comm		ould work w	vith local Cisma to	get this wo	rk done	. Location	ns are approxima	te only			
<u>S</u>	ite C	ondition Con	servation V	'alues								

Total Treatment Acreage Proposed: 1000.4

Proposed Start Date: 10/1 /2021

Gwinn Mgt. Unit

Kristen Matson: Examiner

Compartment: 22 Year of Entry: 2022

Avail	ability for	Managemer	nt						
Total	Acres	Acres Avail	Acres		Domina	nt Site	e Con	ditions	S
Acres	Available	With Condition	Not Available		21	5C	2G	ЗА	3J
208	207	0	1	Aspen			1	0	
884	16	0	868	Bog				868	
9	3	0	6	Cedar				6	
51	51	0	0	Herbaceous Openland				0	0
199	0	0	199	Jack Pine				199	
39	38	0	1	Low-Density Trees				1	
163	10	68	86	Lowland Conifers		68		70	16
293	35	0	258	Lowland Shrub				258	
130	4	29	97	Lowland Spruce/Fir	29			97	
26	26	0	0	Marsh				0	
12	6	0	6	Mixed Upland Deciduous					6
39	13	0	26	Natural Mixed Pines				26	
11	11	0	1	Northern Hardwood					1
167	19	4	144	Tamarack	4		38	106	
45	6	18	21	Upland Conifers	18			18	3
19	14	0	4	Upland Mixed Forest					4
18	17	0	1	Water				1	0
2,311	475	119	1,717	Total Forested Acres	51	68	39	1,649	30
	21%	5%	74%	Relative Percent					

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Harvest with adjace	nt stand in future.					
2	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	13	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Escanaba River						

Report 4 – Site Conditions

Gwinn Mgt. Unit

Kristen Matson : Examiner

3	Unavailable	3A: Conservation Values incompatible with harvest at this time	1,654	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: ERA: Cyr Fen, Par	tterned fen					
4	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	28	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	39	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
6	Available	2I: Survey needed	11	2E: Road needed	Unspecified	Unspecified	Unspecified
	Comments:						
7	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	17	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
8	Available	2I: Survey needed	19	2E: Road needed	Unspecified	Unspecified	Unspecified
	Comments:						
9	Available	2I: Survey needed	4	2E: Road needed	Unspecified	Unspecified	Unspecified
	Comments:						

Report 4 – Site Conditions

Gwinn Mgt. Unit

Kristen Matson: Examiner

10	Available	2I: Survey needed	2	2E: Road needed	Unspecified	Unspecified	Unspecified
Co	omments:						
11	Available	2I: Survey needed	16	2E: Road needed	Unspecified	Unspecified	Unspecified
Co	omments:						
12	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	25	Unspecified	Unspecified	Unspecified	Unspecified
Co	omments:						
13	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	Unspecified	Unspecified	Unspecified	Unspecified
Co	omments:						

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				

Gwinn Mgt. Unit Compartment: 22



Report 6 - EXISTING SPECIAL CONSERVATION AREA DETAILS

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

Conservati Area	on Type	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area						
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions stocked trout populations and those of other coldwater fish spectonditions for coldwater fishes may occur in Michigan lakes if the groundwater inflows, or are located in colder (northern) areas of Director's action and designated as trout resources by Fisheries	ies to persist from year to year. Suitable ey are relatively deep, have substantial the state. Such lakes are established by						
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.							
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of identified as Element Occurrences (EOs) by the Michigan Natural context of their natural community classification system. Element (Excellent) or B (Good) and a Global (G) or State (S) element (rathreatened (2), or rare (3) serve as an initial base of ERAs. They the State. The system is comprised of individual or associations managed for restoration and maintenance of natural ecological public recommendations for lands as ERAs using the DNR Contents.	al Features Inventory (MNFI) within the toccurrences with viability ranks of A arity) ranking of endangered (1), may be located upon any ownership in of natural community types that are processes and values. The public may						

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	Level 4 Cov	ver Type	s	ize De	ensity	Acres	Stand Age E	BA Range	Managed S	ite	General Comments
1	4133 - Aspen			Sapling		31.4		Immature	N/A		2020: Mix of aspen and conifers. Species composition and density is variable. Most trees 2-4" dbh.
		% Cover		_	l Age		nopy Species		Avg. Height	Size	2010: RESIDUAL PINE LEFT, CUT UNDER PERMIT NUMBER 7-92-1.
	White Spruce	5	Pole/Log	9			Isam Fir	Medium	Variable	Sapling	2-4" aspen saplings with fir and a few scattered residual white pine
	White Pine	5	Log/Pole	10		Blac	ck Spruce	Low	Variable	Sapling	sawtimber trees.
	Jack Pine	15	Sapling/Pole	3	25	WI	nite Pine	Low	Variable	Sapling	
_	Quaking Aspen	75	Sapling/Pole	3	25	Re	d Maple	Medium	10 - 20 feet	Sapling	
							Beech	Low	5 - 10 feet	Sapling	
						Quak	king Aspen	Medium	>20 feet	Sapling	
2	6121 - Ta	amarack	Po	letimb	er Well	2.1	35	Immature	N/A		Tamarack sapling island with black spruce and white pine speckled in.
	Canopy Species	% Cover	Size Class	DBH	l Age						
	White Pine	2	Pole	8							
	Black Spruce	15	Sapling/Pole	4	35						
	Tamarack	83	Pole/Sapling	5	35						
3	622 - Lowla	and Shrub	1 0	Nonsto	ocked	18.9	L	Jnspecified	No		low wet area with scattered shrubs and conifers
4	622 - Lowla	and Shrub	1 0	Nonsto	ocked	5.0	L	Inspecified	No		Lowland stand with shrubs and a few trees near edges.
5	4134 - Aspen	n, Spruce/	Fir Po	letimb	er Well	98.7	37	51-80	N/A		2020: Visible budworm damage - some dead fir and spruce. Stand is
	Canopy Species										mainly aspen with a variety of other species. There is a hardwood patch
	Carlopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Pine	% Cover	Size Class Log/Pole	DB H	I Age		nopy Species Isam Fir	Density High	Avg. Height Variable	Size Sapling	to the south along the road. 2010: 4-6" diameter 1-2 stick aspen poles over fully stocked aspen
	.,,,			_	I Age	Ва					to the south along the road. 2010: 4-6" diameter 1-2 stick aspen poles over fully stocked aspen saplings and scattered F1. Stand is transitioning to a fully stocked pole
	Red Pine	2	Log/Pole	10	I Age	Ba Wi	lsam Fir	High	Variable	Sapling Sapling Sapling	to the south along the road. 2010: 4-6" diameter 1-2 stick aspen poles over fully stocked aspen
	Red Pine Jack Pine	2 8	Log/Pole Pole/Sapling	10	I Age	Ba WI Re	Isam Fir nite Pine	High Low	Variable 5 - 10 feet	Sapling Sapling	to the south along the road. 2010: 4-6" diameter 1-2 stick aspen poles over fully stocked aspen saplings and scattered F1. Stand is transitioning to a fully stocked pole
	Red Pine Jack Pine Balsam Fir	2 8 15	Log/Pole Pole/Sapling Pole/Sapling	10 6 6	I Age	Ba WI Re Sug	Isam Fir nite Pine ed Maple	High Low Low	Variable 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling	to the south along the road. 2010: 4-6" diameter 1-2 stick aspen poles over fully stocked aspen saplings and scattered F1. Stand is transitioning to a fully stocked pole
	Red Pine Jack Pine Balsam Fir White Pine	2 8 15 5	Log/Pole Pole/Sapling Pole/Sapling Log/Pole	10 6 6 10	Age 37	Ba WI Re Sug	Isam Fir nite Pine d Maple gar Maple	High Low Low Low	Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling Sapling	2010: 4-6" diameter 1-2 stick aspen poles over fully stocked aspen saplings and scattered F1. Stand is transitioning to a fully stocked pole
6	Red Pine Jack Pine Balsam Fir White Pine White Spruce	2 8 15 5 5 65	Log/Pole Pole/Sapling Pole/Sapling Log/Pole Pole/Log Pole/Sapling	10 6 6 10 8 6		Ba WI Re Sug	Isam Fir nite Pine d Maple gar Maple	High Low Low Low	Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling Sapling	to the south along the road. 2010: 4-6" diameter 1-2 stick aspen poles over fully stocked aspen saplings and scattered F1. Stand is transitioning to a fully stocked pole
	Red Pine Jack Pine Balsam Fir White Pine White Spruce Quaking Aspen	2 8 15 5 5 65 oniferous	Log/Pole Pole/Sapling Pole/Sapling Log/Pole Pole/Log Pole/Sapling Forest Po	10 6 6 10 8 6	37	Ba WI Re Sug I	Isam Fir nite Pine Id Maple gar Maple Beech	High Low Low Low Low	Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling Sapling	to the south along the road. 2010: 4-6" diameter 1-2 stick aspen poles over fully stocked aspen saplings and scattered F1. Stand is transitioning to a fully stocked pole stand.
6	Red Pine Jack Pine Balsam Fir White Pine White Spruce Quaking Aspen 612 - Lowland Co	2 8 15 5 65 0000000000000000000000000000000	Log/Pole Pole/Sapling Pole/Sapling Log/Pole Pole/Log Pole/Sapling Forest Po ous with Po	10 6 6 10 8 6	37 per Well	Ba WI Re Sug I	Isam Fir nite Pine ad Maple gar Maple Beech	High Low Low Low Low Low	Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet 7 - 10 feet N/A	Sapling Sapling Sapling Sapling	to the south along the road. 2010: 4-6" diameter 1-2 stick aspen poles over fully stocked aspen saplings and scattered F1. Stand is transitioning to a fully stocked pole stand. Part of the stand is the riparian zone along the Escanaba River. Part of this stand is in the riparian zone along the Escanaba River. 2010: Larger diameter trees near the road.
7	Red Pine Jack Pine Balsam Fir White Pine White Spruce Quaking Aspen 612 - Lowland Co	2 8 15 5 65 coniferous ond Decidue	Log/Pole Pole/Sapling Pole/Sapling Log/Pole Pole/Log Pole/Sapling Forest Po ous with Po	10 6 6 10 8 6 eletimb	37 per Well per Well	8a Wi Re Sug I 41.4 4.9	Isam Fir nite Pine d Maple gar Maple Beech 81 81	High Low Low Low Low 141-170 111-140	Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A N/A	Sapling Sapling Sapling Sapling	to the south along the road. 2010: 4-6" diameter 1-2 stick aspen poles over fully stocked aspen saplings and scattered F1. Stand is transitioning to a fully stocked pole stand. Part of the stand is the riparian zone along the Escanaba River. Part of this stand is in the riparian zone along the Escanaba River. 2010: Larger diameter trees near the road. 2010: Fully stocked aspen transitioning to a pole stand. Occasional
7	Red Pine Jack Pine Balsam Fir White Pine White Spruce Quaking Aspen 612 - Lowland Co 4191 - Mixed Uplan Con 4134 - Aspen	2 8 15 5 65 coniferous ond Decidue	Log/Pole Pole/Sapling Pole/Sapling Log/Pole Pole/Log Pole/Sapling Forest Po ous with Po Size Class	10 6 6 10 8 6 eletimb	37 per Well	41.4 4.9 6.1 Sub-Ca	Isam Fir nite Pine ad Maple gar Maple Beech 81	High Low Low Low Low 141-170 111-140	Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A N/A	Sapling Sapling Sapling Sapling Sapling Sapling	to the south along the road. 2010: 4-6" diameter 1-2 stick aspen poles over fully stocked aspen saplings and scattered F1. Stand is transitioning to a fully stocked pole stand. Part of the stand is the riparian zone along the Escanaba River. Part of this stand is in the riparian zone along the Escanaba River. 2010: Larger diameter trees near the road.
7	Red Pine Jack Pine Balsam Fir White Pine White Spruce Quaking Aspen 612 - Lowland Co 4191 - Mixed Uplan Con 4134 - Aspen Canopy Species White Spruce	2 8 15 5 65 coniferous cond Deciduo	Log/Pole Pole/Sapling Pole/Sapling Log/Pole Pole/Log Pole/Sapling Forest Po Size Class Log/Pole	10 6 6 10 8 6 eletimb	37 per Well per Well	41.4 4.9 6.1 Sub-Ca	Isam Fir nite Pine d Maple gar Maple Beech 81 81 47 nopy Species d Maple	High Low Low Low Low 141-170 111-140 51-80 Density Low	Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A N/A N/A N/A Avg. Height Variable	Sapling Sapling Sapling Sapling Sapling Sapling Sapling	to the south along the road. 2010: 4-6" diameter 1-2 stick aspen poles over fully stocked aspen saplings and scattered F1. Stand is transitioning to a fully stocked pole stand. Part of the stand is the riparian zone along the Escanaba River. Part of this stand is in the riparian zone along the Escanaba River. 2010: Larger diameter trees near the road. 2010: Fully stocked aspen transitioning to a pole stand. Occasional
7	Red Pine Jack Pine Balsam Fir White Pine White Spruce Quaking Aspen 612 - Lowland Co 4191 - Mixed Uplan Con 4134 - Aspen	2 8 15 5 65 oniferous	Log/Pole Pole/Sapling Pole/Sapling Log/Pole Pole/Log Pole/Sapling Forest Po Size Class Log/Pole Pole/Sapling	10	37 per Well per Well	41.4 4.9 6.1 Sub-Ca	Isam Fir nite Pine d Maple gar Maple Beech 81 81 47 nopy Species	High Low Low Low Low 141-170 111-140 51-80 Density	Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A N/A N/A N/A Avg. Height	Sapling Sapling Sapling Sapling Sapling Sapling	to the south along the road. 2010: 4-6" diameter 1-2 stick aspen poles over fully stocked aspen saplings and scattered F1. Stand is transitioning to a fully stocked pole stand. Part of the stand is the riparian zone along the Escanaba River. Part of this stand is in the riparian zone along the Escanaba River. 2010: Larger diameter trees near the road. 2010: Fully stocked aspen transitioning to a pole stand. Occasional
7	Red Pine Jack Pine Balsam Fir White Pine White Spruce Quaking Aspen 612 - Lowland Co 4191 - Mixed Uplan Con 4134 - Aspen Canopy Species White Spruce Balsam Fir	2 8 15 5 5 65 oniferous nd Decidudifer n, Spruce/ **Cover 10 10	Log/Pole Pole/Sapling Pole/Sapling Log/Pole Pole/Log Pole/Sapling Forest Po Size Class Log/Pole	10 6 6 10 8 6 eletimb	37 per Well per Well	41.4 4.9 6.1 Sub-Ca	Isam Fir nite Pine d Maple gar Maple Beech 81 81 47 nopy Species d Maple	High Low Low Low Low 141-170 111-140 51-80 Density Low	Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A N/A N/A N/A Avg. Height Variable	Sapling Sapling Sapling Sapling Sapling Sapling Sapling	to the south along the road. 2010: 4-6" diameter 1-2 stick aspen poles over fully stocked aspen saplings and scattered F1. Stand is transitioning to a fully stocked pole stand. Part of the stand is the riparian zone along the Escanaba River. Part of this stand is in the riparian zone along the Escanaba River. 2010: Larger diameter trees near the road. 2010: Fully stocked aspen transitioning to a pole stand. Occasional



Stand	Stand Level 4 Cover Type		er Type		Size Density		Stand Age	BA Range	Managed S	ite	General Comments
9	612 - Lowland (Coniferous	Forest	Poletimber Well		33.8	91	81-110	N/A		2010: Poor quality cedar with other conifers and some hardwoods. A lot of budworm damage.
10	4136 - Aspen	, Mixed Co	onifer	Poletim	oer Well	63.8	44	51-80	N/A		2020: Budworm damage - many dead/dying spruce/fir. Mainly aspen
	Canopy Species	% Cover	r Size Class	DBI	H Age	Sub-Ca	nopy Specie	es Density	Avg. Height	Size	with conifers more prevalent along the edges. Some trees still sapling size, but most pole sized.
	White Spruce	8	Pole/Sap/Lo	og 8		Ba	alsam Fir	Medium	Variable	Sapling	2010: Fully stocked aspen transitioning to a pole stand. Occasional
	White Pine	2	Log/Pole	10		Re	ed Maple	Low	5 - 10 feet	Sapling	white spruce and soft maple. A5A3F2
	Red Maple	5	Pole	8				,			-
Nor	thern White Cedar	2	Pole/Log/Sa	ap 8							
	Red Pine	2	Log/Pole	12							
	Balsam Fir	10	Pole	8							
(Quaking Aspen	71	Pole/Saplin	ng 7	44						
12	4136 - Aspen	ı, Mixed Co	onifer	Saplin	g Well	4.3	28	Immature	N/A		2010: Cut under contract # 8-92-01. 2"-4" Fully stocked aspen saplings.
13	3302 - Low Den	sity Conife	er Trees	Nonst	ocked	33.1	0	Unspecified	42290 - Natural N	Mixed Pine	Crossed stand on snowmobile winter/spring 2020. Did not see any regeneration above snow across entire area. Large scattered seed trees of mixed pine were left from past harvest. Access through private from the north. EBOPIC - FMD: SCA MIXED SPRUCE-PINE ISLAND 2010- SCA proposed BSA, Sawmill Creek Complex. Cyr Swamp. Stand contains a large illegal tower blind. Final harvest with reserves, retaining the white and red pine and cedar. The preferred regeneration method would be by Rx burn after harvest. If this can't be accomplished then anchor chain scarification would be the next best alternative. Access is through stand 12 on the west. There would be 3 small swamp crossings required. The stands should be cut in the winter with the crossings filled with brush. To facilitate the Rx burn or scarification work summer crossings for equipment could be done with mats and/or fabric. Black spruce and any of the pines in any mix are acceptable regeneration species. TS #009-12-1 "Sooth Cyr". Completed 3/2017.

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Compartment: 22

Year of Entry: 2022

Stand	Level 4 Cover Type			Size Density			Stand Age B	A Range	Managed S	ite	General Comments			
14	42290 - Natu	ıral Mixed F	Pine S	Sawtimbe	r Poor	20.6	101	1-50	N/A		Crossed stand on snowmobile winter/spring 2020. Did not see any regeneration above snow across entire area. Large scattered seed trees			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	of mixed pine were left from past harvest. Access through private from			
	Red Pine	40	Log/Pole	12	101	Ja	ick Pine	Low	< 5 feet	Sapling	the north. EB			
	White Pine	30	Log/Pole	12	101						ODIO END COA MIVED ODDI IOE DINE IOI AND COAC OOA granned			
	Jack Pine	30	Pole	6							OPIC - FMD: SCA MIXED SPRUCE-PINE ISLAND 2010- SCA proposed BSA, Sawmill Creek Complex. Cyr Swamp. Stand contains a large			
											illegal tower blind. Final harvest with reserves, retaining the white and red pine and cedar. The preferred regeneration method would be by burn after harvest. If this can't be accomplished then anchor chain scarification would be the next best alternative. Access is through star 12 on the west. There would be 3 small swamp crossings required. The stands should be cut in the winter with the crossings filled with brush. facilitate the Rx burn or scarification work summer crossings for equipment could be done with mats and/or fabric. Black spruce and a of the pines in any mix are acceptable regeneration species. TS #009-1 "Sooth Cyr". Completed 3/2017.			
15	612 - Lowland (Coniferous	Forest Po	oletimber I	Medium	1.5	76	51-80	N/A					
16	6121 - '	Tamarack	Po	oletimber I	Medium	10.3	35	1-50	N/A		lowland Swale of Tamarack in Black Spruce sapling.			
	Canopy Species	% Cover	Size Class	DBH	Age						2010: AREA BURNED IN RICE LK FIRE 1986.			
	Black Spruce	48	Pole/Sapling	5										
	Tamarack	50	Pole/Sapling	5	35									
	White Pine	2	Log	10										
17	6121 -	Tamarack	F	Poletimbe	r Well	7.2	119	51-80	N/A		Lowland conifer mix.			
	Canopy Species	% Cover	Size Class	DBH	Age						2010: BURNED RICE LK FIRE 1986.			
	Tamarack	50	Log/Pole	10	119						2010. BONNED MOE ENTINE 1000.			
	Black Spruce	50	Pole	8										
18	42290 - Natu	ıral Mixed F	Pine S	Sawtimbe	r Poor	17.9	35	1-50	N/A		When it was cut they left scattered Bigger Red Pine. Might want to burn			
	Canopy Species	% Cover	Size Class	DBH	Age						it to get better regeneration coming in. Jack pine and black spruce island with dense J3 on the eastern tip where the stand regenerated from the			
	Jack Pine	50	Sapling/Pole	9 4	35						Rice Lake fire of 1986. The silvicultural prescription for this stand is a			
	Red Pine	50	Log/XLog	16							seed tree harvest of the jack pine, retaining some of the jack pine and			
											the white pine, red pine, cedar with the prefered regeneration method a Rx burn after harvest. We realize most of the overstroy trees will be los when the stand is prescribed burned. If regeneration can't be accomplished thru burning, then anchor chain scarification would be the next best alternative. Access is through stand 12 on the west. There would be 3 small swamp crossings required. The stands should be cut in the winter with the crossings filled with brush. To facilitate the Rx burn or scarification work summer crossings for equipment could be done with mats and/or fabric. TS #009-12-1 "Sooth Cyr". Completed 03/2017.			

Report 7 - Stands



Stand	Level 4 Co	over Type	e Si	ze De	ensity	Acres	Stand Age	BA Range	Managed Site	General Comments
19	6125 - Lowland B P	lack Spruine	uce, Jack Pol	etimb	oer Well	17.7	35	51-80	N/A	Two different age classes of JP some at 12" and some at 34" 2010: Cyr Patterned Fen ERA. Dense 2-4" jack pine saplings that
	Canopy Species	% Cove	r Size Class	DBH	H Age					regenerated from the Rice Lake Fire of 1986.
	Jack Pine	45	Sapling/Pole/Log	4	35					
	White Pine	5	Log/Pole/Sap	10						
	Black Spruce	25	Pole/Log/Sap	8						
	Tamarack	10	Pole/Sap/Log	6						
Nor	thern White Cedar	10	Pole/Sap/Log	6						
	Red Pine	5	Log/Pole/Sap	10						
20	6126 - Lowla	and Jack	Pine Pol	etimb	oer Well	23.5	35	81-110	N/A	Island of timber within Cyr Patterned Fen ERA. Dense 2-4" jack pine
	Canopy Species	% Cove	er Size Class	DBH	l Age					sapllings that regenerated from the Rice Lake Fire of 1986.
	Jack Pine	75	Sapling/Pole/Log	_	35					
	Red Pine	5	Log/Pole/XLog	10						
	White Pine	5	Log/Pole/XLog	10						
	Black Spruce	10	Pole/Sap/Log	6						
	Tamarack	5	Pole/Sap/Log	5						
21	500 -	Water	N	lonst	ocked	13.7			No	Escanaba River.
22	6129 - Mixed Co Fo	niferous rest	Lowland Polet	timbe	r Medium	31.3	102	51-80	N/A	Stand composition and density is variable. Spruce, jack pine, tamarack etc.
	Canopy Species	% Cove	r Size Class	DBH	H Age					
	Black Spruce	40	Pole/Sap/Log	7	102					
Nor	thern White Cedar	30	Pole/Sap/Log	6						
	Tamarack	10	Pole/Sap/Log	5						
	Paper Birch	5	Pole/Sap/Log	6						
	White Pine	10	Log	10						
	Jack Pine	5	Pole/Sap/Log	8						
	6128 - Lowland (Coniferou	s, Mixed Pol	etimb	er Well	6.8	76	51-80	N/A	
23		duous								
23			Pine Polet	imbe	r Medium	13.5	35	51-80	N/A	mix of jack pine and spruce with other species
	Deci 6126 - Lowla				r Medium r Medium		35	51-80	N/A N/A	mix of jack pine and spruce with other species
24	Deci 6126 - Lowla	and Jack Famarack		timbe					· 	mix of jack pine and spruce with other species
24	Deci 6126 - Lowla 6121 - T	and Jack Famarack	. Polet	timbe	r Medium				· 	mix of jack pine and spruce with other species
24	Deci 6126 - Lowla 6121 - T Canopy Species	and Jack Famarack *Cove	Poleter Size Class	imbe	r Medium				· 	mix of jack pine and spruce with other species



Stand	Level 4 C	over Type	S	ize De	ensity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
26	4191 - Mixed Upla Co	and Decidu onifer	ous with Po	letimb	er Well	7.3	66	51-80	N/A		2020: Mixed stand. Budworm damage. A lot of 1-4" dbh BF. 2010: Stand consists of very large white spruce with scattered white
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	birch, aspen, and soft maple. It borders the Escanaba River.
	Balsam Fir	15	Pole/Sapling	5		Ва	lsam Fir	High	Variable	Sapling	
	White Spruce	15	Pole/Sap/Log	8	66	Re	d Maple	Low	Variable	Sapling	
	Paper Birch	10	Pole/Log/Sap	8		Whi	te Spruce	Low	Variable	Sapling	
	Quaking Aspen	15	Pole/Sap/Log	8				'			-
	Red Maple	35	Pole/Sap/Log	8	66						
	Sugar Maple	10	Pole/Sap/Log	8	66						
27	4119 - Mixed No	orthern Har	dwoods Po	letimb	er Well	11.5	76	51-80	N/A		2020:Patchy mix of trees. Thinned in past. Budworm damage. 2010:
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Poor quality red and sugar maple with fir, white birch, and aspen. Most the fir west of the road is dead and down.
	Balsam Fir	10	Pole/Sapling	5		Ва	llsam Fir	High	Variable	Sapling	
No	rthern White Cedar	5	Pole/Log	8		Re	ed Maple	Medium	Variable	Sapling	
	Paper Birch	10	Pole/Log/Sap	9		Sug	gar Maple	Medium	Variable	Sapling	
	Bigtooth Aspen	10	Log/Pole	14							
	White Spruce	5	Log/Pole	10							
	Red Maple	35	Log/Pole	10	76						
	Sugar Maple	25	Log/Pole	10	76						
	6122 - BI	l. C	. D-		\ \ / .	45.0	81	51-80	N/A		2010: MIXED SPRUCE-PINE ISLAND
28	0122 31	ack Spruce) P0	letimb	er Well	15.0	01	31-00	IN/A		
28		wland Ceda			er Weii	6.2	132	1-50	N/A		2010: VERY POOR SPARSE CEDAR
		wland Ceda	ar Po	letimb			-				20220: Mix of aspen and conifers. Some low areas. Some dead BF.
29	6120 - Lo	wland Ceda	ar Po	letimb	er Poor	6.2	132	1-50	N/A	Size	
29	6120 - Lo	wland Ceda	orest Po	letimb	per Poor	6.2 9.3 Sub-Ca	132 47	1-50 51-80	N/A N/A	Size Sapling	20220: Mix of aspen and conifers. Some low areas. Some dead BF. 2010: Fully stocked aspen transitioning to a pole stand. Occasional
29	6120 - Lor 4319 - Mixed Canopy Species	wland Ceda	orest Po	letimb letimb	per Poor	6.2 9.3 Sub-Ca	132 47 nopy Species	1-50 51-80 Density	N/A N/A Avg. Height		20220: Mix of aspen and conifers. Some low areas. Some dead BF. 2010: Fully stocked aspen transitioning to a pole stand. Occasional
29	6120 - Lor 4319 - Mixed Canopy Species Paper Birch	wland Ceda Upland Fo Cover 5	orest Po Size Class Pole/Log	letimb	per Poor	6.2 9.3 Sub-Ca	132 47 nopy Species ed Maple	1-50 51-80 Density Medium	N/A N/A Avg. Height 10 - 20 feet	Sapling	20220: Mix of aspen and conifers. Some low areas. Some dead BF. 2010: Fully stocked aspen transitioning to a pole stand. Occasional
29	6120 - Lor 4319 - Mixed Canopy Species Paper Birch White Pine	Wland Ceda Upland Fo Cover 5 5	orest Po Size Class Pole/Log Log/Pole	letimb	per Poor	9.3 Sub-Ca Re Sug	132 47 nopy Species ed Maple Beech	1-50 51-80 Density Medium Low	N/A N/A Avg. Height 10 - 20 feet 10 - 20 feet	Sapling Sapling	20220: Mix of aspen and conifers. Some low areas. Some dead BF. 2010: Fully stocked aspen transitioning to a pole stand. Occasional
29	6120 - Lor 4319 - Mixed Canopy Species Paper Birch White Pine White Spruce	Wland Ceda Upland Fo Cover 5 5 5	orest Po Size Class Pole/Log Log/Pole Pole/Log	letimb	per Poor	9.3 Sub-Ca Re Sug Ba	132 47 nopy Species ed Maple Beech gar Maple	1-50 51-80 Density Medium Low Medium	N/A N/A Avg. Height 10 - 20 feet 10 - 20 feet 5 - 10 feet	Sapling Sapling Sapling	20220: Mix of aspen and conifers. Some low areas. Some dead BF. 2010: Fully stocked aspen transitioning to a pole stand. Occasional
29	4319 - Mixed 4319 - Mixed Canopy Species Paper Birch White Pine White Spruce orthern White Cedar	wland Ceda Upland Fc **Cover** 5 5 5 5	orest Po Size Class Pole/Log Log/Pole Pole/Log Pole/Log	letimb DBH 8 14 8 8	per Poor	9.3 Sub-Ca Re Sug Ba Wh	132 47 nopy Species ed Maple Beech gar Maple alsam Fir	1-50 51-80 Density Medium Low Medium Medium Medium	N/A N/A Avg. Height 10 - 20 feet 10 - 20 feet 5 - 10 feet Variable	Sapling Sapling Sapling Sapling	20220: Mix of aspen and conifers. Some low areas. Some dead BF. 2010: Fully stocked aspen transitioning to a pole stand. Occasional
29	4319 - Mixed 4319 - Mixed Canopy Species Paper Birch White Pine White Spruce orthern White Cedar Red Maple	wland Ceda Upland Fo Cover 5 5 5 15	orest Po Size Class Pole/Log Log/Pole Pole/Log Pole/Log Pole/Log	letimb DBH 8 14 8 8	per Poor	9.3 Sub-Ca Re Sug Ba Wh	132 47 nopy Species ed Maple Beech gar Maple elsam Fir nite Pine	1-50 51-80 Density Medium Low Medium Medium Low	N/A N/A Avg. Height 10 - 20 feet 10 - 20 feet 5 - 10 feet Variable Variable	Sapling Sapling Sapling Sapling Sapling	20220: Mix of aspen and conifers. Some low areas. Some dead BF. 2010: Fully stocked aspen transitioning to a pole stand. Occasional
29	4319 - Mixed Canopy Species Paper Birch White Pine White Spruce orthern White Cedar Red Maple Sugar Maple	Wland Ceda Upland Fo Cover 5 5 5 15 8	orest Po Size Class Pole/Log Log/Pole Pole/Log Pole/Log Pole/Log Pole/Log	letimb DBH 8 14 8 8 8 8	per Poor Der Well H Age	9.3 Sub-Ca Re Sug Ba Wh	132 47 nopy Species ed Maple Beech gar Maple elsam Fir nite Pine	1-50 51-80 Density Medium Low Medium Medium Low	N/A N/A Avg. Height 10 - 20 feet 10 - 20 feet 5 - 10 feet Variable Variable	Sapling Sapling Sapling Sapling Sapling	20220: Mix of aspen and conifers. Some low areas. Some dead BF. 2010: Fully stocked aspen transitioning to a pole stand. Occasional

Gwinn Mgt. Unit Report 7 – Stands



Stand	Level 4 Co	over Type	Siz	ze De	ensity	Acres	Stand Age E	BA Range	Managed S	ite	General Comments
31	42380 - Non Pine Mixed D	e Upland (Deciduous	Conifer, Pol	etimb	er Well	8.6	61	51-80	N/A		The stand borders the Escanaba River and the Iron Pin Road. A lot o trees 1-4" dbh. Budworm damage.
(Canopy Species	% Cover	r Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Black Spruce	25	Pole/Sapling	7	61	Ва	lsam Fir	High	Variable	Sapling	
Nort	hern White Cedar	10	Pole/Sap/Log	8				,			
	Paper Birch	10	Pole/Sapling	8							
	Balsam Fir	25	Pole/Sapling	7	61						
C	Quaking Aspen	30	Pole/Sap/Log	7	61						
32	6126 - Lowla	and Jack F	Pine Polet	imbe	r Medium	23.0	35	81-110	N/A		SCA proposed BSA, Cyr Swamp. BURNED RICE LAKE FIRE 1986.
(Canopy Species	% Cover	r Size Class	DBH	l Age						
	Jack Pine	65	Sapling/Pole/Log	4	35						
	Red Pine	10	Log/Pole/XLog	10							
	White Pine	10	Log/Pole/XLog	10							
	Black Spruce	10	Pole/Log/Sap	8							
	Tamarack	5	Sapling/Pole	4							
33	6120 - Lov Canopy Species	vland Ced % Cover			r Medium	2.3	102	1-50	N/A		Island of timber within Cyr Patterned Fen ERA.
	hern White Cedar	65	Pole/Sap/Log	8							
	Helli Wille Gedai	05	rule/Sap/Lug	0	102						
	Black Spruce	10		6							
	Black Spruce	10	Pole/Log/Sap	6							
	Tamarack	15	Pole/Log/Sap Pole/Sap/Log	5							
	Tamarack Jack Pine	15 10	Pole/Log/Sap Pole/Sap/Log Sapling/Pole	5		00.4	05	4.50	N/A		Toward and an arrange Decreased and a section of the section of th
34	Tamarack Jack Pine 6121 - 1	15 10	Pole/Log/Sap Pole/Sap/Log Sapling/Pole Pol	5 4 etimb	per Well	22.1	35	1-50	N/A		Tamarack and spruce saplings. Dense cedar saplings especially in understory.
34	Tamarack Jack Pine 6121 - T	15 10 Famarack	Pole/Log/Sap Pole/Sap/Log Sapling/Pole Pol r Size Class	5 4 etimb	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	understory.
34	Tamarack Jack Pine 6121 - 7 Canopy Species Tamarack	15 10 Famarack % Cover	Pole/Log/Sap Pole/Sap/Log Sapling/Pole Pol r Size Class Pole/Sapling	5 4 etimb DBH 5		Sub-Ca				Size Sapling	
34	Tamarack Jack Pine 6121 - T Canopy Species Tamarack Black Spruce	15 10 Famarack % Cover 70 10	Pole/Log/Sap Pole/Sap/Log Sapling/Pole Pol **Size Class Pole/Sapling Sapling/Pole	5 4 etimb 5 4	l Age	Sub-Ca	nopy Species	Density	Avg. Height		understory.
34	Tamarack Jack Pine 6121 - T Canopy Species Tamarack Black Spruce hern White Cedar	15 10 Famarack % Cover 70 10 19	Pole/Log/Sap Pole/Sap/Log Sapling/Pole Pol r Size Class Pole/Sapling Sapling/Pole Sapling	5 4 Eetimb 5 4 2	l Age	Sub-Ca	nopy Species	Density	Avg. Height		understory.
34	Tamarack Jack Pine 6121 - T Canopy Species Tamarack Black Spruce	15 10 Famarack % Cover 70 10	Pole/Log/Sap Pole/Sap/Log Sapling/Pole Pol **Size Class Pole/Sapling Sapling/Pole	5 4 etimb 5 4	l Age	Sub-Ca	nopy Species	Density	Avg. Height		understory.
34 Nort	Tamarack Jack Pine 6121 - T Canopy Species Tamarack Black Spruce hern White Cedar White Pine	15 10 Famarack % Cover 70 10 19	Pole/Log/Sap Pole/Sap/Log Sapling/Pole Pol r Size Class Pole/Sapling Sapling/Pole Sapling Pole	5 4 etimb 5 4 2 8	l Age	Sub-Ca	nopy Species a White Cedar	Density	Avg. Height		understory. OPIC - FMD: Cyr Patterned Fen ERA Cyr Patterned Fen ERA MOST OF THIS AREA BURNED RICE LK
34 Nort	Tamarack Jack Pine 6121 - T Canopy Species Tamarack Black Spruce hern White Cedar White Pine	15 10 Tamarack ** Cover 70 10 19 11	Pole/Log/Sap Pole/Sap/Log Sapling/Pole Pol r Size Class Pole/Sapling Sapling/Pole Sapling Pole	5 4 etimb 5 4 2 8	35 35	Sub-Ca Northern	nopy Species a White Cedar	Density High Unspecified	Avg. Height 10 - 20 feet		understory. OPIC - FMD: Cyr Patterned Fen ERA
34 Nort	Tamarack Jack Pine 6121 - T Canopy Species Tamarack Black Spruce hern White Cedar White Pine	15 10 Tamarack ** Cover 70 10 19 11	Pole/Log/Sap Pole/Sap/Log Sapling/Pole Pol r Size Class Pole/Sapling Sapling/Pole Sapling Pole	5 4 etimb 5 4 2 8	35 35	Sub-Ca Northern 872.7 Sub-Ca	nopy Species Mhite Cedar	Density High Unspecified	Avg. Height 10 - 20 feet No	Sapling	understory. OPIC - FMD: Cyr Patterned Fen ERA Cyr Patterned Fen ERA MOST OF THIS AREA BURNED RICE LK
Nort	Tamarack Jack Pine 6121 - T Canopy Species Tamarack Black Spruce hern White Cedar White Pine	15 10 Tamarack % Cover 70 10 19 1	Pole/Log/Sap Pole/Sap/Log Sapling/Pole Pol Size Class Pole/Sapling Sapling/Pole Sapling Pole	5 4 Post of the second of the	35 35	Sub-Ca Northern 872.7 Sub-Ca	nopy Species Mitte Cedar	Density High Unspecified Density	Avg. Height 10 - 20 feet No Avg. Height	Sapling	Understory. OPIC - FMD: Cyr Patterned Fen ERA Cyr Patterned Fen ERA MOST OF THIS AREA BURNED RICE LK FIRE 1986. Island of timber within Cyr Patterned Fen ERA.
Norts 335	Tamarack Jack Pine 6121 - T Canopy Species Tamarack Black Spruce hern White Cedar White Pine 6225	15 10 Famarack % Cover 70 10 19 1 5 - Bog	Pole/Log/Sap Pole/Sap/Log Sapling/Pole Pol Size Class Pole/Sapling Sapling/Pole Sapling Pole	but	A Age 35 ocked	Sub-Ca Northern 872.7 Sub-Ca	nopy Species White Cedar L nopy Species	Density High Unspecified Density Low	No Avg. Height No Avg. Height 5 - 10 feet	Sapling	understory. OPIC - FMD: Cyr Patterned Fen ERA Cyr Patterned Fen ERA MOST OF THIS AREA BURNED RICE LK FIRE 1986. Island of timber within Cyr Patterned Fen ERA. 2010: Dense 2-4" jack pine saplings that regenerated from the Rice
Norts	Tamarack Jack Pine 6121 - T Canopy Species Tamarack Black Spruce hern White Cedar White Pine 6225	15 10 Famarack % Cover 70 10 19 1 5 - Bog	Pole/Log/Sap Pole/Sap/Log Sapling/Pole Pol r Size Class Pole/Sapling Sapling/Pole Sapling Pole N Pine Pol r Size Class	but	A Age 35 Socked	Sub-Ca Northern 872.7 Sub-Ca	nopy Species White Cedar L nopy Species	Density High Unspecified Density Low	No Avg. Height No Avg. Height 5 - 10 feet	Sapling	Understory. OPIC - FMD: Cyr Patterned Fen ERA Cyr Patterned Fen ERA MOST OF THIS AREA BURNED RICE LK FIRE 1986. Island of timber within Cyr Patterned Fen ERA.
Norts 835	Tamarack Jack Pine 6121 - T Canopy Species Tamarack Black Spruce hern White Cedar White Pine 6225 6126 - Lowla	15 10 Famarack % Cover 70 10 19 1 5 - Bog	Pole/Log/Sap Pole/Sap/Log Sapling/Pole Pole Size Class Pole/Sapling Sapling/Pole Sapling Pole N Prine Pole Pole Pole Pole Pole Pole Pole Pol	DBH 5 4 2 8 Solonsto	A Age 35 ocked oer Well	Sub-Ca Northern 872.7 Sub-Ca	nopy Species White Cedar L nopy Species	Density High Unspecified Density Low	No Avg. Height No Avg. Height 5 - 10 feet	Sapling	understory. OPIC - FMD: Cyr Patterned Fen ERA Cyr Patterned Fen ERA MOST OF THIS AREA BURNED RICE LK FIRE 1986. Island of timber within Cyr Patterned Fen ERA. 2010: Dense 2-4" jack pine saplings that regenerated from the Rice
Norts 335	Tamarack Jack Pine 6121 - T Canopy Species Tamarack Black Spruce hern White Cedar White Pine 6225 6126 - Lowla Canopy Species Jack Pine	15 10 Famarack ** Cover 70 10 19 1 5 - Bog and Jack F ** Cover 80	Pole/Log/Sap Pole/Sap/Log Sapling/Pole Pole Size Class Pole/Sapling Sapling/Pole Sapling Pole N Pine Pole Pole/Sap/Log Log/Pole	DBH 8 8 BH 5 BH 5 BH 5 BH 5 BH 5 BH 5 BH	ocked a Service of the service of t	Sub-Ca Northern 872.7 Sub-Ca	nopy Species White Cedar L nopy Species	Density High Unspecified Density Low	No Avg. Height No Avg. Height 5 - 10 feet	Sapling	understory. OPIC - FMD: Cyr Patterned Fen ERA Cyr Patterned Fen ERA MOST OF THIS AREA BURNED RICE LK FIRE 1986. Island of timber within Cyr Patterned Fen ERA. 2010: Dense 2-4" jack pine saplings that regenerated from the Rice
Norts 335	Tamarack Jack Pine 6121 - T Canopy Species Tamarack Black Spruce hern White Cedar White Pine 6225 6126 - Lowla Canopy Species Jack Pine Red Pine	15 10 Famarack ** Cover 70 10 19 1 1	Pole/Log/Sap Pole/Sap/Log Sapling/Pole Pole Size Class Pole/Sapling Sapling/Pole Sapling Pole N Prine Pole Pole Pole Pole Pole Pole Pole Pol	5 4 DBH 5 4 2 8 Ionsteinb	ocked a Service of the service of t	Sub-Ca Northern 872.7 Sub-Ca	nopy Species White Cedar L nopy Species	Density High Unspecified Density Low	No Avg. Height No Avg. Height 5 - 10 feet	Sapling	understory. OPIC - FMD: Cyr Patterned Fen ERA Cyr Patterned Fen ERA MOST OF THIS AREA BURNED RICE LK FIRE 1986. Island of timber within Cyr Patterned Fen ERA. 2010: Dense 2-4" jack pine saplings that regenerated from the Rice

Report 7 - Stands



Stand	Level 4 C	over Type	\$	Size De	nsity	Acres	Stand Age	BA Range	Managed :	Site	General Comments
37	623 - Emer	gent Wetla	nd	Nonsto	cked	25.7	l	Unspecified	No		
38	622	1 - Fen		Nonsto	cked	50.8	l	Unspecified	No		2010: MOST OF THIS AREA BURNED RICE LK FIRE 1986.
39	6121	Tamarack	P	oletimbe	er Well	3.8	35	Immature	N/A		Tamarack sapling finger with black spruce and white pine speckled in.
	Canopy Species White Pine	% Cover	Pole	8	Age						
	Black Spruce Tamarack	15 83	Sapling/Pole Pole/Sapling	5	35 35						
40	4136 - Aspen	ı, Mixed Co	nifer P	oletimbe	er Well	3.3	37	51-80	N/A		2010: 4-6" diameter 1-2 stick aspen poles over fully stocked aspen saplings and scattered F1. Stand is transitioning to a fully stocked pole stand.
41	6122 - BI	ack Spruce	P	oletimbe	er Well	0.9	107	51-80	N/A		2010: Black spruce with red pine and tamarck.
42	6121 - ⁻	Tamarack	P	oletimbe	er Well	3.9	35	Immature	N/A		Tamarack sapling finger with black spruce and white pine speckled in.
	Canopy Species	% Cover	Size Class	DBH	Age						
	White Pine	2	Pole	8							
	Black Spruce	15	Sapling/Pole	4	35						
	Tamarack	83	Pole/Sapling	5	35						
43	6122 - Bl	ack Spruce	P	oletimbe	er Well	11.8	119	111-140	N/A		Slight elevation rise with larger diameter black spruce.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	2010: GROWTH HAS SLOWED DRASTICALLY SEMI-OPEN SOME
	Tamarack	16	Log/Pole	10			Alder	Medium	5 - 10 feet	Tall Shrub	AREAS HAVE NICE PINE LOGS MOST SPRUCE & PINE ARE SMALL
	Black Spruce	80	Pole/Log	9	119						YET J4S4
No	rthern White Cedar	4	Log/Pole	10							
44	6122 - Bl	ack Spruce	P	oletimbe	er Well	1.7	119	111-140	N/A		Small stand of larger diameter black spruce.
	Canopy Species	% Cover	Size Class	DBH	Age						
	Tamarack	8	Log/Pole	10							
	Black Spruce	90	Pole/Log	9	119						
	Jack Pine	2	Log/Pole	10							
45	6122 - Bl	ack Spruce	Pol	etimber	Medium	8.2	119	81-110	N/A		Roland Conifer patch solid to Black Spruce with tamarack speckled in and dents Elder understory.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	and denies cider undersiory.
	Tamarack	20	Pole	7			Alder	High	5 - 10 feet	Tall Shrub	2010: GROWTH HAS SLOWED DRASTICALLY SEMI-OPEN SOME
	Black Spruce	80	Pole	8	119						AREAS HAVE NICE PINE LOGS MOST SPRUCE & PINE ARE SMALL YET J4S4



Stand	Level 4 C	over Type		Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
46	429 - Mixed	•		Poletimber Wo	-	119	111-140	N/A	Higher elevation pine ridge in the center with dense, large black spruce east and west. Large jack pine mixed in on the red pine ridge.
	Canopy Species		Size Class	DBH Age					
	Black Spruce	50	Pole/Log	9 119					2010: J5S5R4 Jack pine and black spruce island with the east side almost pure red pine poles.
	Jack Pine Red Pine	15	Log/Pole	10					unitost pare rea pino poles.
	White Pine	25 5	XLog	18					
	Tamarack	5	XLog Log/Pole	11					
	Tallialack	J	Log/Pole	11					
47	6126 - Low	and Jack P	ine	Sapling Well	3.2	35	51-80	N/A	2010: Cyr Patterned Fen ERA. Dense 2-4" jack pine saplings that
	Canopy Species	% Cover	Size Class	DBH Age					regenerated from the Rice Lake Fire of 1986.
	Jack Pine	100	Sapling/Pole	e 4 35					
48	6126 - Low	and Jack P	ine :	Sapling Mediu	m 9.1	35	Immature	N/A	Lower ground jack pine saplings. More dense in the north.
	Canopy Species	% Cover	Size Class	DBH Age					2010: Cyr Patterned Fen ERA. MOST OF THIS AREA BURNED RICE
	Tamarack	10	Sapling	3					LK FIRE 1986.
	Black Spruce	5	Sapling	3					
	Jack Pine	85	Sapling/Pole	9 4 35					
49	429 - Mixed	Jpland Con	ifers I	Poletimber We	ell 13.8	35	51-80	N/A	Jack pine saplings along the east transitioning to spruce along the west.
	Canopy Species	% Cover	Size Class	DBH Age					2010: Cyr Patterned Fen ERA. AREA BURNED IN RICE LK FIRE 1986
	Red Pine	2	Log/XLog	16					20.01 0)
	Tamarack	10	Pole/Log	9					
	Black Spruce	43	Pole	8 102					
	Jack Pine	45	Sapling/Pole	9 4 35					
50	6126 - Low	and Jack P	ine	Sapling Wel	1.5	35	51-80	N/A	2010: Cyr Patterned Fen ERA. Dense 2-4" jack pine saplings that
	Canopy Species	% Cover	Size Class	DBH Age					regenerated from the Rice Lake Fire of 1986.
	Jack Pine	100	Sapling/Pole						
51	6122 - B	lack Spruce	· 1	Poletimber We	ell 1.9	102	51-80	N/A	Black spruce and tamarack pole sized trees. Area in center is more
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	anopy Species	s Density	Avg. Height	Size sparse with tamarack and alder understory but other patches are dense to black spruce.
	Tamarack	30	Pole/Log	9		Alder	High		all Shrub
	Black Spruce	70	Pole	8 102			1		2010: BURNED RICE LK FIRE 1986
52	6126 - Low	and Jack P	ine	Sapling Wel	5.6	35	1-50	N/A	Lowland jack pine sapling patch.
	Canopy Species	% Cover	Size Class	DBH Age					2010: Cyr Patterned Fen ERA. AREA BURNED IN RICE LK FIRE 1986
	Red Pine	2	Log	14					
	Black Spruce	3	Sapling/Pole	9 3					
	Jack Pine	95	Sapling	3 35					

Gwinn Mgt. Unit



Stand	I Level 4 C	over Type	S	ize De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
53	6121 -	Tamarack % Cover			Medium	38.0	35	1-50	N/A		Lowland swale with tamarack, black spruce, and areas of jack pine saplings.
	Black Spruce	33	Pole/Sapling	5	Age						2010: AREA BURNED IN RICE LK FIRE 1986.
	Tamarack	50	Pole/Sapling	5	35						2010. AREA BURNED IN RICE LA FIRE 1900.
	White Pine	2	Log	10	33						
	Jack Pine	15	Pole/Sapling	5	35						
	Odok i ilio	10	1 ole/eapiirig		00						
54	4319 - Mixed	Upland Fo	orest Po	oletimb	er Well	9.5	85	51-80	N/A		Stand is a mix of hardwoods and conifers with white spruce and fir in the understory. The stand borders the Escanaba River. It is lower in
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	elevation than the adjacent stand.
	Bigtooth Aspen	20	Log/Pole	10	85	Bals	sam Fir	High	Variable	Sapling	,
No	rthern White Cedar	20	Pole/Log/Sap	8	85	White	e Spruce	Low	Variable	Sapling	
	White Spruce	10	Pole/Log/Sap	9							
	Red Maple	25	Pole/Log/Sap	9	85						
	Yellow Birch	5	Pole/Log/Sap	9							
	Balsam Fir	15	Pole/Sapling	7							
	White Pine	5	Log/Pole	12	85						
55	42220 - Nat	ural Jack P	ine Po	oletimb	er Well	3.2	35	51-80	N/A		Small hump dense to jack pine, small pole sized trees.
	Canopy Species	% Cover	Size Class	DBH	Age						2010: Cyr Patterned Fen ERA. BURNED RICE LK FIRE 1986
	White Pine	1	Log	12							20101 0). 1 41.01104 1014 2014 22 11102 2111 112 1000
	Red Pine	4	Log/XLog	16							
	Jack Pine	92	Pole/Sapling	5	35						
	Black Spruce	3	Pole	8							
56	6126 - Lowl	and Jack P	ine Sa	apling N	/ledium	17.2	35	1-50	N/A		lowland sparse Jack Pine saplings with FlexBrew speckled in areas.
	Canopy Species	% Cover	Size Class	DBH	Age						2010: BURNED RICE LK FIRE 1986
	Black Spruce	10	Sapling/Pole	4							2010. BONNED NIGE EXTINE 1000
	Jack Pine	90	Sapling	3	35						
57	6121 -	Tamarack	Pole	etimber	Medium	5.9	102	51-80	N/A		Sparser lowland conifer with alder understory.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	2010: Cyr Patterned Fen ERA. BURNED RICE LK FIRE 1986
	Tamarack	60	Pole/Log	9	102	F	Alder	Medium	5 - 10 feet	Tall Shrub	Solution of the state of the st
	Black Spruce	40	Pole	8						1	_
58	3301 - Low Dens	ity Deciduo	us Trees	Nonsto	cked	2.2	U	nspecified	No		2020: scattered shrubs and trees2010: Created grass opening.
59	6122 - B	ack Spruce	e Po	oletimb	er Well	17.2	102	51-80	N/A		Black spruce and tamarack pole sized trees. Area in center is more
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	sparse with tamarack and alder understory but other patches are dense to black spruce.2010: BURNED RICE LK FIRE 1986
	Tamarack	30	Pole/Log	9		P	Alder	High	5 - 10 feet	Tall Shrub	
	Black Spruce	70	Pole	8	102						-

Report 7 - Stands



Stand	Level 4 C	over Type		Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
60	6122 - Bl	ack Spruce	Po	oletimber Medium	1.3	102	51-80	N/A	small island, similar to nearby stands
	Canopy Species	% Cover	Size Class	DBH Age					
	Black Spruce	70	Pole	8 102					
	Tamarack	30	Pole/Log	9					
61	310 - Herbac	eous Openl	land	Nonstocked	1.4	25	Immature	No	2010: Created grass opening.
62	310 - Herbac	eous Openi	land	Nonstocked	1.0	25	Immature	No	2010: Created grass opening.
63	612 - Lowland (Coniferous	Forest Po	oletimber Medium	4.4	76	51-80	N/A	
64	6126 - Lowl			Sapling Well	3.7	35	51-80	N/A	2010: Cyr Patterned Fen ERA. Dense 2-4" jack pine saplings that regenerated from the Rice Lake Fire of 1986.
	Canopy Species Jack Pine	% Cover	Size Class Sapling/Pole	DBH Age 4 35					
65	6126 - Lowl		ine I	Poletimber Well	23.3	35	51-80	N/A	lowland in the East half transitioning to Upland ground in the west half. East half has larger pool Jack Pine and Spruce. West half dense to
	Black Spruce	45	Pole	8 102					Young Jack Pine saplings.2010: Cyr Patterned Fen ERA. Dense 2-4" jack pine saplings that regenerated from the Rice Lake Fire of 1986.
	Red Pine	2	Log	14					jack pine sapings that regenerated from the Rice Lake File of 1900.
	Jack Pine	53	Pole/Sapling						
66	500 -	- Water		Nonstocked	1.0		Unspecified	No	Small bog pond.
67	310 - Herbac	eous Openi	land	Nonstocked	47.4			No	High tension powerline. Upland and lowland.
68	6125 - Lowland E F	Black Spruc Pine	e, Jack I	Poletimber Well	5.6	102	51-80	N/A	2010: Cyr Patterned Fen ERA. Dense 2-4" jack pine saplings that regenerated from the Rice Lake Fire of 1986.
	Canopy Species	% Cover	Size Class	DBH Age					
	Black Spruce	40 8	Sapling/Pole/L	.og 4 102					
	Jack Pine	30	Pole/Log/Sap	p 4					
	Red Pine	10	Log/Pole/XLo	g 10					
	White Pine	10	Log/Pole/XLo	og 10					
No	rthern White Cedar	10 5	Sapling/Pole/L	.og 4					



Stand	d Level 4 Co	over Type	Si	ize De	nsity	Acres	Stand Age	BA Range	Managed Site	General Comments
69 No	Canopy Species Black Spruce Tamarack orthern White Cedar Jack Pine Red Pine White Pine	65 15 10	e Po Size Class Pole/Sap/Log Pole/Sap/Log Pole/Sap/Log Sapling/Pole/Log Log/Pole/XLog Log/Pole/XLog	DBH 6 5 5	Age 102	4.7	102	81-110	N/A	2010: Cyr Patterned Fen ERA. Dense 2-4" jack pine saplings that regenerated from the Rice Lake Fire of 1986.
70	6122 - Bla	ack Spruc	e Pol	letimb	er Poor	22.8	35	1-50	N/A	Burned in Rice Lake Fire. Mix of jack pine, spruce and tamarack.
71	6126 - Lowla Canopy Species Jack Pine Tamarack Black Spruce orthern White Cedar	% Cover	Pine Po Size Class Sapling/Pole/Log Pole/Sap/Log Pole/Log Sapling/Pole	DBH	Age 35	8.1	35	Immature	N/A	Island of timber within Cyr Patterned Fen ERA. 2010: Dense 2-4" jack pine saplings that regenerated from the Rice Lake Fire of 1986.
72	6126 - Lowlate Canopy Species Jack Pine White Pine Red Pine	% Cover 90 5			Age 35	8.7	35	Immature	N/A	Cyr Swamp ERA. 2010: Dense 2-4" jack pine sapllings that regenerated from the Rice Lake Fire of 1986.
73	310 - Herbace	eous Oper	nland N	Nonsto	cked	1.2	25	Immature	No	Created grass opening.
74	6122 - Black Canopy Species Black Spruce Tamarack White Pine	85 10 5	e Po Size Class Pole/Log/Sap Sapling/Pole Log/Pole/XLog		Age 102	8.3	102	81-110	N/A	Island of timber within Cyr Patterned Fen ERA.
75	42220 - Natu Canopy Species White Pine Black Spruce Jack Pine		Pine S Size Class Log Pole Sapling/Pole	DBH 12 8 4	Well Age	1.1	35	Immature	N/A	Small jack pine strip, large sapling to small pole sized trees.



Stand	Level 4 C	over Type	S	Size De	nsity	Acres	Stand Age	BA Range	Managed Site	General Comments
76	6126 - Lowl	and Jack P	Pine Po	oletimb	er Well	4.0	35	81-110	N/A	Island of timber within Cyr Patterned Fen ERA. 2010: Dense 2-4" jack
	Canopy Species	% Cover	Size Class	DBH	Age					pine saplings that regenerated from the Rice Lake Fire of 1986.
	Jack Pine	80	Pole/Sap/Log	5	35					
	Red Pine	5	Log/Pole	10						
	White Pine	5	Log/Pole	10						
	Black Spruce	5	Pole/Sap/Log	6						
	Tamarack	5	Pole/Sap/Log	6						
77	6126 - Lowl			oletimb	er Well	2.1	35	81-110	N/A	Island of timber within Cyr Patterned Fen ERA. 2010: Dense 2-4" jack pine saplings that regenerated from the Rice
	Canopy Species	% Cover	Size Class	DBH	Age					Lake Fire of 1986.
	Jack Pine	85	Sapling/Pole	4	35					
	Black Spruce	10	Pole/Sap/Log	6						
	Tamarack	5	Sapling/Pole/Log	g 3						
78	6122 - Bl	ack Spruce	e Sa	awtimb	er Well	4.5	82	Unspecified	N/A	2010: MOST OF THIS AREA BURNED RICE LK FIRE 1986.
	Canopy Species	% Cover	Size Class	DBH	Age					
	Black Spruce	85	Pole/Sap/Log	5	82					
	Tamarack	10	Pole/Sap/Log	5						
Nor	thern White Cedar	5	Sapling/Pole	4						
79	6126 - Lowl				· Medium	2.9	35	Immature	N/A	Island of timber within Cyr Patterned Fen ERA. BURNED RICE LK FIRE 1986
	Canopy Species		Size Class		l Age					1000
	Jack Pine		Sapling/Pole/Lo	-	35					
	Black Spruce	25	Pole/Sap/Log	6						
	Red Pine	10	Log/Pole/XLog							
	Tamarack		Sapling/Pole/Log	-						
Nor	thern White Cedar	5	Pole/Log/Sap	8						
80	500 -	- Water		Nonsto	ocked	0.9		Unspecified	No	Small bog pond.
81	6129 - Mixed Co	oniferous Lo orest	owland Po	oletimb	er Well	2.9	102	51-80	N/A	Within Patterned Fen ERA. 2010: Dense 2-4" jack pine saplings that regenerated from the Rice Lake
	Canopy Species	% Cover	Size Class		l Age					Fire of 1986.
	Black Spruce	45	Pole/Sap/Log	8	102					
Nor	thern White Cedar	25	Pole/Sap/Log	6						
	Tamarack	25	Pole/Sap/Log	6						
			Log/Pole/XLog							



Stand	I Level 4 C	over Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
82	6126 - Lowl	and Jack Pine	Poletimber Well	1.9	35	111-140	N/A	Island of timber within Cyr Patterned Fen ERA.
	Canopy Species	% Cover Size Clas	ss DBH Age					2010: Dense 2-4" jack pine saplings that regenerated from the Rice Lake Fire of 1986.
	Jack Pine	70 Sapling/Pol	e/Log 4 35					Lake File of 1990.
	Red Pine	10 Log/Pole/X	KLog 10					
	White Pine	10 Log/Pole/	Sap 12					
	Black Spruce	5 Pole/Log/	Sap 6					
	Tamarack	5 Pole/Sapl	ling 5					
83	6126 - Lowl	and Jack Pine	Poletimber Well	1.8	35	51-80	N/A	Island of timber within Cyr Patterned Fen ERA.
	Canopy Species	% Cover Size Clas	ss DBH Age					2010: Dense 2-4" jack pine saplings that regenerated from the Rice Lake Fire of 1986.
	Jack Pine	100 Sapling/P						Lake File Of 1900.
84	6126 - Lowl	and Jack Pine	Sapling Well	1.1	35	51-80	N/A	Island of timber within Cyr Patterned Fen ERA
	Canopy Species	% Cover Size Clas	ss DBH Age					2010: Dense 2-4" jack pine saplings that regenerated from the Rice Lake Fire of 1986.
	Jack Pine	100 Sapling/P	Pole 4 35					Edito File of 1990.
85	6121 -	Tamarack	Poletimber Well	12.0	35	Immature	N/A	Tamarack sapling finger with black spruce and white pine speckled in.
	Canopy Species	% Cover Size Clas	ss DBH Age					
	White Pine	2 Pole	8					
	Black Spruce	15 Sapling/P						
	Tamarack	83 Pole/Sapl	ling 5 35					
86	6126 - Lowl	and Jack Pine	Poletimber Well	11.4	35	51-80	N/A	Island of timber within Cyr Patterned Fen ERA.
	Canopy Species	% Cover Size Clas	ss DBH Age					2010: Dense 2-4" jack pine saplings that regenerated from the Rice Lake Fire of 1986.
	Jack Pine	75 Sapling/Pol	e/Log 4 35					Lake 1 110 01 1000.
	Red Pine	10 Pole/Sap/	Log 8					
	White Pine	5 Pole/Sap/	Log 8					
	Tamarack	5 Sapling/Pol	e/Log 4					
	Black Spruce	5 Sapling/Pol	e/Log 4					
87	42220 - Nat	ural Jack Pine	Sawtimber Well	1.9	75	141-170	N/A	Small elevation hump with large jack pine log sized trees and black
	Canopy Species	% Cover Size Clas	ss DBH Age					spruce. Average 160 BA.
	Black Spruce	15 Pole	7 102					OPIC - FMD: Island of timber within Cyr Patterned Fen ERA. Dense 2-4"
	White Pine	2 Log	16					jack pine sapllings that regenerated from the Rice Lake Fire of 1986.
	Jack Pine	81 Log/Pol						
	Tamarack	2 Log/Pol	le 10					



and WP. This stand should be checked to see if it regenerated. 2010: Nice jack pine on ridges, grades into black spruce on the fring The silvicultural prescription for this stand is a seed tree harvest, retaining some jack pine for seed, and the white pine, red pine, cedar with the prefered regeneration method a Rx burn after harvest. We realize most of the overstroy trees will be lost when the stand is prescribed burned. If regeneration can't be accomplished thru burn then anchor chain scarification would be the next best alternative. Access is through stand 12 on the west. There would be 3 small swa crossings required. The stands should be cut in the winter with the crossings filed with brush. To facilitate the Rx burn or scarification w summer crossings for equipment could be done with mats and/or fab TS #009-12-1 "Sooth Cyr". Completed 03/2017. 92 629 - Mixed non-forested wetland Nonstocked 4.7 Unspecified No Cyr Patterned Fen ERA 93 6122 - Black Spruce Poletimber Medium 3.6 102 51-80 N/A Black spruce and cedar mix. Canopy Species % Cover Size Class DBH Age Northern White Cedar 10 Log/Pole 10	Stand	Level 4 Co	over Type	e Si	ize Density	Acres	Stand Age	BA Range	Managed Site	General Comments
Tamarack 50 Pole/Sap/Log 6 76 Black Spruce 20 Pole/Sap/Log 6 76 Black Spruce 20 Pole/Sap/Log 6 76 Black Spruce 20 Pole/Sap/Log 6 76 Jack Pine 15 Sapling/Pole/Log 4 Red Pine 15 Sapling/Pole/Log 12 89 622 - Lowland Shrub Nonstocked 2.0 Unspecified No 90 6122 - Black Spruce Poleimber Well 4.6 35 51-80 N/A Island of timber within Cyr Patterned Fen ERA. 2010: Dense 2-4* Jack pine saplings that regenerated from the Rice Lake Fire of 1986. Canopy Species % Cover Size Class DBH Age Black Spruce 50 Pole/Sap/Log 6 35 Nonthern White Codar 4 & Pole/Sap/Log 6 6 35 Nonthern White Codar 4 & Pole/Sap/Log 6 4 Tamarack 5 Sapling/Pole/Log 4 91 3302 - Low Density Conifer Trees Nonstocked 3.3 0 Unspecified No 2020: Adjacent stand was viewed from edge. It had scattered large and WP. This stand should be checked to see if it regenerated. 2010: Nice jack pine on ridges, grades into black spruce on the fring The silvicultural prescription for this stand is a seed tree harvest. The relating specified with trush. To seed, and the white pine, cedar with the prefered regeneration method a Rx burn after harvest. We realize most of the overstory nees will be be town or sanification would be the next best alternative. Access is through stand 12 on the west. There would be 3 small swar crossings required. The stands should be cut in the winter with the crossings for equipment could be done with mats and/or fab TS 8009-12-15 "Sooth Cyr". Completed 03/2017. 92 629 - Mixed non-forested welland Nonstocked 4.7 Unspecified No Cyr Patterned Fen ERA Canopy Species % Cover Size Class DBH Age Nonthern White Cedar 10 Log/Pole 10	88	6121	Tamarack	. Po	letimber Well	21.9	76	81-110	N/A	
Black Spruce 20 Pole/Sap/Log 6		Canopy Species	% Cove	r Size Class	DBH Age					, , , ,
Northern White Cedar 5 Pole/Sap/Log 5		Tamarack	50	Pole/Sap/Log	6 76					
Saping/Pole/Log 10 Log/Pole/Log 12		Black Spruce	20		6					
Red Pine 10 Log/Pole/XLog 12	Nor	thern White Cedar								
89 622 - Lowland Shrub Nonstocked 2.0 Unspecified No 90 6122 - Black Spruce Poletimber Well 4.6 35 51-80 N/A Island of timber within Cyr Patterned Fen ERA. 2010: Dense 2-4" jack pine sapllings that regenerated from the Rice Lake Fire of 1986. 1 Sapling/Pole/Log 6 35 Nonstocked 5 Sapling/Pole/Log 4 Sapling/Pole/Log 5 Sapling/Pole/Log 4 Sapling/Pole/Log 5 Sapling/Pole/Log										
90 6122 - Black Spruce Poletimber Well 4.6 35 51-80 N/A Island of timber within Cyr Patterned Fen ERA, 2010: Dense 2-4" jack pine sapilings that regenerated from the Rice Lake Fire of 1986. September Septe		Red Pine	10	Log/Pole/XLog	12					
Canopy Species % Cover Size Class DBH Age Black Spruce 50 Pole/Sap/Log 6 35 Northern White Cedar 45 Pole/Sap/Log 6 35 Northern White Cedar 45 Pole/Sap/Log 6 35 Northern White Cedar 45 Sapling/Pole/Log 4 91 3302 - Low Density Conifer Trees Nonstocked 3.3 0 Unspecified No 2020: Adjacent stand was viewed from edge. It had scattered large and WP. This stand should be checked to see if it regenerated. 2010: Nice jack pine on ridges, grades into black spruce on the fring The silvicultural prescription for this stand is a seed tree harvest, retaining some jack pine for seed, and the white pine, red pine, cedar with the preferred regeneration can't be accomplished thru burn then anchor chain scarification would be the next best alternative. Access is through stand 12 on the west. There would be 3 small swa crossings frequired. The stands should be cut in the winter with the crossings filled with brush. To facilitate the Rx burn or scarification would be the next best alternative. Access is through stand 12 on the west. There would be 3 small swa crossings frequired. The stands should be done with mats and/or fab TS #009-12-1 "Sooth Cyr". Completed 03/2017. 92 629 - Mixed non-forested wetland Nonstocked 4.7 Unspecified No Cyr Patterned Fen ERA 93 6122 - Black Spruce Poletimber Medium 3.6 102 51-80 N/A Black spruce and cedar mix.	89	622 - Lov	vland Shru	1 du	Nonstocked	2.0		Unspecified	No	
Black Spruce 50 Poles/Sap/Log 6 35 Northern White Cedar 45 Pole/Sap/Log 6 4 333 0 Unspecified No 2020: Adjacent stand was viewed from edge. It had scattered large and WP. This stand should be checked to see if it regenerated. 2010: Nice jack pine on ridges, grades into black spruce on the fring The silvicultural prescription for this stand is a seed free harvest, retaining some jack pine for seed, and the white pine, red pine, cedar with the prefered regeneration method a Rx burn after harvest. We realize most of the overstroy trees will be lost when the stand is prescribed burned. If regeneration can't be accomplished thru burn then anchor chain scarification would be the next best alternative. Access is through stand 2 on the west. There would be 3 small swa crossings required. The standas should be cut in the winter with the crossings filled with brush. To facilitate the Rx burn or scarification wo summer crossings for equipment could be done with mats and/or fab TS #009-12-1 "Sooth Cyr". Completed 03/2017. 92 629 - Mixed non-forested wetland Nonstocked 4.7 Unspecified No Cyr Patterned Fen ERA 93 6122 - Black Spruce Poletimber Medium 3.6 102 51-80 N/A Black spruce and cedar mix.	90	6122 - BI	ack Sprud	ce Po	letimber Well	4.6	35	51-80	N/A	
Northern White Cedar 45 Pole/Sap/Log 6 Sapling/Pole/Log 4 91 3302 - Low Density Conifer Trees Nonstocked 3.3 0 Unspecified No 2020: Adjacent stand was viewed from edge. It had scattered large and WP. This stand should be checked to see if it regenerated. 2010: Nice jack pine on ridges, grades into black spruce on the fring The silvicultural prescription for this stand is a seed tree harvest, retaining some jack pine for seed, and the white pine, red pine, cedar with the preferred regeneration method a Rx burn after harvest. We realize most of the overstroy trees will be lost when the stand is a prescribed burned. If regeneration can't be accomplished thru burn then anchor chain scarification would be the next best alternative. Access is through stand 12 on the west. There would be 3 small swa crossings required. The stands should be cut in the winter with the crossings filled with brush. To facilitate the Rx burn or scarification we summer crossings for equipment could be done with mats and/or fab TS #009-12-1 *Scoth Cyr*. Completed 03/2017. 92 629 - Mixed non-forested wetland Nonstocked 4.7 Unspecified No Cyr Patterned Fen ERA 93 6122 - Black Spruce Poletimber Medium 3.6 102 51-80 N/A Black spruce and cedar mix.				i e						
Tamarack 5 Sapling/Pole/Log 4 91 3302 - Low Density Conifer Trees Nonstocked 3.3 0 Unspecified No 2020: Adjacent stand was viewed from edge. It had scattered large and WP. This stand should be checked to see if it regenerated. 2010: Nice jack pine on ridges, grades into black spruce on the fring The silvicultural prescription for this stand is a seed tree harvest, retaining some jack pine for seed, and the white pine, red pine, cedar with the preferred regeneration method a Rx burn after harvest. We realize most of the overstroy trees will be lost when the stand is prescribed burned. If regeneration can't be accomplished thru burn then anchor chain scarification would be the next best alternative. Access is through stand 12 on the west. There would be 3 small swa crossings required. The stands should be cut in the winter with the crossings filled with brush. To facilitate the Rx burn or scarification we summer crossings for equipment could be done with mats and/or fab TS #009-12-1 "Sooth Cyr". Completed 03/2017. 92 629 - Mixed non-forested wetland Nonstocked 4.7 Unspecified No Cyr Patterned Fen ERA 93 6122 - Black Spruce Poletimber Medium 3.6 102 51-80 N/A Black spruce and cedar mix. Canopy Species % Cover Size Class DBH Age Northern White Cedar 10 Log/Pole 10		·								
91 3302 - Low Density Conifer Trees Nonstocked 3.3 0 Unspecified No 2020: Adjacent stand was viewed from edge. It had scattered large and WP. This stand should be checked to see if it regenerated. 2010: Nice jack pine on ridges, grades into black spruce on the fring The silvicultural prescription for this stand is a seed tree harvest, retaining some jack pine for seed, and the white pine, red pine, cedar with the prefered regeneration method a Rx burn after harvest. We realize most of the overstroy trees will be lost when the stand is prescribed burned. If regeneration can't be accomplished thru burn then anchor chain scarification would be the next best alternative. Access is through stand 12 on the west. There would be 3 small swa crossings filled with brush. To facilitate the Rx burn or scarification we summer crossings filled with brush. To facilitate the Rx burn or scarification we summer crossings for equipment could be done with mats and/or fab TS #009-12-1 "Sooth Cyr". Completed 03/2017. 92 629 - Mixed non-forested wetland Nonstocked 4.7 Unspecified No Cyr Patterned Fen ERA 93 6122 - Black Spruce Poletimber Medium 3.6 102 51-80 N/A Black spruce and cedar mix. Canopy Species 6 Cover Size Class DBH Age Northern White Cedar 10 Log/Pole 10	Nor									
and WP. This stand should be checked to see if it regenerated. 2010: Nice jack pine on ridges, grades into black spruce on the fring The silvicultural prescription for this stand is a seed tree harvest, retaining some jack pine for seed, and the white pine, red pine, cedar with the prefered regeneration method a Rx burn after harvest. We realize most of the overstroy trees will be lost when the stand is prescribed burned. If regeneration can't be accomplished thru burn then anchor chain scarification would be the next best alternative. Access is through stand 12 on the west. There would be 3 small swa crossings required. The stands should be cut in the winter with the crossings filled with brush. To facilitate the Rx burn or scarification we summer crossings for equipment could be done with mats and/or fab TS #009-12-1 "Sooth Cyr". Completed 03/2017. 92 629 - Mixed non-forested wetland Nonstocked 4.7 Unspecified No Cyr Patterned Fen ERA 93 6122 - Black Spruce Poletimber Medium 3.6 102 51-80 N/A Black spruce and cedar mix. Canopy Species % Cover Size Class DBH Age Northern White Cedar 10 Log/Pole 10		Tamarack	5	Sapling/Pole/Log	9 4					
The silvicultural prescription for this stand is a seed tree harvest, retaining some jack pine for seed, and the white pine, red pine, cedar with the prefered regeneration method a Rx burn after harvest. We realize most of the overstroy trees will be lost when the stand is prescribed burned. If regeneration can't be accomplished thru burn then anchor chain scarification would be the next best alternative. Access is through stand 12 on the west. There would be 3 small swa crossings required. The stands should be cut in the winter with the crossings filled with brush. To facilitate the Rx burn or scarification we summer crossings for equipment could be done with mats and/or fab TS #009-12-1 "Sooth Cyr". Completed 03/2017. 92 629 - Mixed non-forested wetland Nonstocked 4.7 Unspecified No Cyr Patterned Fen ERA 93 6122 - Black Spruce Poletimber Medium 3.6 102 51-80 N/A Black spruce and cedar mix. Canopy Species % Cover Size Class DBH Age Northern White Cedar 10 Log/Pole 10	91	3302 - Low Den	sity Conif	er Trees N	Nonstocked	3.3	0	Unspecified	No	2020: Adjacent stand was viewed from edge. It had scattered large RP and WP. This stand should be checked to see if it regenerated.
93 6122 - Black Spruce Poletimber Medium 3.6 102 51-80 N/A Black spruce and cedar mix. Canopy Species % Cover Size Class DBH Age Northern White Cedar 10 Log/Pole 10										retaining some jack pine for seed, and the white pine, red pine, cedar with the prefered regeneration method a Rx burn after harvest. We realize most of the overstroy trees will be lost when the stand is prescribed burned. If regeneration can't be accomplished thru burning, then anchor chain scarification would be the next best alternative. Access is through stand 12 on the west. There would be 3 small swamp crossings required. The stands should be cut in the winter with the crossings filled with brush. To facilitate the Rx burn or scarification work summer crossings for equipment could be done with mats and/or fabric.
Canopy Species % Cover Size Class DBH Age Northern White Cedar 10 Log/Pole 10	92	629 - Mixed nor	n-forested	wetland N	Nonstocked	4.7		Unspecified	No	Cyr Patterned Fen ERA
Northern White Cedar 10 Log/Pole 10	93	6122 - Bl	ack Sprud	ce Pole	timber Medium	n 3.6	102	51-80	N/A	Black spruce and cedar mix.
		Canopy Species	% Cove	r Size Class	DBH Age					
Black Spruce 90 Pole 8 102	Nor	thern White Cedar	10	Log/Pole	10					
		Black Spruce	90	Pole	8 102					

Gwinn Mgt. Unit Report 7 – Stands



6128 - Lowland C Deci anopy Species White Pine Paper Birch lack Spruce Red Maple ern White Cedar Jaking Aspen Balsam Fir	% Cover 5 5 10 10 25 15 30	s, Mixed Po r Size Class Log/Pole Pole/Sapling Pole/Sapling Pole/Log/Sap Pole/Log/Sap Log/Pole/Sap Pole/Sapling		Age	Bal Northern Blac	79 nopy Species sam Fir White Cedar k Spruce g Alder	High Low Medium	N/A Avg. Height Variable Variable	Size Sapling Sapling	The stand borders the Escanaba River. Budworm damage. A lot of smaller diameter trees.
White Pine Paper Birch Pack Spruce Red Maple ern White Cedar uaking Aspen Balsam Fir	5 5 10 10 25 15 30	Log/Pole Pole/Sapling Pole/Sapling Pole/Log/Sap Pole/Log/Sap Log/Pole/Sap	12 7 7 8 8 10	Age	Bal Northern Blac	sam Fir White Cedar k Spruce	High Low Medium	Variable Variable	Sapling	
Paper Birch lack Spruce Red Maple ern White Cedar uaking Aspen Balsam Fir	5 10 10 25 15 30	Pole/Sapling Pole/Sapling Pole/Log/Sap Pole/Log/Sap Log/Pole/Sap	7 7 8 8 10		Northern Blac	White Cedar k Spruce	Low Medium	Variable		
lack Spruce Red Maple ern White Cedar uaking Aspen Balsam Fir	10 10 25 15 30	Pole/Sapling Pole/Log/Sap Pole/Log/Sap Log/Pole/Sap	7 8 8 10		Blac	k Spruce	Medium		Sanling	
Red Maple ern White Cedar uaking Aspen Balsam Fir	10 25 15 30	Pole/Log/Sap Pole/Log/Sap Log/Pole/Sap	8 8 10			•			Sapility	
ern White Cedar uaking Aspen Balsam Fir	25 15 30	Pole/Log/Sap Log/Pole/Sap	8		Та	g Alder		Variable	Sapling	
uaking Aspen Balsam Fir	15 30	Log/Pole/Sap	10				Medium	5 - 10 feet	Tall Shrub	
Balsam Fir	30		_							
		Pole/Sapling	7							
6122 - Bla			1 .	79						
	•			er Well	8.3	102	81-110	N/A		Island of timber within Cyr Patterned Fen ERA. 2010: Dense 2-4" jack pine sapllings that regenerated from the Rice
anopy Species			_	_						Lake Fire of 1986.
lack Spruce	80			102						
White Pine	5		_							
Jack Pine			_							
ern White Cedar	5	Sapling/Pole/Log	4							
6229 - Mixed	l lowland s	hrub N	Nonsto	cked	211.6	U	Inspecified	No		2010: Cyr Patterned Fen ERA. MOST OF THIS AREA BURNED RICE LK FIRE 1986.
					Sub-Car	nopy Species	Density	Avg. Height	Size	LN FIRE 1900.
					Та	marack	Medium	5 - 10 feet	Sapling	
6126 - Lowla	and Jack F	Pine Po	letimb	er Well	6.4	35	51-80	N/A		Island of timber within Cyr Patterned Fen ERA. 2010: Dense 2-4" jack pine saplings that regenerated from the Rice
anopy Species										Lake Fire of 1986.
Jack Pine	70	Sapling/Pole/Log	4	35						
Red Pine	5	Log/Pole	10							
White Pine	5	Log/Pole	10							
lack Spruce	10	Pole/Sap/Log	5							
Tamarack	10	Pole/Sap/Log	5							
6121 - 1	Гатагаск	Ро	letimb	er Well	1.2	35 I	Immature	N/A		Tamarack sapling finger with black spruce and white pine speckled in.
anopy Species	% Cover	Size Class	DBH	Age						
White Pine	2	Pole	8							
lack Spruce	15	Sapling/Pole	4	35						
Tamarack	83	Pole/Sapling	5	35						
500 -	Water	N	Nonsto	cked	1.4			No		Small beaver pond.
1 V , E	ack Spruce White Pine Jack Pine em White Cedar 6229 - Mixed 6126 - Lowle Inopy Species Jack Pine Red Pine White Pine ack Spruce Tamarack 6121 - Inopy Species White Pine ack Spruce Tamarack	ack Spruce 80 White Pine 5 Jack Pine 10 Prn White Cedar 5 6229 - Mixed Iowland S 6126 - Lowland Jack F Inopy Species % Cover Jack Pine 5 White Pine 5 ack Spruce 10 Tamarack 10 6121 - Tamarack Inopy Species % Cover White Pine 2 ack Spruce 15	ack Spruce 80 Pole/Sap/Log White Pine 5 Log/Pole/XLog Jack Pine 10 Sapling/Pole/Log Immunity Sapling/Pole/Log Sapling/Pole	Sack Spruce	Sack Spruce	Red Pine 5 Log/Pole Log/Pole Log/Pole Log/Pole	Sub-Canopy Species	Red Pine 5	Red Pine 5 Log/Pole 10 Sapling Pole Sap Log Pole Sap Red Pine 5 Log/Pole 10 Sapling Pole Log 4 Sap Red Pine 70 Sap S	Spruce 80



Stand	d Level 4 C	Size Density			Acres	Stand Age	BA Range	Managed Site		General Comments	
100						7.7	7.7 102 111-140		N/A		Slight rise in elevation to upland spruce. Stand nearly solid black spruce. Average 120 BA.
	Canopy Species		Size Class		Age						·
	Tamarack	2 2	Log/Pole	10							Island of timber within Cyr Patterned Fen ERA.
	Paper Birch		Log	11							
No	orthern White Cedar	11	Log	12							
	Black Spruce	84	Pole	8	102						
	White Pine	1	XLog	24							
101	6122 - Bl	ack Spruce	•	Sapling	Well	7.7	35	1-50	N/A		Lowland conifer sapling mix.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	Cyr Patterned Fen ERA.
	Tamarack	25	Pole/Sapling	j 5		Norther	n White Cedar	High	10 - 20 feet	Sapling	- Cyr + anomou + Cri = 10 ii
	Black Spruce	60	Sapling	3	35						-
No	orthern White Cedar	15	Sapling	2							
102	6225 - Bog		Nonstocked		5.0	I	Unspecified	No		A few scattered trees.	
103	42220 - Nat	ural Jack P	ine I	Poletimb	er Well	3.0	35	1-50	N/A		Jack pine sapling ridge.
	Canopy Species	% Cover	Size Class	DBH	Age						
	Black Spruce	5	Sapling	3							
	Jack Pine	95	Pole/Sapling	5	35						
104	500 -	- Water		Nonsto	cked	1.2			No		Small bog pond.
105				Poletimb		15.7	35	1-50	N/A		Area has been filling in with trees.2010: Cyr Patterned Fen ERA. MOST OF THIS AREA BURNED RICE LK FIRE 1986.
	Canopy Species		Size Class		Age						
	Jack Pine	60	Pole/Sapling		35						
	Tamarack	25	Pole/Sapling								
	Black Spruce	15	Pole/Sapling	5							