Compartment Review Presentation

Traverse City Forest Management Unit Compartment 61144 Entry Year: 2027 Acreage: 1,930 County: Kalkaska Management Area: High Sand Plains

Stand Examiner: Paul Roell

Legal Description:

T25N R6W; Sections 22, 23, 24

Identified Planning Goals:

Management in the High Sand Plains area will emphasize continuing to balance the age class of aspen on suitable sites, the thinning the northern hardwoods, balancing age classes of red pine and jack pine and regenerating the aging oak resource. Management will strive to sustainably produce various forest products; enhance game and non-game wildlife habitat; protect areas of unique character and provide for forest-based recreational uses. Expected trends within this 10-year planning period are increased recreational pressure, managing oil and gas development, introduced pests and diseases and the difficulty in regenerating oak.

Soil and topography:

The compartment is generally flat with some rolling hills. Soils are mainly Roselawn Sand with patches of Rubican and Grayling Sands.

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

No private lands are within this compartment. There are some small private parcels around the compartment mainly single family homes and vacation homes. Land use is mainly hunting, orv recreation with a few oil and gas sites.

Unique Natural Features:

There are some historical records for wood turtles and Kirtlands warbler within the area especially on the eastern half of the compartment.

Archeological, Historical, and Cultural Features:

Nothing that impacts forest management is known about at this time.

Special Management Designations or Considerations:

None

Watershed and Fisheries Considerations:

None

Wildlife Habitat Considerations:

The majority of the compartment lies on an ice-contact ridge. Topography is usually steep and irregular. Soils are excessively drained loamy sand. The major forest types include aspen, red pine, and jack pine. Non-forested areas consist of cherry shrubland or little bluestem mixed with scattered jack pine. Through the center portion of Sec. 23 lies a finger of a broad outwash plain. This type of outwash plain is characterized by having excessively drained sandy soils. Within this compartment, a jack pine stand dominates this LTA.Ruffed grouse use different aged aspen throughout their life cycle. Younger stands provide cover while older stands provide catkins (food source) for the winter months. Clearcutting helps facilitate age class diversification of aspen by mimicking the necessary disturbances vital for regeneration. The creation of CWD trees for drumming logs and maintaining berry-producing shrubs is also desirable. The irregularly shaped cherry shrublands are important to many species of mammals, birds, and reptiles. Examples include red fox, northern flicker, and blue racer. The berries produced in these areas are a valuable food source. Where needed, openings should be maintained by using handfelling of woody encroachment or prescribed burning.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of ice-contact and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 400 and 600 feet. Beneath the glacial drift is the Mississippian Michigan Formation. The Michigan is quarried for gypsum elsewhere in the state. A gravel pit is located less than two miles to the southwest, on the border of sections 33 and 34, and there is good potential in the compartment. Tiger's Garfield Field is located just north of this compartment. The field produces from the Ordovician PdC and the Devonian Richfield. The entire compartment is currently leased.

Vehicle Access:

There is sufficient vehicle access within the compartment.

Survey Needs:

None needed at this time.

Recreational Facilities and Opportunities:

The Kalkaska ORV Route, designed for 72 inch wide ORV's runs North/South along the very Eastern edge of this compartment along a seasonal county road.

Fire Protection:

DNR Protection is provided by the Kalkaska Field Office.

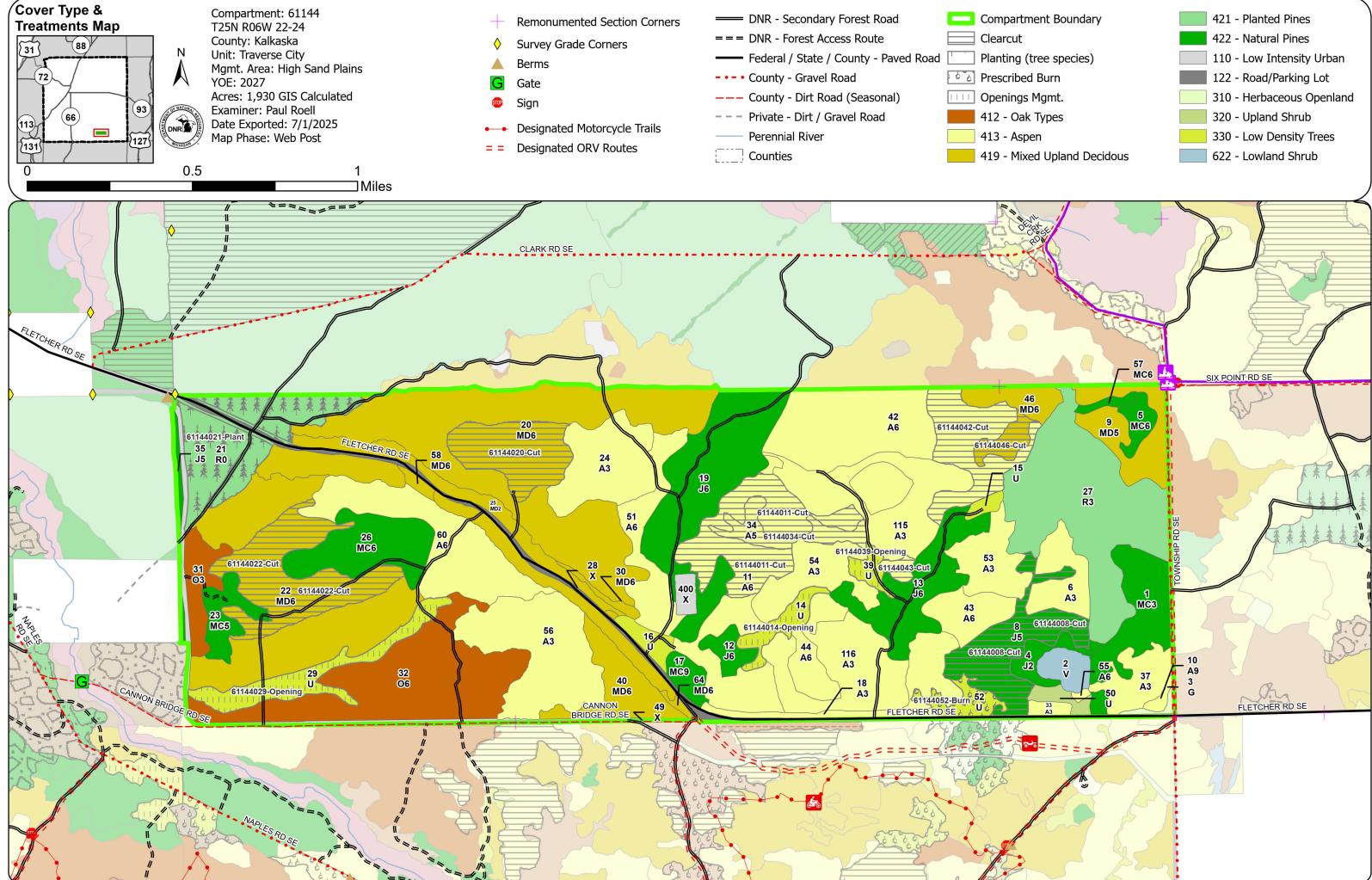
Additional Compartment Information:

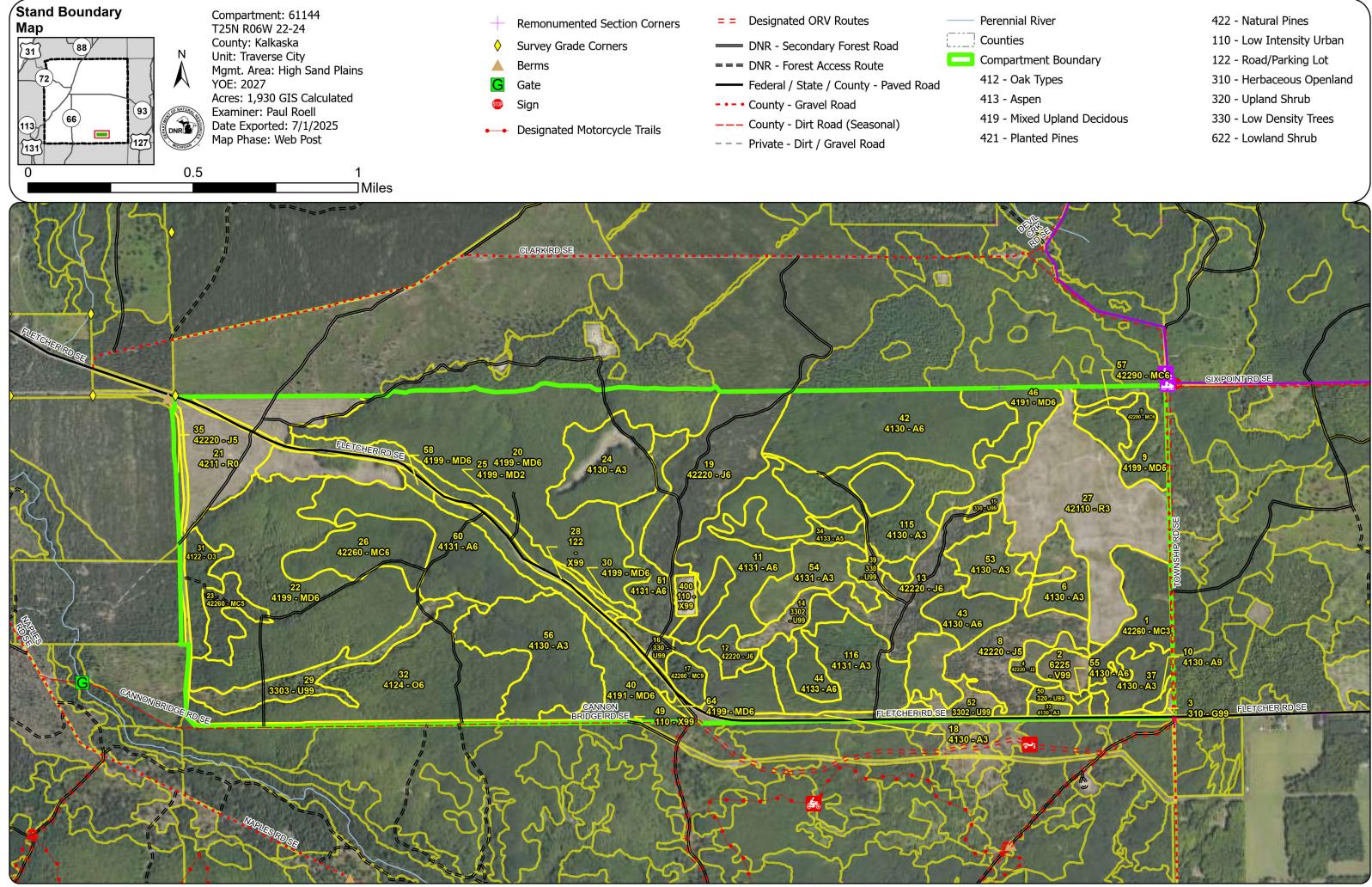
This compartment is leased to the Military (DMA) under the 20 year lease agreement.

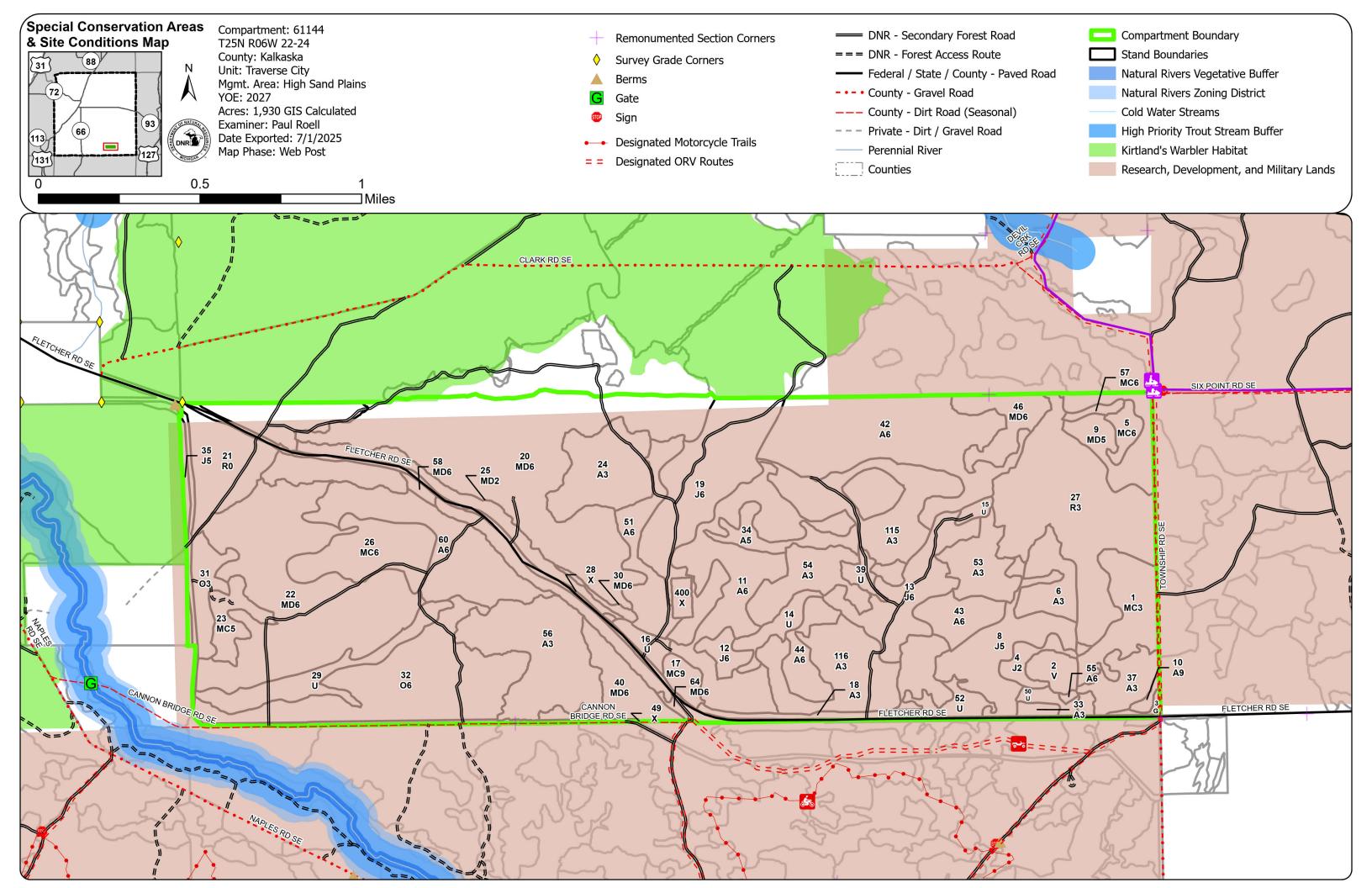
The following reports from the Inventory are attached:

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







Paul Roell: Examiner

Age Class

	Hor	KOOT C	85 / 4		\$ \$	3	62 - 13 ²	3 8	Se R		8 8 9	8 J.	an ra	8.	22 - 23	67.5 yr	ALL AL	St Jue	AND LOO
Aspen	0	194	126	20	0	0	355	2	0	0	0	0	0	0	0	0	0	0	697
Bog	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Herbaceous Openland	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Jack Pine	0	0	9	0	0	44	135	5	0	0	0	0	0	0	0	0	0	0	193
Low-Density Trees	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68
Mixed Upland Deciduous	0	68	0	0	0	0	375	0	22	31	4	0	0	0	0	0	0	0	500
Natural Mixed Pines	0	0	0	37	0	16	41	8	4	0	9	0	0	0	0	0	0	0	114
Oak	0	0	17	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	117
Red Pine	64	113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	177
Upland Shrub	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Urban	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46
Total	195	375	152	57	0	60	1006	15	26	31	13	0	0	0	0	0	0	0	1929

Report 2 – Treatment Summary

Traverse City Mgt. Unit		Compartment 144
Year of Entry: 2027	Acres of Harvest	Total Compartment Acres: 1,930
	Commercial Harvest - 528	
	Harvests with Site Condition - 0	
	Next Step Harvest - 0	
	Habitat Cut - 0	

Cover Type by Harvest Method

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Aspen		112	0	0	0	0	0	0	0	0	112	
Jack Pine		44	0	0	0	0	0	0	0	0	44	
Mixed Upland Deciduous		109	0	0	0	0	0	0	0	0	109	
	Total	265	0	0	0	0	0	0	0	0	265	

Proposed and Next Step Treatments by Method

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Current		265	0	57	0	10	0	0	0	0	379	
Next Step		0	0	0	0	0	0	379	0	0	379	
	Total	265	0	57	0	10	0	379	0	0	759	

S t	Tr	averse Cit	y Mgt. Unit		Repor	t3 '	Treatments		Compartmer Year of Entr		
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habi Cu
pose 52	d Treatmer 61144052-		3302 - Low Density	99			Burn	Prescribed Burn	3303 - Mixed	Previous	N
	Burn		Conifer Trees						Low Density Trees	Inventory	
Preso Spec Next	<u>s:</u> freque forbs. plantin	ncy of the t Remove e	ourns will be based	on current y herbicidi	s needs ng or oth	of restor	ation such as re ods. Maintain a	naintain a grassland, ducing woody encro is needed with mow roachment.	achment or pror	noting grasses	versus
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<u>Site (</u>	Condition:										
Propo	osed Start Date	<u>e:</u> 10/01/20	026								
46	61144046-Cut		4191 - Mixed Upland Deciduous with Conifer	6	75	111- 140	Harvest	Clearcut	413 - Aspen	Planting Record	Ν
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<u>Acce</u> Rege	<u>ptable</u> aspen	oak, red n	naple and pine								
<u>Other</u> Comr											
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43	61144043-Cut	3.5	4130 - Aspen	6	51	111- 140	Harvest	Clearcut	413 - Aspen	Planting Record	N
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Report 3 -- Treatments

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Proposed Start Date: 10/01/2026 34 61144034-Cut 16.0 4133 - Aspen, 5 51 1-50 Harvest Clearcut 413 - Aspen Mixed Pine Prescription Specs: Final harvest stand. Leave all white oak. Mark to leave no more than one white pine per acre for seed and vertical start Step Specs. Next Step Treatments: Monitoring, Natural Regen (Re-Inventory) Acceptable aspen, oak, pine and red maple	t 16.0 4133 - Aspen, 5 51 1-50 Harvest Clearcut 413 - Aspen Planting No Record No narvest stand. Leave all white oak. Mark to leave no more than one white pine per acre for seed and vertical structure. Include drum lo pring, Natural Regen (Re-Inventory) , oak, pine and red maple												
34 61144034-Cut 16.0 4133 - Aspen, Mixed Pine 5 51 1-50 Harvest Clearcut 413 - Aspen Prescription Specs: Final harvest stand. Leave all white oak. Mark to leave no more than one white pine per acre for seed and vertical st spec. Specs: Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable aspen, oak, pine and red maple	t 16.0 4133 - Aspen, 5 51 1-50 Harvest Clearcut 413 - Aspen Planting No Record No narvest stand. Leave all white oak. Mark to leave no more than one white pine per acre for seed and vertical structure. Include drum log pring, Natural Regen (Re-Inventory) , oak, pine and red maple			· 10/01/20	126								
Specs: spec. Next Step Treatments: Monitoring, Natural Regen (Re-Inventory) Acceptable aspen, oak, pine and red maple	pring, Natural Regen (Re-Inventory) , oak, pine and red maple				4133 - Aspen,	5	51	1-50	Harvest	Clearcut	413 - Aspen		No
Treatments: Acceptable aspen, oak, pine and red maple	, oak, pine and red maple			narvest star	nd. Leave all white o	oak. Mark t	to leave	no more	than one white p	ine per acre for see	ed and vertical st	ructure. Includ	e drum lo
				oring, Natur	al Regen (Re-Inver	ntory)							
	<u>2:</u> 10/01/2026	<u>Acce</u> Reg		, oak, pine	and red maple								
Other Comment:	<u>ə:</u> 10/01/2026												
Site Condition:	<u>ə:</u> 10/01/2026	<u>Site</u>	Condition:										
Proposed Start Date: 10/01/2026		<u>Prop</u>	bosed Start Date	<u>e:</u> 10/01/20)26								

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Report 3 -- Treatments

t											
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habit Cut
29	61144029- Opening	29.2	3303 - Mixed Low Density Trees	99			Openings Mgmt.	Openings Mgmt.	3303 - Mixed Low Density Trees	Previous Inventory	No
<u>Prescr</u> Specs	fruiting	shrubs, a seed bar forage an	ve woody vegetatior nd a scattering of ot nk and encourage ex d cover. Eventually	her trees a kisting nati	ind shru ve vege	bs. Coul ation. A	d plant native shr ugment with addi	ubs and trees. Sh tional native seeds	ould eventually b	ourn to stimulat	e any site for
<u>Next S</u> Treatn											
<u>Accep</u> Regen											
<u>Other</u> Comm	ent:										
	ondition:										
	sed Start Date:		026 4199 - Other Mixed	6							
22 (61144022-Cut	02.1	4199 - Other Wilkeu		51	01 110	Horvoot	Clearaut	4121 Annon	Dianting	NI/
			Upland Deciduous	0	51	81-110	Harvest	Clearcut	4131 - Aspen, Oak	Planting Record	N
<u>Prescr</u> Specs			Upland Deciduous nd. Leave all white c drum log specs.		-				Oak	Record	
	restricti	ons and c	nd. Leave all white c	oak. Mark t	-				Oak	Record	
<u>Specs</u> <u>Next S</u> Treatn	<u>tep</u> Monitor nents: table Aspen,	ons and c ing, Natu	nd. Leave all white o drum log specs.	oak. Mark t	-				Oak	Record	Nc re oak wi
<u>Specs</u> <u>Next S</u> <u>Treatn</u> <u>Accep</u>	<u>tep</u> Monitor <u>tents:</u> table Aspen, <u>:</u>	ons and c ing, Natu	nd. Leave all white c drum log specs. ral Regen (Re-Inven	oak. Mark t	-				Oak	Record	
<u>Specs</u> <u>Next S</u> <u>Treatn</u> <u>Accep</u> <u>Regen</u> <u>Other</u> <u>Comm</u>	<u>tep</u> Monitor <u>tents:</u> table Aspen, <u>:</u>	ons and c ing, Natu	nd. Leave all white c drum log specs. ral Regen (Re-Inven	oak. Mark t	-				Oak	Record	
Specs Next S Treatn Accep Regen Other Comm Site C	<u>tep</u> Monitor nents: table Aspen, <u>:</u> eent:	ons and c ing, Natur oak, pine	nd. Leave all white o drum log specs. ral Regen (Re-Inven and red maple	oak. Mark t	-				Oak	Record	
Specs Next S Treatn Accep Regen Other Comm Site C Propos	<u>tep</u> Monitor nents: table Aspen, <u>:</u> ent: ondition:	ons and c ing, Natur oak, pine	nd. Leave all white o drum log specs. ral Regen (Re-Inven and red maple	oak. Mark t	-				Oak	Record	
Specs Next S Treatn Accep Regen Other Comm Site C Propos 20 (restricti <u>itep</u> Monitor <u>table</u> Aspen, <u>i</u> <u>table</u> Aspen, <u>table</u> Aspen, <u>ta</u>	ons and c ing, Natur oak, pine <u>10/01/2</u> 38.5 - arvest star	nd. Leave all white o drum log specs. ral Regen (Re-Inven and red maple 026 4199 - Other Mixed	bak. Mark t tory) 6	o leave	no more 111- 140	than one white pi	ne per acre for see	Oak ed and vertical st 4131 - Aspen, Oak	Record ructure. Requir Planting Record	re oak w
Specs Next S Treatn Accep Regen Other Comm Site C Propos 20 6 Prescr	table Aspen, table Aspen, table Aspen, ent: ondition: sed Start Date: 51144020-Cut iption Final have restriction tep Monitor	ons and c ing, Natur oak, pine 10/01/2 38.5 arvest stat ons and c	nd. Leave all white o drum log specs. ral Regen (Re-Inven and red maple 026 4199 - Other Mixed Upland Deciduous nd. Leave all white o	bak. Mark t tory) 6 bak. Mark t	o leave	no more 111- 140	than one white pi	ne per acre for see	Oak ed and vertical st 4131 - Aspen, Oak	Record ructure. Requir Planting Record	re oak w
Specs Next S Treatn Accep Regen Other Comm Site C Propos 20 6 Prescr Specs Next S Treatn	restricti <u>itep</u> Monitor <u>hents:</u> Monitor <u>table</u> Aspen, <u>i</u> <u>table</u> Aspen, <u>i</u> <u>table</u> Aspen, <u>tiption</u> Final has <u>tiption</u> Final has <u>tiption</u> Final has <u>tiption</u> Monitor <u>hents:</u> Monitor	ons and c ing, Natur oak, pine 10/01/2 38.5 arvest star ons and c ing, Natur	nd. Leave all white of drum log specs. ral Regen (Re-Inven and red maple 026 4199 - Other Mixed Upland Deciduous nd. Leave all white of drum log specs.	bak. Mark t tory) 6 bak. Mark t	o leave	no more 111- 140	than one white pi	ne per acre for see	Oak ed and vertical st 4131 - Aspen, Oak	Record ructure. Requir Planting Record	re oak w
Specs Next S Treatn Accep Regen Other Comm Site C Propos 20 6 Prescr Specs Next S Treatn Accep	restricti tep Monitor table Aspen, table Aspen, tent: ondition: sed Start Date: sed Start Date: set Start Date: tep Monitor tents: table aspen, table aspen,	ons and c ing, Natur oak, pine 10/01/2 38.5 arvest star ons and c ing, Natur	nd. Leave all white of drum log specs. ral Regen (Re-Inven e and red maple 026 4199 - Other Mixed Upland Deciduous nd. Leave all white of drum log specs. ral Regen (Re-Inven	bak. Mark t tory) 6 bak. Mark t	o leave	no more 111- 140	than one white pi	ne per acre for see	Oak ed and vertical st 4131 - Aspen, Oak	Record ructure. Requir Planting Record	re oak w
Specs Next S Treatn Accep Regen Other Comm Site C Propos 20 6 Prescr Specs Next S Treatn Accep Regen Other Comm	restricti tep Monitor table Aspen, table Aspen, tent: ondition: sed Start Date: sed Start Date: set Start Date: tep Monitor tents: table aspen, table aspen,	ons and c ing, Natur oak, pine 10/01/2 38.5 arvest star ons and c ing, Natur	nd. Leave all white of drum log specs. ral Regen (Re-Inven e and red maple 026 4199 - Other Mixed Upland Deciduous nd. Leave all white of drum log specs. ral Regen (Re-Inven	bak. Mark t tory) 6 bak. Mark t	o leave	no more 111- 140	than one white pi	ne per acre for see	Oak ed and vertical st 4131 - Aspen, Oak	Record ructure. Requir Planting Record	re oak w

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Report 3 -- Treatments

Compartment: 144 Year of Entry: 2027

t											
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
14	61144014- Opening	11.4 \$	3302 - Low Density Conifer Trees	99			Openings Mgmt.	Openings Mgmt.	3303 - Mixed Low Density Trees	Previous Inventory	No
Pres Spec	<u>s:</u> fruitin existi	g shrubs, ar ng seed bar e forage an	ve woody vegetation nd a scattering of otl k and encourage ex d cover. Eventually	her trees a kisting nati	and shru ve vege	bs. Coul tation. A	d plant native shr ugment with addi	ubs and trees. Sh tional native seeds	ould eventually b /seedling as nee	ourn to stimulat ded to diversif	te any y site for
	<u>Step</u> tments:										
Acce Rege	e <u>ptable</u> en:										
Othe Com	<u>er</u> ment:										
Site	Condition:										
<u>Prop</u>	osed Start Dat	<u>e:</u> 10/01/20	026								
11	61144011-Cı	t 52.1	4131 - Aspen, Oak	6	51	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Trea</u> <u>Acce</u> <u>Rege</u>	<u>Step</u> Monit tments: eptable Aspe	oring, Natur	al Regen (Re-Inven and red maple	tory)							
<u>Othe</u> Com	<u>r</u> ment:										
<u>Site</u>	Condition:										
<u>Prop</u>	osed Start Dat	<u>e:</u> 10/01/20	026								
8	61144008-Cı	t 44.4	42220 - Natural Jack Pine	5	55	1-50	Harvest	Clearcut	4222 - Natural Jack Pine	Planting Record	No
<u>Pres</u> Spec		harvest star	nd. Require post har	vest scari	fication.						
Next	<u>Step</u> ; Mor tments:	nitoring, Nat	ural Regen (Interme	ediate)							
Trea		rotoly to full	v stocked Jack pine	, red or wh	nite pine	, aspen a	and oaks, cherry a	and red maple.			
			y election back pillo								
Acce Rege Othe	en:										
Acce Rege Othe Com	en: Pr										

Approved Treatments:

21	61144021- Plant	57.0 4211 - Planted Red Pine	0	0 Immatu re	Planting	4211 - Planted Red Pine	Planting Record	No
Presc Spece	<u> </u>	red pine after site trenched						
<u>Next S</u> Treatr	<u>Step ; ; ;</u> ments:	Monitoring, Artificial Regen; ;	Monitorir	ng, Artificial Rege	en (3yr)			
<u>Accep</u> <u>Rege</u> i		e mixed with a little oak, maple	and aspen	n is ok.				
<u>Other</u> Comn		t to Treat = 100%						

	Ті	raverse Cit	y Mgt. Unit		Repor	rt3 ˈ	Treatments		Compartme	nt: 144	
S									Year of Ent	ry: 2027	
t											
a n	Treatment	Acres	Stand	Size	Stand	BA	Treatment	Treatment	Cover Type	Age	Habitat
d	Name		CoverType	Density	Age	Range	Туре	Method	Objective	Structure	Cut
<u>Site</u>	Condition:										
Prop	osed Start Date	<u>e:</u> 10/01/20)24								

Total Treatment Acreage Proposed: 379.3

Compartment: 144 Year of Entry: 2027



Paul Roell: Examiner

Availability for Management

Avalia	ionity for	wanayemer			
Total	Acres	Acres Avail	Acres		Dominant Site Conditions
Acres	Available	With Condition	Not Available		5E
698	697	0	1	Aspen	1
10	10	0	0	Bog	
2	2	0	0	Herbaceous Openland	
194	188	0	5	Jack Pine	5
68	68	0	0	Low-Density Trees	
499	492	0	7	Mixed Upland Deciduous	7
114	110	0	4	Natural Mixed Pines	4
117	117	0	0	Oak	
176	177	0	0	Red Pine	
5	5	0	0	Upland Shrub	
46	46	0	0	Urban	
1,930	1,913		17	Total Forested Acres	17
	99%		1%	Relative Percent	

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
2	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Long Term Retentio	n from Stand 27 re-plant					
3	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Retention from timb	er sale on stand 25					

			Report 4 – Site Condi	tions	Compartment: 144 Year of Entry: 2027	DRATING ALL
Unavailable	5E: Long-Term Retention	5	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:						
Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						
Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						
	Pau Unavailable Comments: Unavailable Comments:	Comments: Unavailable 5E: Long-Term Retention Comments: Unavailable 5E: Long-Term Retention	Paul Roell: Examiner Unavailable 5E: Long-Term Retention 5 Omments: 3 3 Unavailable 5E: Long-Term Retention 3 Unavailable 5E: Long-Term Retention 1	Traverse City Mgt. Unit Paul Roell: Examiner Unavailable 5E: Long-Term Retention 5 5E: Long-Term Retention Comments: Unavailable 5E: Long-Term Retention 3 Unspecified Unavailable 5E: Long-Term Retention 3 Unspecified Unavailable 5E: Long-Term Retention 1 Unspecified	Paul Roell: Examiner Unavailable 5E: Long-Term Retention 5 E: Long-Term Retention Unspecified Comments: Unavailable 5E: Long-Term Retention 3 Unspecified Unspecified Unavailable 5E: Long-Term Retention 3 Unspecified Unspecified Unavailable 5E: Long-Term Retention 1 Unspecified Unspecified	Traverse City Mgt. Unit Compartment: 144 Paul Roell: Examiner Year of Entry: 2027 Unavailable 5E: Long-Term Retention 5 5E: Long-Term Retention Unspecified Unspecified Unavailable 5E: Long-Term Retention 3 Unspecified Unspecified Unspecified Unavailable 5E: Long-Term Retention 3 Unspecified Unspecified Unspecified Unavailable 5E: Long-Term Retention 1 Unspecified Unspecified Unspecified

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

Stan	d Level 4 C	over Type		Size De	ensity	Acres	Stand Ag	e BA Range	Managed Site	e	General Comments
1	42260 - Natural Pi	ne, Mixed E	Deciduous	Sapling	g Well	37.0	26	Immature	N/A		Stand was cut under Leatherman Pine contract. There are a few
	Canopy Species	% Cover	Size Class	DBH	l Age						pockets of mature red pine and oak
	Jack Pine	50	Pole	4	26						
	Bigtooth Aspen	25	Pole	4	27						
	White Oak	5	Log	3							
	Red Oak	10		4	27						
	Red Pine	10		4	25						
2	622	5 - Bog		Unspe	ecifed	10.3			No		
						Sub-Ca	anopy Spec	ies Density	Avg. Height	Size	
							ack Pine	Low	Variable	Variable	
3	310 - Herbac	eous Open	land	Unspe	ecifed	2.1			No		
4	42220 - Nat	tural Jack P	line	Sapling	g Poor	9.0	16	Immature	N/A		Stand was harvested in 2009 under the Scattered Pine Contract.
	Canopy Species	% Cover	Size Class	DBH	I Age						Retention was left on the east side.
	Jack Pine	100	Log	1	16						
5	42290 - Nat	ural Mixed F	Pine	Poletimb	er Well	7.7	64	111-140	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Quaking Aspen	5	Sapling	6	51						
	Red Oak	10	Seedling	8							
	Red Pine	25		8							
	Red Maple	5	Seedling	6							
	White Pine	45		8	64						
	Jack Pine	10	Seedling	6							
6	4130	- Aspen		Sapling	g Well	21.8	13	Immature	N/A		Cut in the summer of 2012. Tremendouse aspen regeneration. Sal
	Canopy Species	% Cover	Size Class	DBH	l Age						#045-11
	Black Cherry	5	Log	2							
	Red Oak	10	Sapling	6							
	Red Maple	10	Log	1	13						
	Bigtooth Aspen	25	Log	2							
	Quaking Aspen	50	Log	2	13						
8	42220 - Nat	ural Jack P	rine Po	oletimbe	r Mediur	n 44.4	55	1-50	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Jack Pine	80	Seedling	8	55						
	Black Cherry	10		5	55						
	Quaking Aspen	10	Seedling	6							

Report 7 – Stands

Stand	Level 4 C	over Type		Size De	ensitv	Acres	Stand Age	BA Range	Managed Si	te	General Comments
9	4199 - Other Mixe			Sapling	,	30.6	86	51-80	N/A		Stand was harvested in 2013 Tremendous aspen regeneration. Sale
3	Canopy Species		Size Class		Age	0010		0.00			#045-11. All the oak was left which has shaded out some aspen.
	Red Pine	5 5	Log	1	Age						
	Red Oak	55	Log	9	86						
	Red Maple	10	Log	1	00						
	Bigtooth Aspen	30	Log	3	13						
10	• •	- Aspen	5	Sawtimb		2.4	63	81-110	N/A		
10	Canopy Species		Size Class		I Age			01110			
	Red Pine	5		8	J						
	White Pine	5		10							
	Red Maple	5	Seedling	8							
	Bigtooth Aspen	85		10	63						
11	4131 - /	Aspen, Oak		Poletimb	er Well	85.5	51	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size]
	Red Maple	10		6		Re	ed Maple	Low	5 - 10 feet	5 - 10 feet	
	Bigtooth Aspen	55	Seedling	8	51	W	hite Pine	Low	5 - 10 feet	5 - 10 feet	
	White Pine	10	Sapling	6					·		_
	Jack Pine	5		6							
	Red Oak	15	Seedling	8							
	White Oak	5	Sapling	6							
12	42220 - Na	tural Jack F	Pine Po	oletimbe	r Mediu	m 8.5	53	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBH	I Age						
	Jack Pine	85	Seedling	8	53						
	Quaking Aspen	10	Seedling	6							
	Red Oak	5	Seedling	6							
13	42220 - Na	tural Jack F	Pine I	Poletimb	er Well	44.3	44	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBH	I Age						
	Jack Pine	75	Seedling	6	44						
	Black Cherry	10	Pole	4							
	Red Maple	5	Seedling	6							
	Quaking Aspen	5	Seedling	6							
	Red Oak	5	Seedling	6							
14	3302 - Low Der	nsity Conife	er Trees	Unspe	cifed	11.4			Yes		
15	330 - Low-	Density Tre	ees	Unspe	cifed	3.3			Yes		OPIC - FMD: Stand 400 – 2005 SGG: Burn to promote existing little bluestem and other native herbaceous vegetation. OI Stand Year Origin was will this work???

Traverse Cit	y Mgt. Unit	
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Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	ite	General Comments
16	330 - Low-	Density Tre	es	Unspe	cifed	7.4			No		Scattered black cherry w.pine- juneberry, oak and red maple.
17	42260 - Natural Pi	ine, Mixed D	eciduous	Sawtimb	er Wel	l 8.5	97	81-110	N/A		Stand was thinned under the Scattered Pine contract in 2009.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	
	White Pine	25		14	97	Re	d Maple	Low	5 - 10 feet	5 - 10 feet	
	Red Oak	15		13	97	WI	nite Pine	Medium	5 - 10 feet	5 - 10 feet	
	Red Maple	20		10	97			1			-
	Red Pine	40		13	97						
18	4130	- Aspen		Sapling	Well	9.3	6	Immature	N/A		Stand was final harvested in 2018 with some scattered white oak and pine left.
	Canopy Species	% Cover	Size Class	DBH	Age						
	White Pine	2		9							
	White Oak	5		12							
	Red Maple	20	Log	2							
	Bigtooth Aspen	63	Log	2	6						
	Red Oak	10	Log	2	6						
19	42220 - Nat			Poletimb		l 82.1	51	51-80	N/A		
	Canopy Species		Size Class		Age						
	Jack Pine	90	Seedling	6	51						
	Black Cherry	5	Sapling	5							
	Red Oak	5	Seedling	6							
20	4199 - Other Mixe	ed Upland D	eciduous	Poletimb	er Wel	l 192.0	51	111-140	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age		nopy Species	s Density	Avg. Height	Size	
	Red Maple	30	Sapling	6			nite Pine	Low	5 - 10 feet	5 - 10 feet	
	Bigtooth Aspen	35	Seedling	8	51	Re	d Maple	Medium	10 - 20 feet	10 - 20 feet	
	White Oak	5	Sapling	6							
	White Pine	3		8							
	Red Pine	2		8							
	Red Oak	25	Seedling	8							
21	4211 - Plar	nted Red Pi	ne	Unspe	cifed	63.5	0	Immature			2024 - Stand was site prep sprayed by contract helicopter 8/12/2024 2023 - Stand was trenched to Plant Red Pine 9/1/2023 2023 - Stand was harvested 2022-2023 Buck44 West Timber Sale.

tand	Level 4 C	over Type		Size D	ensity	Acres	Stand Age	BA Range	Managed Si	te	General Comments
22	4199 - Other Mixe	d Upland D	eciduous	Poletim	ber Well	150.9	51	81-110	N/A		
	Canopy Species	% Cover	Size Class	s DB	- Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	
	White Pine	10	Seedling	8		Wh	nite Pine	Low	5 - 10 feet	5 - 10 feet	
	Red Oak	35	Seedling	8	51			I	I		_
	Red Maple	10	Seedling	6							
	Bigtooth Aspen	25	Seedling	8							
	Red Pine	5	Seedling	8							
	White Oak	15	Seedling	6							
23	42260 - Natural Pi	ne, Mixed I	Deciduous F	Poletimbe	r Mediun	n 16.1	45	51-80	N/A		Sparse open grown stand filling in with white oak
	Canopy Species	% Cover	Size Class	s DB	- Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	
	Red Oak	10	Seedling	8		Wh	nite Oak	Medium	5 - 10 feet	5 - 10 feet	
	White Pine	10	Seedling	8					1		-
	Jack Pine	50	Seedling	6	45						
	Black Cherry	10	Seedling	6							
	Red Maple	10	Seedling	6							
	Bigtooth Aspen	5	Seedling	8							
	White Oak	5	Seedling	8							
24	4130	- Aspen		Saplin	g Well	43.6	3	Immature	N/A		Cut under Buck 44 west timbersale
	Canopy Species	% Cover	Size Class	s DB	H Age						
	Red Oak	10	Log	1	3						
	Red Maple	15	Log	1	3						
	Bigtooth Aspen	70	Log	1	3						
	White Oak	5	Log	1	3						
25	4199 - Other Mixe	d Upland D	eciduous	Sapling	Medium	68.0	3	Immature	N/A		Stand was harvested 2022-2023 Buck44 West Timber Sale. There were a few red and white pine with the occasional white oak marke
	Canopy Species	% Cover	Size Class	s DB	- Age		nopy Species	s Density	Avg. Height	Size	to remain for seed.
	Red Maple	35	Log	1	3	Wh	nite Pine	Medium	10 - 20 feet	10 - 20 feet	
	Bigtooth Aspen	30	Log	1	3						
	Red Oak	25	Log	1	3						
	White Oak	10	Log	1	3						
26	42260 - Natural Pi	ne, Mixed [Deciduous	Poletim		40.9	56	81-110	N/A		Red and white pine with pockets of aspen- oak
	Canopy Species		Size Class		H Age		nopy Species	s Density	Avg. Height	Size	
	Red Maple	10	Seedling			Wh	nite Pine	Low	5 - 10 feet	5 - 10 feet	
	Bigtooth Aspen	10	Seedling	8							
	Red Pine	30		8	56						
	White Pine	30		8	56						
	white Fille	50		0	00						

Report 7 – Stands

											-
Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	ite	General Comments
27	42110 - Pla		ine Size Class	Saplinç DBH	y Well I Age	113.0	5	Immature	N/A		Some scattered oak present within stand 2023 - Year 3 Regeneration Survey was completed 10/13/2023. There is currently
	Red Maple	10	Log	1	лус						750 Trees per acre and stand currently 83% free to grow at this time.
	Red Pine	90	Log	1	5						11/9/2021 - Year 1 regeneration survey completed. Stand has approximately 788 trees per acre. Stand is free to grow at this time no herbicide treatment is currently recommended. Check stand for year 3 regeneration survey is recommended. 5/4/21 - Stand was planted to red pine. 785 Trees per acre were planted. Stand was final harvested in 2018, trenched in 2019 and sprayed in 2020. Ready for initial plant in 2021.
28	122 - Roa	d/Parking L	ot	Unspe	cifed	24.3			No		OPIC - FMD: Fletcher Rd.
29	3303 - Mixed L	ow Density	Trees	Unspe	cifed	29.2			No		Scattered white pine and cherry
30	4199 - Other Mixe	ed Upland D	eciduous	Poletimb	er Wel	II 3.6	51	111-140	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Speci	es Density	Avg. Height	Size	
	White Pine	3		8		Red	d Maple	Medium	10 - 20 feet	10 - 20 feet	
	Red Maple	30	Sapling	6		Wh	ite Pine	Low	5 - 10 feet	5 - 10 feet	
	Bigtooth Aspen	35	Seedling	8	51			L.			-
	Red Pine	2		8							
	Red Oak	25	Seedling	8							
	White Oak	5	Sapling	6							
31	4122 -	Oak, Pine		Saplin	y Well	17.3	16	Immature	N/A		Stand was harvested in 2009 under the Scattered Pine contract.
	Canopy Species	% Cover	Size Class	DBH	Age						Green tree marked residual trees were left everything which met utilization spec 2.2 was cut.
	Bigtooth Aspen	10	Log	3	16						
	White Pine	5	Log	3							
	Jack Pine	25		2	16						
	White Oak	40	Pole	2	16						
	Red Oak	20		2	16						
32	4124 - Red	with White (Dak	Poletimb	er Wel	II 100.1	52	81-110	N/A	L .	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Speci	es Density	Avg. Height	Size	
	White Oak	20	Seedling	6	52	Serviceber	rry (Junebe	rry) Low	5 - 10 feet	5 - 10 feet	
	Red Maple	20	Seedling	6		Red	d Maple	Low	5 - 10 feet	5 - 10 feet	
	Bigtooth Aspen	15	Seedling	8							
	Red Oak	40	Seedling	6	52						
	White Pine	5	Seedling	8							

Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed Site)	General Comments
33	4130	- Aspen		Sapling	Well	3.4	6	Immature	N/A		Stand was final harvested in 2018.
	Canopy Species	% Cover	Size Class	DBH	Age						
	Red Oak	2	Log	1	6						
	Quaking Aspen	85	Log	1	6						
	Red Maple	3	Log	1	6						
	Bigtooth Aspen	10	Log	1	6						
34	4133 - Aspe	en, Mixed P	ine Po	oletimber	Medium	16.0	51	1-50	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age						
	Red Oak	5	Seedling	8							
	White Pine	5	Seedling	8							
	Jack Pine	15	Seedling	6							
	Black Cherry	15	Seedling	5							
	Quaking Aspen	20	Seedling	6	51						
	Red Maple	15	Seedling	6							
	Bigtooth Aspen	25	Seedling	8	51						
35	42220 - Nati	ural Jack P	ine Po	oletimber	Medium	5.3	69	51-80	N/A		retention for stand 21
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Specie	es Density	Avg. Height	Size	
	Canopy Species White Oak	% Cover 5	Size Class	DBH 8	Age 95		nopy Specie Red Oak	es Density Medium		Size 5 - 10 feet	
			Size Class		-						
	White Oak	5	Size Class Seedling	8	95						
	White Oak White Pine	5 7		8	95 75						
	White Oak White Pine Jack Pine	5 7 75		8 9 8	95 75 69						
	White Oak White Pine Jack Pine Red Pine Red Oak	5 7 75 3		8 9 8 9	95 75 69 75 95						
37	White Oak White Pine Jack Pine Red Pine Red Oak	5 7 75 3 10 - Aspen		8 9 8 9 8 8 Sapling	95 75 69 75 95	R	Red Oak	Medium	5 - 10 feet		
37	White Oak White Pine Jack Pine Red Pine Red Oak 4130	5 7 75 3 10 - Aspen	Seedling	8 9 8 9 8 8 Sapling	95 75 69 75 95 Well	R	Red Oak	Medium	5 - 10 feet		
37	White Oak White Pine Jack Pine Red Pine Red Oak 4130 Canopy Species	5 7 75 3 10 - Aspen % Cover	Seedling Size Class	8 9 8 9 8 Sapling	95 75 69 75 95 Well Age	R	Red Oak	Medium	5 - 10 feet		
37	White Oak White Pine Jack Pine Red Pine Red Oak 4130 Canopy Species Jack Pine	5 7 75 3 10 - Aspen % Cover 10	Seedling Size Class Log	8 9 8 9 8 8 Sapling DBH 2	95 75 69 75 95 Well Age 27	R	Red Oak	Medium	5 - 10 feet		
37	White Oak White Pine Jack Pine Red Pine Red Oak 4130 Canopy Species Jack Pine Red Maple	5 7 75 3 10 - Aspen ★ Cover 10 5	Seedling Size Class Log Log	8 9 8 9 8 8 Sapling DBH 2 2 2	95 75 69 75 95 Well Age 27 27	R	Red Oak	Medium	5 - 10 feet		
37	White Oak White Pine Jack Pine Red Pine Red Oak 4130 - Canopy Species Jack Pine Red Maple Bigtooth Aspen	5 77 3 10 - Aspen ★ Cover 10 5 80 80 5	Seedling Size Class Log Log Log Log	8 9 8 9 8 8 Sapling DBH 2 2 2 3	95 75 69 75 95 Well Age 27 27 27 27 27	R	Red Oak	Medium	5 - 10 feet		Mostly open, scattered jack

Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	ite	General Comments
40	4191 - Mixed Upla Co	and Decidu onifer	ous with	Poletimb	er Well	28.8	52	111-140	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age						
	White Pine	20		8	_						
	White Oak	5	Seedling	6							
	Red Maple	20	Sapling	6	51						
	Bigtooth Aspen	20	Seedling	8	52						
	Red Pine	20		8							
	Red Oak	15	Seedling	7	51						
42	4130	- Aspen		Poletimb	er Well	119.0	51	111-140	N/A	L.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	opy Species	Density	Avg. Height	Size	
	Red Oak	10	Seedling	8		Red	Maple	Low	5 - 10 feet	5 - 10 feet	
	White Pine	5	Seedling	6						. <u> </u>	
	White Oak	5	Seedling	6							
	Red Maple	15	Seedling	7							
	Bigtooth Aspen	65	Seedling	8	51						
43	4130	- Aspen		Poletimb	er Well	22.4	51	111-140	N/A	L.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	opy Species	Density	Avg. Height	Size	
	Red Oak	8	Seedling	8		Red	d Maple	Medium	10 - 20 feet	10 - 20 feet	
	Red Pine	2		12						·	
	White Pine	3		10							
	Jack Pine	2	Sapling	6							
	Red Maple	5	Sapling	7							
	Bigtooth Aspen	80	Seedling	8	51						
44	4133 - Aspe	en, Mixed P	ine	Poletimb	er Well	17.9	51	81-110	N/A		
	Canopy Species		Size Class	DBH	Age		opy Species	Density	Avg. Height	Size	
	White Pine	20	Seedling	8		Red	d Maple	Low	5 - 10 feet	5 - 10 feet	
	Red Maple	10	Seedling	6	51						
	Bigtooth Aspen	40	Seedling	8	51						
	Red Oak	15	Seedling	8	51						
	Quaking Aspen	15	Seedling	8	51						

Compartment: 144 Year of Entry: 2027

Stan	d Level 4 C	over Type		Size D	ensity	Acres	Stand Age	BA Range	Managed S	ite	General Comments
46	4191 - Mixed Upl Co	and Deciduo onifer	ous with	Poletim	ber Well	22.1	75	111-140	N/A		
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	
	White Pine	5	Seedling	8	75	Re	ed Maple	Medium	5 - 10 feet	5 - 10 feet	
	Red Pine	25		12	85	W	hite Pine	Medium	10 - 20 feet	10 - 20 feet	
	Red Maple	5	Seedling	8	75						-
	Bigtooth Aspen	10	Seedling	8							
	White Oak	10	Seedling	8	75						
	Red Oak	45		8	75						
49	110 - Low I	ntensity Urb	oan P	oletimbe	er Medium	า 16.7					pipe line
50	320 - Up	land Shrub		Unsp	ecifed	5.4			No		scattered cherry brush for the most part, few trees here and there
51		Aspen, Oak			ber Well	30.4	54	51-80	N/A		7
	Canopy Species	% Cover			H Age		nopy Species		Avg. Height	Size	-
	Red Oak	20	Seedling	6			hite Pine	Low	5 - 10 feet	5 - 10 feet	
	Jack Pine	5	Seedling	6			ck Cherry	Low	5 - 10 feet	5 - 10 feet	-
	Black Cherry	10	Seedling	6		R	Red Oak	Low	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	35	Seedling	8	54						
	Red Maple	15	Seedling	6	= 1						
	Bigtooth Aspen	15	Seedling	8	54						
52	3302 - Low Der	nsity Conife	r Trees P	oletimbe	er Medium	n 10.2			No		OPIC - FMD: SCATTERED JACK PINE & ASPEN WITHIN U TYPE
53	4130	- Aspen		Saplin	g Well	42.0	6	Immature	N/A	L	Stand was final harvested in 2019.
	Canopy Species	% Cover	Size Class	DB	H Age						
	White Pine	3		10							
	Jack Pine	3	Log	1							
	Red Maple	6	Log	1							
	Bigtooth Aspen	80	Log	1	6						
	Red Oak	8	Log	1							
54		Aspen, Oak			g Well	28.4	6	Immature	N/A		Stand was final harvested in 2018
	Canopy Species		Size Class		H Age						
	White Oak	5	Sapling	6	51						
	White Pine	5	Sapling	6							
	Jack Pine	5	Log	1							
	Red Oak	15	Log	1							
	Red Maple	15	Log	1							
	Bigtooth Aspen	55	Log	1	6						

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Report 7 – Stands

Stan	d Level 4 Co	over Type		Size De	nsity	Acres S	Stand Age	BA Range	Managed S	ite	General Comments
55	4130	- Aspen	I	Poletimb	er Well	0.9	51	81-110	N/A	۱.	Retention for stand 33. Sale was closed and updated by a former
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Specie	s Density	Avg. Height	Size	employee. Unable to locate the sale in the compartment folder.
	Quaking Aspen	98	Seedling	7	51	Jac	<pre>< Pine</pre>	Low	5 - 10 feet	5 - 10 feet	
	Red Pine	2	Sapling	7	51	Red	d Oak	Low	5 - 10 feet	5 - 10 feet	
56	4130	- Aspen		Sapling	Well	67.5	3	Immature	N/A	۱.	Was cut under the Buck 144 West timber sale
	Canopy Species	% Cover	Size Class	DBH	Age						
	White Oak	5	Log	1	3						
	Red Maple	15	Log	1	3						
	Bigtooth Aspen	70	Log	1	3						
	Red Oak	10	Log	1	3						
57	42290 - Natu	ural Mixed F	Pine I	Poletimb	er Well	4.0	72	111-140	N/A	۱.	Mixed conifer stand, some is pretty small yet but most is pole sized
	Canopy Species	% Cover	Size Class	DBH	Age						not very good quality.OPIC - FMD: MIXED STAND OF RED, JACK & WHITE PINE.
	Red Pine	40		8	72						d white tike.
	Red Maple	5	Sapling	6							
	White Pine	30		8	72						
	Jack Pine	20	Seedling	6							
	Quaking Aspen	5	Seedling	6							
58	4199 - Other Mixe	d Upland D	eciduous	Poletimb	er Well	2.6	95	111-140	N/A	۱.	Retention from Buck44 West timber sale
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Specie	s Density	Avg. Height	Size	
	Red Pine	5		12		Whit	e Pine	Medium	10 - 20 feet	10 - 20 feet	
	White Pine	5		10							_
	Red Maple	15	Seedling	9							
	Bigtooth Aspen	20		12							
	White Oak	10		10							
	Red Oak	45		12	95						
60	4131 - A	spen, Oak		Poletimb	er Well	63.2	51	111-140	N/A	ι.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Specie	s Density	Avg. Height	Size	
	White Oak	5	Seedling	6		Serviceberr	y (Juneberr	y) Low	5 - 10 feet	5 - 10 feet	
	White Pine	5	Seedling	8							
	Red Maple	15	Seedling	6							
	Bigtooth Aspen	60	Seedling	8	51						
	Red Oak	15	Seedling	8							

and	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	ite	General Comments
64	4199 - Other Mixe	d Upland D	eciduous	Poletimb	er Well	1.5	95	111-140	N/A	ι.	retention from Buck44 west sale for stand 25
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	B Density	Avg. Height	Size	
	White Pine	5		10	95	W	hite Pine	Medium	10 - 20 feet	10 - 20 feet	
	White Oak	10		10	95						-
	Red Oak	35		12	95						
	Red Maple	15	Seedling	9	95						
	Bigtooth Aspen	30		12	75						
	Red Pine	5		12	95						
115	4130	- Aspen		Sapling		53.2	14	Immature	N/A	۱.	All oak was left when cut in 2013 Tremendous aspen reproduction Sale # 045-11
	Canopy Species	% Cover	Size Class	DBH	Age						
	Red Maple	25	Pole	2							
	Bigtooth Aspen	60	Log	2	14						
	Red Oak	15		8							
116	4131 - A	spen, Oak		Sapling	y Well	51.0	13	Immature	N/A	۱.	
	Canopy Species	% Cover	Size Class	DBH	Age						
	White Oak	5	Sapling	6							
	Bigtooth Aspen	45	Log	2	13						
	Red Oak	15	Sapling	6	55						
	Quaking Aspen	35	Log	2	13						
400	110 - Low Ir	ntensity Urb	an	Unspe	cifed	4.8					large well pad, knapweed and dirt