

Compartment Review Presentation

Traverse City Forest Management Unit

Compartment 61155
Entry Year 2026
Acreage: 2,429
County Kalkaska

Management Area: Kalkaska Sandy Moraines

Stand Examiner: Thomas Peterson III

Legal Description:

T26N R8W Sections 7, 8, 9, and 10

Identified Planning Goals:

Vegetation management in the Boardman Plains management area will provide forest products; maintain or enhance wildlife habitat; protect areas of unique character including the Boardman River (a designated natural river) and threatened, endangered and special concern species; and provide for forest-based recreational uses. Timber management objectives for this 10-year planning period include improving the age-class structure of aspen; increasing regeneration of oak; working toward balancing the red pine age-class structure; wildlife values; and continued production of wood products. Wildlife habitat management objectives include perpetuating early-successional communities for species adapted to young forests for hunting and other wildlife-related recreation opportunity. Expected trends within this 10-year planning period are: increased recreational pressure; increased oil and gas development; an increased wildland/urban interface; a need to restore oak/pine barrens communities; invasive plant control; and the conversion of poor oaks sites to mixed pine/oak sites.

Soil and topography:

Much of the compartment sits on Rubicon or Croswell sands with Tawas-Lupton, Ausable-Bowstring, or Kinross mucks in the stream corridors and low-lying areas. Most of the compartment is relatively flat.

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

Most of the compartment is surrounded by State land except for the east side of Section 10 and parts of the south sides of Sections 8 and 9. The village of South Boardman is less than one mile south. SBA Communications has leased part of Section 10 SWSW for a communications tower. A relatively large underground pipeline and aboveground powerline traverse the compartment.

Unique Natural Features:

No Unique Natural Features known.

Archeological, Historical, and Cultural Features:

There are known concerns within the compartment. All proposed management activities have taken these concerns into consideration.

Special Management Designations or Considerations:

The South Branch of the Boardman River and Taylor Creek are Designated Natural Rivers. These shall be protected by a 100' vegetated buffer per the Boardman River Natural River Plan. The South Branch Barrens SCA is just to the west in Grand Traverse County. Two stands in this compartment are proposed for restoration and inclusion in the the SCA.

Watershed and Fisheries Considerations:

This compartment contains portions of the South Branch of the Boardman River and Taylor Creek. Both are Designated Natural Rivers and Designated Trout Streams. These streams support self-sustaining populations of brown, brook, and rainbow trout. Suitable buffers (as outlined in Water Quality Management Practices on Forest Land) should be applied to treatment areas adjacent to both of these waterbodies.

Wildlife Habitat Considerations:

Compartment 155 is located on the west edge of Kalkaska County. The glacial geology underlying this area consists of 2 outwash plains, one excessively drained (5111) and one poorly drained (5131). US-131 cuts across the extreme SE corner of the compartment, but only a small piece of state land is isolated. Taylor Creek and the South Branch of the Boardman River run through the compartment and both represent important riparian corridors. State ownership is almost 100% with only two small parcels of private at the east end.

Most of the compartment lies on the broad, flat outwash plain (5111). The sandy soil found here was historically the setting for large wildfires. These fires sustained a variety of fire driven communities, mainly conifer forests at the time of the GLO surveys. Present habitat types include aspen of various ages interspersed with a few grassy openings, upland brush stands, natural and planted pine, and several oak communities. Timber harvests should be designed to mimic

wildfires of various intensities, when possible. Timber harvests should utilize pine and oak as leave trees and islands. The creation of dead and down logs should also be included in some sales. Standing dead timber is usually left during harvest operations unless deemed a safety hazard. Some species found in these early to mid-successional communities include white-tailed deer, ruffed grouse, eastern bluebird, smooth green snake, long-tailed weasel, and red-tailed hawk. The S. Brach of the Boardman River runs through this sandy outwash plain. A narrow strip of lowland conifers and lowland brush are found along the river.

A small inclusion of outwash plain with poorly drained and an excessively drained soil (5131) makes its way into the compartment from the SW. This variation of moisture content supports many habitat types including: mixed upland and lowland aspen communities, bogs, lowland brush, and lowland conifers. Taylor Creek and the Taylor Creek Deer Yard are found here. Wildlife species utilizing this mosaic of basically wetland habitats include white-tailed deer, yellow warbler, mink, northern ribbon snake, and wood frog.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of 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 Coldwater Shale. The Coldwater has no economic use. Gravel pits are located in Section 16 and potential is considered good. The compartment is south of the prolific Niagaran reef trend. Several dry hole wells were drilled in the compartment. All state minerals are currently leased. There may be Antrim Shale gas potential.

Vehicle Access:

There is sufficient vehicle access throughout the compartment, other than the wetland stream corridors. A short stretch of US-131 crosses the compartment in Section 10. Boardman River Road, a good gravel county road, bisects the compartment.

Survey Needs:

There are no survey needs at this time.

Recreational Facilities and Opportunities:

The Grand Traverse to Leetsville MCCCT runs through Section 8. Snowmobile Trail #55 runs through Sections 7 and 8 on the path of an underground pipeline. Appropriate trail protection specifications should be added to timber sale contracts to reduce potential impacts to these trails where treatments are prescribed. Other recreational opportunities include hunting and fishing. (T.M.N. 5/15/14)

Fire Protection:

The dry pine stands in the southwest part of this compartment present the greatest potential for wildfire. Risk is low in the vast swamps along the South Branch of the Boardman River and Taylor Creek. Fire protection would be provided by the Kalkaska FRD office and the Fife Lake Fire Department. This compartment is within Zone 6 North zone dispatch area, meaning additional units would be dispatched from the Traverse City and Manton offices depending on fire danger rating.

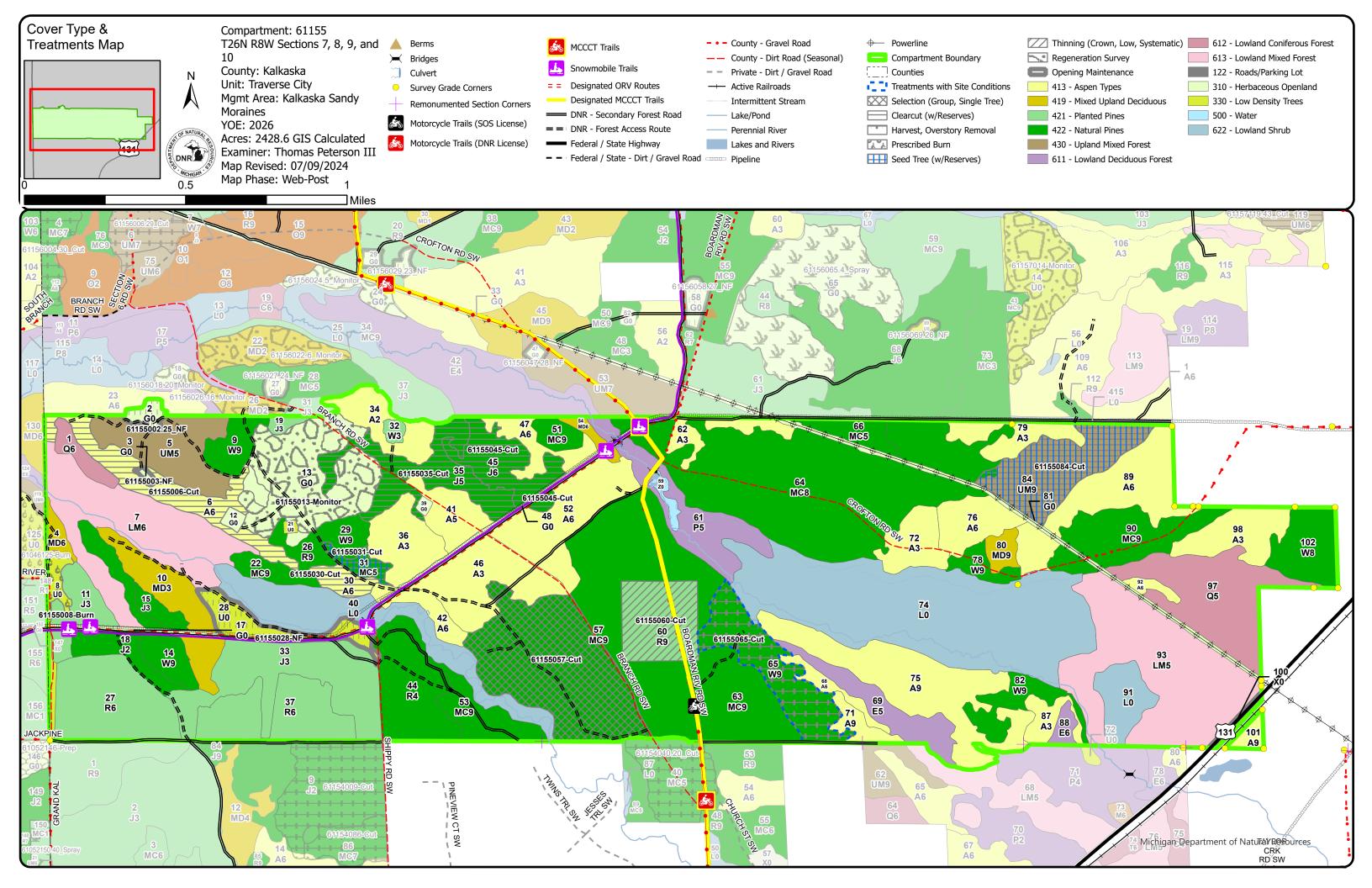
Additional Compartment Information:

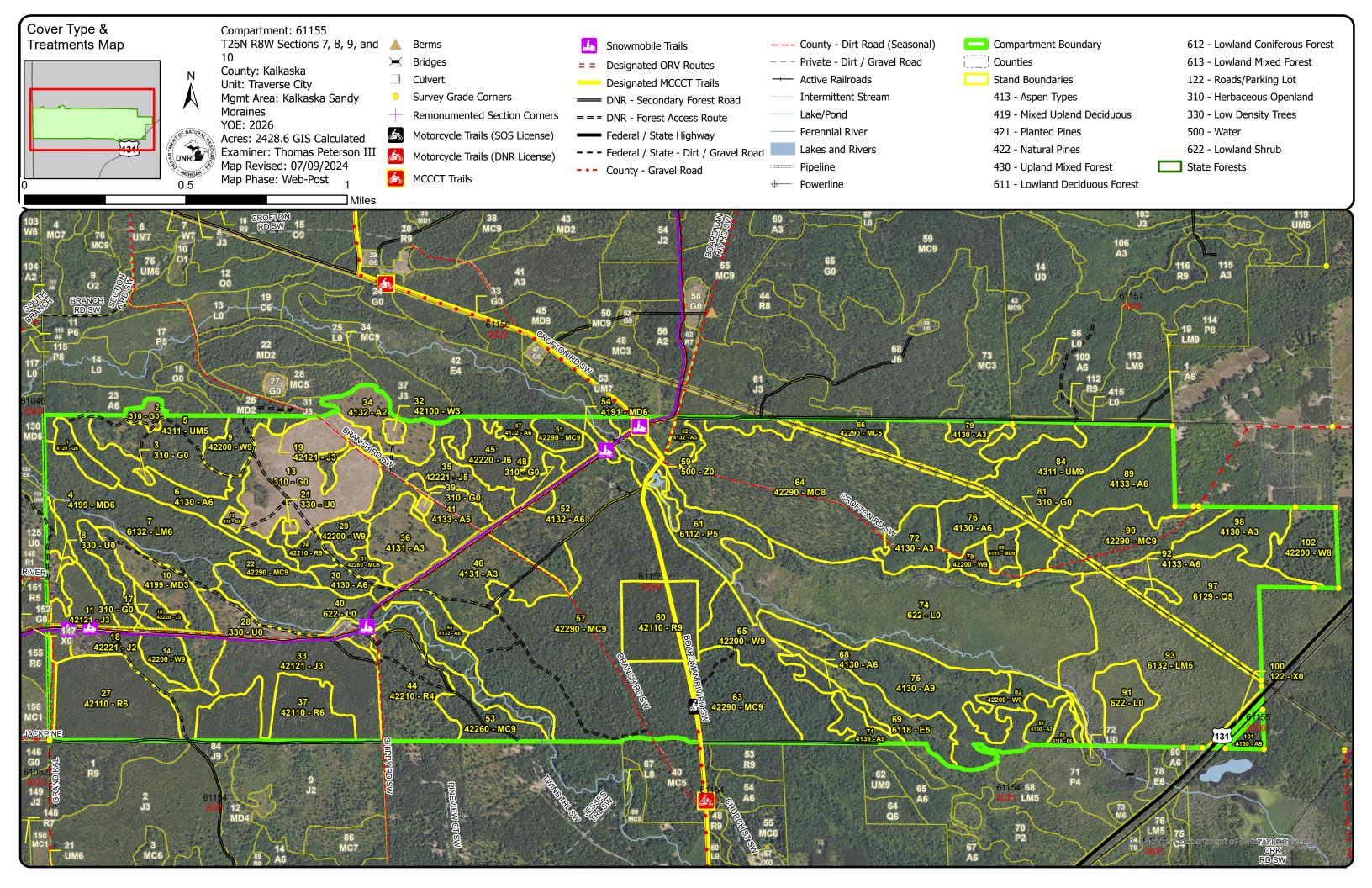
The following reports from the Inventory are attached:

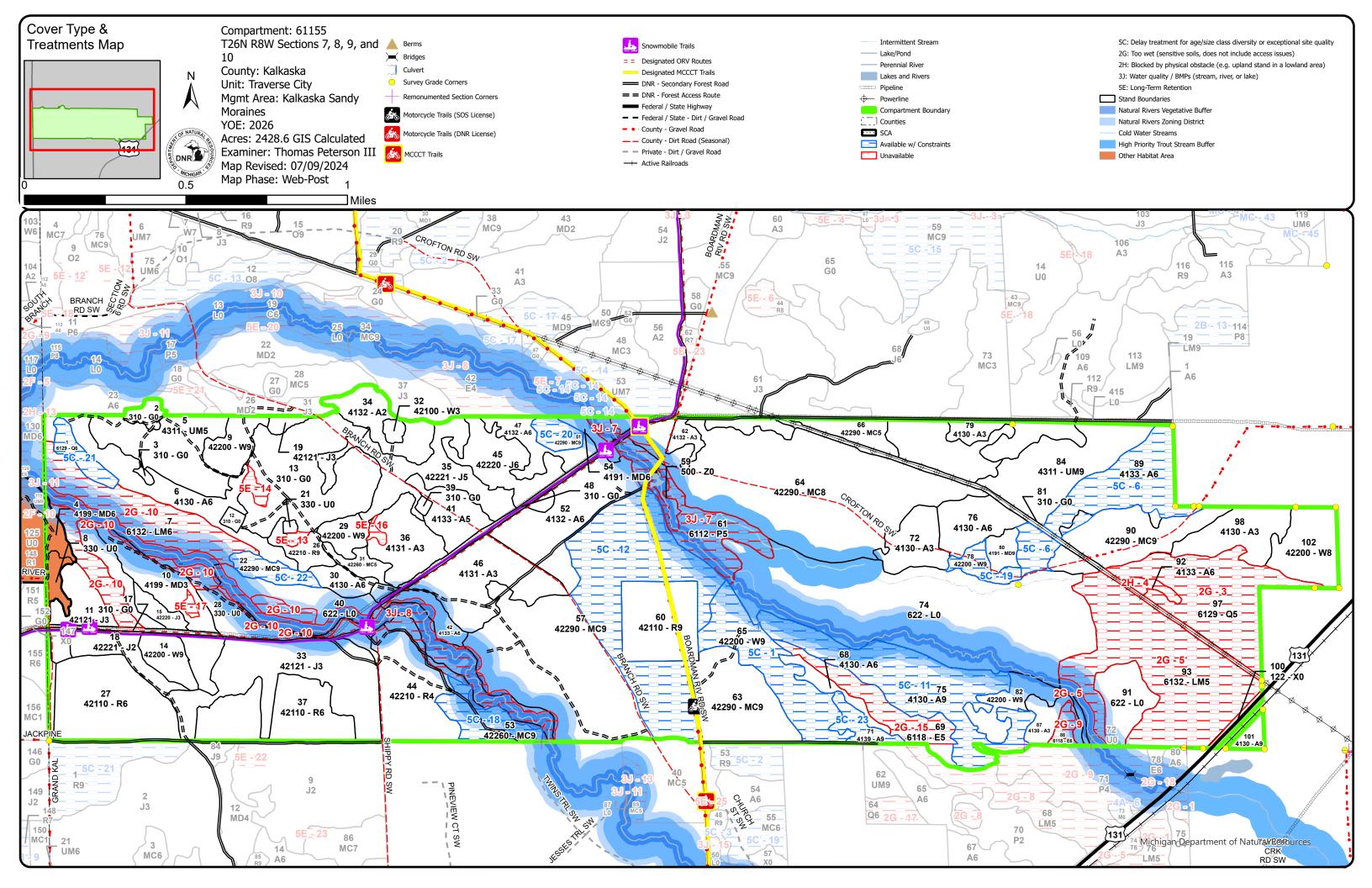
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

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







Traverse City Mgt. Unit

Thomas Peterson III: Examiner

Compartment 155 Year of Entry 2026



Age Class

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Aspen	0	49	111	87	37	60	145	0	0	0	0	0	0	0	0	0	0	0	489
Herbaceous Openland	112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	112
Jack Pine	0	0	90	23	0	42	30	0	0	0	0	0	0	0	0	0	0	0	184
Low-Density Trees	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	0	37	0	0	0	0	0	0	0	0	0	0	37
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	63	9	0	0	0	0	0	0	72
Lowland Deciduous	0	0	0	0	0	0	0	0	0	31	0	0	0	0	0	0	0	0	31
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	190	0	0	0	0	0	0	0	190
Lowland Shrub	263	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	263
Mixed Upland Deciduous	0	33	0	0	0	0	6	0	7	0	4	0	0	0	0	0	0	0	50
Natural Mixed Pines	0	0	0	0	0	0	26	7	12	279	10	0	0	0	0	0	0	207	541
Red Pine	0	0	0	0	99	0	0	51	37	0	0	0	0	0	0	0	0	0	187
Upland Mixed Forest	0	0	0	0	41	0	0	0	48	0	0	0	0	0	0	0	0	0	89
Urban	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Water	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
White Pine	0	0	3	0	0	0	27	14	9	86	9	0	0	0	0	0	0	0	148
Total	415	82	204	110	177	102	234	109	113	396	276	9	0	0	0	0	0	207	2433



Report 2 - Treatment Summary

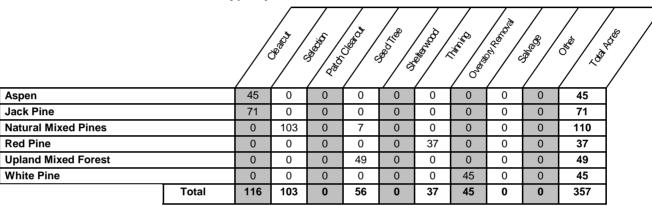
Traverse City Mgt. Unit Year of Entry: 2026

Acres of Harvest

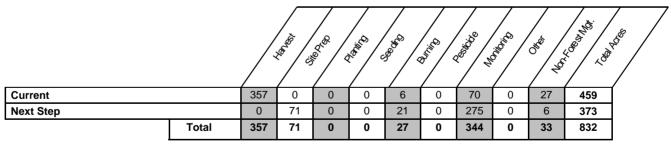
Compartment 155
Total Compartment Acres: 2,429

Commercial Harvest - 312 Harvests with Site Condition - 45 Next Step Harvest - 0 Habitat Cut - 0

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method



Traverse City Mgt. Unit

Report 3 -- Treatments

Compartment: 155 Year of Entry: 2026 Habitat

Cut

No

No

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d

Treatment Acres Name

Stand CoverType

Size Stand Density Age

BA Range **Treatment** Type

Treatment Method

Cover Type Objective

Age Structure

Proposed Treatments:

61155003-NF 1.1 310 - Herbaceous Nonstocked Openland

NonForestMqt Herbaceous/Crop /Grass Planting

3105 - Mixed Upland Herbaceous

Specs:

Prescription Burn on a rotational basis. The goal of prescribed burning is to restore and/or maintain a grassland/barrens ecosystem. The timing and frequency of the burns will be based on currents needs of restoration such as reducing woody encroachment or promoting grasses versus forbs. Remove exotics as needed by herbiciding or other methods. Maintain as needed with mowing, seeding of native grasses and forbs, planting native mast bearing shrubs or trees, burning, or removal of woody encroachment.

Next Step Treatments:

Acceptable

Regen: <u>Other</u>

Treat in conjunction with 61155002.

Comment:

Site Condition

Proposed Start Date: 10/1 /2025

61155006-Cut Poletimber 49 81-110 Clearcut with 36.7 4130 - Aspen Harvest 413 - Aspen Even-Aged Well Retention

Prescription Final harvest stand by clearcutting stand. Cut all trees 2 inches or more at DBH. Leave standard area retention along wet swamp edge. Leave a handful of white oaks in stand for seed source and protect white pine seedlings during harvest. Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Fully stocked aspen stand with any mix of white pine, red maple

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

61155008-6.3 330 - Low-Density Nonstocked Burn 31022 - Warm No Opening Burn Trees Season Grass

Specs:

Prescription Burn on a rotational basis. The goal of prescribed burning is to restore and/or maintain a grassland/barrens ecosystem. The timing and frequency of the burns will be based on currents needs of restoration such as reducing woody encroachment or promoting grasses versus forbs. Remove exotics as needed by herbiciding or other methods. Maintain as needed with mowing, seeding of native grasses and forbs, planting native mast bearing shrubs or trees, burning, or removal of woody encroachment.

Next Step NonForestMat, Mowing Treatments:

<u>Acceptable</u>

Regen:

Other Brush hog (or hand fell) around select leave trees and/or patches to maintain a barrens type community. Leave scattered mast producing Comment: trees and shrubs and/or conifers for wildlife food and cover. Could plant site appropriate native shrubs and/or mast producing trees for wildlife food and cover. Fertilize plantings and protect with wire cages or tubex. Considering establishing native herbaceous/forbs ground

cover for wildlife food source.

Site Condition

Proposed Start Date: 10/1 /2025

Traverse City Mgt. Unit

Report 3 -- Treatments

Compartment: 155 Year of Entry: 2026

Nο

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

28 61155028-NF 20.5 330 - Low-Density Nonstocked Unspec NonForestMgt **Brush Cutting** 31022 - Warm Season Grass Trees ified

Specs:

Prescription Brush hog (or hand fell) around select leave trees and/or patches to maintain a barrens type community. Leave scattered mast producing trees and shrubs and/or conifers for wildlife food and cover. Could plant site appropriate native shrubs and/or mast producing trees for wildlife food and cover. Fertilize plantings and protect with wire cages or tubex. Considering establishing native herbaceous/forbs ground

cover for wildlife food source.

Next Step Burn, Opening

Treatments:

Acceptable Regen:

Other Treat in conjunction with 61046125 and 61055008 for barrens management.

Comment:

Site Condition

Proposed Start Date: 10/1 /2025

61155030-Cut 8.4 4130 - Aspen Poletimber 49 81-110 Harvest Clearcut 413 - Aspen Even-Aged No Well

Prescription Clear cut stand with no retention due to size of stand being under 10 acres. Cut all trees down to 2 inches in DBH. Follow BMP guidelines for Specs: stand 40. Protect all legacy trees and green tree mark a handful of white oak within stand boundary.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Fully stocked stand of aspen, with any red maple for pine component

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

61155031-Cut 7.0 42260 - Natural Poletimber 1-50 Harvest Seed Tree 4133 - Aspen, Even-Aged No Pine, Mixed Medium Mixed Pine

Deciduous

Prescription Seed tree cut with no retention due to small size of stand. Mark to leave 10 -20 Basal area of some scattered pine / oak in stand to retain as seed source. Cut all other trees down to 2 inches in DBH. Cut all trees around aspen clones to expand aspen clones as much as possible. Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Fully Stocked stand of aspen, with mixed pine component.

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

Compartment: 155



S t					•				Year of Entry	y: 2026	DNR
a n Treatr d Nan		Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
35 611550)35-Cut	41.6	42221 - Natural Jack Pine, Mixed Deciduous	Poletimbe Medium	r 49	1-50	Harvest	Clearcut with Retention	4222 - Natural Jack Pine	Even-Aged	No
Prescription Specs:		it Stand w en up iss	vith standard area re ues.	etention. Cu	ut all tre	ees down	to 2 inches in D	BH during harvest.	Leave retention a	round stand 1	3 to avoid
Next Step Treatments:	SitePre	p, Scarific	cation; Monitoring,	Natural Reg	jen (Re	-Inventory	/)				
Acceptable Regen:	Fully to	Moderate	ely stocked stand of	Jack Pine,	with ar	ny mixture	of aspen, white	e pine, red pine, red	d maple or cherry.		
Other Comment:											
Site Condition	<u>n</u>										
Proposed St	art Date:	10/1 /20	025								
45 611550)45-Cut	29.7	42220 - Natural Jack Pine	Poletimbe Well	r 54	51-80	Harvest	Clearcut with Retention	4222 - Natural Jack Pine	Even-Aged	No
Prescription Specs:			nd and leave standa or snowmobile trail.		ention i	n stand d	uring harvest. C	ut all trees down to	2 inches or less i	n DBH. Use tr	ail
Next Step Treatments:	SitePre	p, Scarific	cation; Monitoring,	Natural Reg	jen (Re	-Inventory	/)				
Acceptable Regen:	Fully to	Moderate	ely stocked stand of	jack pine, v	vith any	y white pir	ne, red pine, asp	oen, red maple or b	lack cherry mixtur	e.	
Other Comment:											
Site Condition	<u>n</u>										
Proposed St	art Date:	10/1 /20	025								
57 611550)57-Cut	102.9	42290 - Natural Mixed Pine	Sawtimber Well	r 75	111- 140	Harvest	Single Tree Selection	42260 - Natural Pine, Mixed Deciduous	Two-Aged	No
Prescription Specs:	- In add around - Cut all Jack Pi - Prote	lition to m 1 acre and I trees ard ne it is ac ct as muc	n to a basal are of 80 arking create 15-20 Id pine and / or oak bund aspen clones a cceptable to have a ch of understory as y in overstory and ur	gaps acros regeneratio and Jack Pii basal area o possible in s	s stand n shou ne Poc of 0 and stand d	d totaling ld be pres kets to all d should r luring har	around 20 acres sent and protect ow aspen and J not be considere yest.	s or around 20% of ed in each gap dur lack Pine to advance d in overall stands	treatment acres. ing harvest. ce to next level. A average basal are	reas with Aspe	
Next Step Treatments:	Monitor	ing, Natu	ral Regen (Re-Inver	ntory)							
Acceptable Regen:	Fully St	ocked Un	nderstory of mixed w	vhite pine, re	ed pine	, red oak,	white oak, aspe	en, and red maple.			
Other Comment:											

Site Condition

Proposed Start Date: 10/1 /2025

Stand

Habitat

d	Name		CoverType	Density	Age	Range	туре	Method	Objective	Structure	Cut
60	61155060-Cut	37.1	42110 - Planted	Sawtimber	75	171-	Harvest	Crown Thinning	4211 - Planted	Even-Aged	No
			Pad Pina	الم/٨١		200			Pad Pina		

Treatment

Treatment

Cover Type

Age

Prescription Thin stand down to 120. Follow red pine marking guidelines. Residual basal can be lower around oak trees if oak is in good condition Specs: release all 4 sides of oak, to try to promote more acorn production for stand. Use oak wilt spec for timber sale.

BA

Next Step **Treatments:**

Treatment

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Acceptable Regen:

IF any dieback pockets are found talk to forest health specialist and follow there recommended guidelines to cut pocket out. <u>Other</u>

Stand

Comment:

Site Condition

Proposed Start Date: 10/1 /2025

61155065-Cut 44.9 42200 - Natural Sawtimber 111-Harvest Overstory 4133 - Aspen. Even-Aged Nο White Pine Well 140 Removal Mixed Pine

Prescription Remove stands overstory. Leave standard area retention against stand 74 to protect wetland, follow BMP guidelines for stand 74. Cut all Specs: trees greater than 4.5 inches that you can get one pulp stick out of. Mark to leave less than 1 scattered pine or oak per acre for a seed source in stand and vertical structure.

Next Step Treatments:

Acceptable Fully Stocked stand of aspen, with a mixture of white pine, red pine, red maple and oak.

Regen:

Other Comment:

Site Condition Age-Class or Site Quality

Proposed Start Date: 10/1 /2025

61155084-Cut 4319 - Mixed 48.6 4311 - Pine, Aspen Sawtimber 72 111-Harvest Seed Tree with Even-Aged No Mix 140 Retention **Upland Forest**

Prescription Seed tree cut with standard area retention. Leave retention in area were pine and oak are dominant species. Mark 10 to 20 basal area across stand concentrating on leaving oak and pine for seed source. Avoiding leaving any seed trees within established aspen clones to Specs: promote aspen regeneration. Within aspen clones a basal area of 0 is acceptable.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Fully Stocked stand with any mixture of red maple, aspen, red oak, white oak, white pine and / or red pine.

Regen: Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2025

Approved Treatments:

61155002.25 5.0 310 - Herbaceous Nonstocked NonForestMgt Herbaceous/Crop 2113 - Forage No /Grass Planting NF Openland Crops

Prescription Work around any beneficial vegetation (raspberry patch, mast bear shrub) to create a wildlife food plot of appropriate herbaceous species Specs: suited to site and soil conditions. Maintain as needed with mowing, native shrub planting, reseeding grasses/forbs or Forest Certification approved forage, fertilizing, burning, or removal of woody encroachment. May want to plant some mast producing trees/shrubs and create

brush piles for cover.

Next Step **Treatments:**

Acceptable Regen:

Traditional wildlife food plot Other

Comment:

S t	Tra	iverse Cit	y Mgt. Unit		Repo	rt 3 ⁻	Treatments	Compartmen Year of Entry	DNR		
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
	Condition osed Start Date	<u>:</u> 10/1 /20)26								
Spec Next	61155013- Monitor cription :s: Step tments:	69.5	310 - Herbaceous Openland	Nonstocke	ed 0		Monitoring	Artificial Regen(3yr)	4211 - Planted Red Pine	Even-Aged	I No
Acce Rege		tocked Sta	and of Red Pine								
Othe Com	<u>r</u> Percer ment:	nt to Treat	= 100%								
	Condition osed Start Date	<u>:</u> 10/1 /20)25								

Total Treatment 459.3 Acreage Proposed:

Traverse City Mgt. Unit

Thomas Peterson III: Examiner

Availa	ability for	Managemer	nt						
Total	Acres	Acres Avail	Acres	De	omina	nt Site	e Con	ditions	S
Acres	Available	With Condition	Not Available		5C	2G	2H	3J	5E
489	347	133	9	Aspen	133	2	4	2	2
113	108	0	5	Herbaceous Openland		0			5
183	183	0	0	Jack Pine		0			
32	30	0	2	Low-Density Trees				2	
37	0	0	37	Lowland Aspen/Balsam Poplar				37	
72	0	9	62	Lowland Conifers	9	62			
30	2	0	28	Lowland Deciduous		28			
190	5	0	185	Lowland Mixed Forest		170	0	14	
263	222	0	42	Lowland Shrub		6		35	
50	48	0	3	Mixed Upland Deciduous		0		1	2
540	388	141	10	Natural Mixed Pines	141	0		10	
186	186	0	0	Red Pine				0	
89	89	0	0	Upland Mixed Forest					
4	4	0	0	Urban		0			
4	4	0	0	Water					
148	94	54	0	White Pine	54	0		0	0
2,429	1,710	337	382	Total Forested Acres	337	269	4	102	8
	70%	14%	16%	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.

ite Dominant Site lo. Cond Availabili	ty Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Conditio
Available	5C: Delay treatment for age/size class diversity or exceptional site quality	45	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						

Report 4 – Site Conditions

Traverse City Mgt. Unit

Thomas Peterson III: Examiner

3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	63	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
4	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	4	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	105	5D: Unproductive Forest Land	Unspecified	Unspecified	Unspecified
	Comments:						
6	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	53	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
7	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	38	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
	Comments:						
8	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	64	3D: Recreational / Scenic values	Unspecified	Unspecified	Unspecified
	Comments: Natural Rivers buff	er.					

Report 4 - Site Conditions

Compartment: 155
Year of Entry: 2026

9 Unspecified Unspecified Unspecified Unspecified Unavailable 2G: Too wet (sensitive 5 soils, does not include access issues) Comments: Excluded from sale because it was too wet to cut. 2G: Too wet (sensitive 72 4A: No Markets Unspecified Unspecified Unspecified 10 Unavailable soils, does not include Available for these Forest Products access issues) Comments: Unspecified Unspecified Unspecified Unspecified 11 5C: Delay treatment for 73 **Available** age/size class diversity or exceptional site quality Comments: Unspecified Unspecified Unspecified Unspecified 12 **Available** 5C: Delay treatment for 103 age/size class diversity or exceptional site quality Comments: Unspecified Unspecified Unspecified Unspecified 5E: Long-Term Retention 13 Unavailable 1 Comments: Unspecified Unspecified Unspecified Unspecified 14 Unavailable **5E: Long-Term Retention** 3 Comments:

Traverse City Mgt. Unit

Thomas Peterson III: Examiner

Report 4 – Site Conditions

Traverse City Mgt. Unit
Thomas Peterson III: Examiner

15	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	23	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
16	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
17	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
18	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	19	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						
19	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
20	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	8	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						

Report 4 – Site Conditions

Compartment: 155

Traverse City Mgt. Unit

Thomas Peterson III : Examiner Year of Entry: 2026

21	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	Unspecified	Unspecified	Unspecified	Unspecified
Co	omments:						
22	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	Unspecified	Unspecified	Unspecified	Unspecified
Co	omments:						
23	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	Unspecified	Unspecified	Unspecified	Unspecified
Co	omments:	<u> </u>					

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Mgt. Unit

Compartment: #Type! Year of Entry:

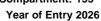


Report 5 - PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Comments				

Traverse City Mgt. Unit Compartment: 155





Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

Conservation Area	n Type	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen cond stocked trout populations and those of other coldwater fish speci year to year. Coldwater streams in Michigan typically provide the contributions of groundwater to their stream flows. Such streams designated as trout resources by Fisheries Order 210.	es (e.g., slimy sculpin) to persist from se conditions due to substantial
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in influences the aquatic ecosystem and vice-versa. Because of the streams and open water wetlands, riparian areas harbor a high docommunities are ecologically and socially significant in their effect as aesthetics, habitat, bank stability, timber production, and their	e unique conditions adjacent to lakes, iversity of plants and wildlife. Riparian cts on water quality and quantity, as well
HCVA	Natural Rivers	There are two Natural Rivers datasets which are derived from sp approved distance from the river centerlines. The Natural Rivers most Natural Rivers. The Vegetative Buffer ranges from 25 to 10	Zoning District is a 400 foot buffer for

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Stanc	Level 4 C	;	Size Density		Acres Stand Age BA Range		Managed S	Site	General Comments		
1	6129 - Mixed Conife	erous Lowla	and Forest P	Poletimb	er Well	9.0	105	111-140	N/A		2024 - Transition ground between wetland / river corridor and aspen
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cand	opy Species	Density	Avg. Height	Size	stand. Larger white pine scattered throughout stand with pole size red maple and black spruce mostly under pine
	Red Pine	30	Log	12		Red	Maple	Low	Variable	Sapling	maple and black optage mostly and pine
	White Pine	15	Log	16		Black	Spruce	Low	Variable	Sapling	
	Quaking Aspen	5	Pole	6							-
	Black Spruce	40	Pole	8	105						
	Red Maple	10	Pole	8							
2	310 - Herbac	eous Open	land	Nonsto	cked	5.0			Managed Op	pening	2024 - Stand continues into compartment to the north. Stand is managed by wildlife as food plot.
3	310 - Herbac	eous Open	land	Nonsto	cked	1.1					2024 - Old well pad, no oil or gas equipment on site at this time. Records show well was plugged in 1977.
4	4199 - Other Mixe	d Upland D	eciduous F	Poletimb	er Well	5.8	51	51-80	N/A		2024 - Stand has heavy red maple component at this time. Stand has a lot of white oak in understory.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cand	opy Species	Density	Avg. Height	Size	2013 - Clumpy red maple with scattered oak. Young red maple, barely
	White Oak	15			d Oak	Low	< 5 feet	Sapling	pole-sized. Oak in understory is about 2-3' tall. More oak to the nor		
											·
	White Pine	10	Log/Pole	12		Whit	te Oak	Medium	Variable	Sapling	,
	White Pine Red Pine	10	Log/Pole Log	12 12		Whit	te Oak	Medium	Variable	Sapling	
				12	51	Whit	te Oak	Medium	Variable	Sapling	
	Red Pine	2	Log	12	51	Whit	te Oak	Medium	Variable	Sapling	
5	Red Pine Red Maple	2 58 15	Log Pole/Sapling Log/Pole	12 5 12	51 Medium		te Oak	Medium	Variable N/A	Sapling	2024 - Pockets of white pine and jack pine are scattered throughout the
5	Red Pine Red Maple Red Oak	2 58 15	Log Pole/Sapling Log/Pole	12 5 12 Detimber		n 40.7				Sapling	stand. Stocking is variable throughout stand. Hold for anther 10 years
5	Red Pine Red Maple Red Oak 4311 - Pine	2 58 15 e, Aspen M	Log Pole/Sapling Log/Pole	12 5 12 oletimber	· Medium	n 40.7 Sub-Cand	39	1-50	N/A		
5	Red Pine Red Maple Red Oak 4311 - Pine Canopy Species	2 58 15 e, Aspen M	Log Pole/Sapling Log/Pole lix Po Size Class	12 5 12 oletimber	Medium	n 40.7 Sub-Cano Jack	39 opy Species	1-50 Density	N/A Avg. Height	Size	stand. Stocking is variable throughout stand. Hold for anther 10 years
5	Red Pine Red Maple Red Oak 4311 - Pine Canopy Species Bigtooth Aspen	2 58 15 e, Aspen M ** Cover 55	Log Pole/Sapling Log/Pole lix Po Size Class Pole/Sapling	12 5 12 bletimber DBH	Medium	n 40.7 Sub-Cano Jack	39 opy Species k Pine	1-50 Density Low	N/A Avg. Height Variable	Size Sapling	stand. Stocking is variable throughout stand. Hold for anther 10 years
5	Red Pine Red Maple Red Oak 4311 - Pine Canopy Species Bigtooth Aspen White Pine	2 58 15 e, Aspen M ** Cover 55 20	Log Pole/Sapling Log/Pole lix Po Size Class Pole/Sapling Pole	12 5 12 bletimber DBH 5 5	Medium	n 40.7 Sub-Cano Jack	39 opy Species k Pine	1-50 Density Low	N/A Avg. Height Variable	Size Sapling	stand. Stocking is variable throughout stand. Hold for anther 10 years
5	Red Pine Red Maple Red Oak 4311 - Pine Canopy Species Bigtooth Aspen White Pine Jack Pine Red Pine	2 58 15 e, Aspen M Cover 55 20 20	Log Pole/Sapling Log/Pole lix Po Size Class Pole/Sapling Pole Pole Pole	12 5 12 Dletimber 5 5 5	Medium Age 39	n 40.7 Sub-Cano Jack	39 opy Species k Pine	1-50 Density Low	N/A Avg. Height Variable	Size Sapling	stand. Stocking is variable throughout stand. Hold for anther 10 years and consider clearcutting stand to expand aspen clones. 2024. Stand is fully stocked aspen stand with some white pine in its
	Red Pine Red Maple Red Oak 4311 - Pine Canopy Species Bigtooth Aspen White Pine Jack Pine Red Pine	2 58 15 e, Aspen M Cover 55 20 20 5	Log Pole/Sapling Log/Pole lix Po Size Class Pole/Sapling Pole Pole Pole Pole	12 5 12 DBH 5 5 5 5 5 Poletimber	Medium Age 39	n 40.7 Sub-Cand Jack Whit	39 opy Species k Pine te Pine	1-50 Density Low Low	N/A Avg. Height Variable Variable	Size Sapling	stand. Stocking is variable throughout stand. Hold for anther 10 years and consider clearcutting stand to expand aspen clones.
	Red Pine Red Maple Red Oak 4311 - Pine Canopy Species Bigtooth Aspen White Pine Jack Pine Red Pine 4130	2 58 15 e, Aspen M % Cover 55 20 20 5	Log Pole/Sapling Log/Pole lix Po Size Class Pole/Sapling Pole Pole Pole	12 5 12 DBH 5 5 5 5 5 Poletimber	Medium Age 39 er Well	n 40.7 Sub-Cano Jack White 36.7 Sub-Cano	39 opy Species k Pine te Pine	1-50 Density Low Low 81-110	N/A Avg. Height Variable Variable	Size Sapling Sapling	stand. Stocking is variable throughout stand. Hold for anther 10 years and consider clearcutting stand to expand aspen clones. 2024. Stand is fully stocked aspen stand with some white pine in its
	Red Pine Red Maple Red Oak 4311 - Pine Canopy Species Bigtooth Aspen White Pine Jack Pine Red Pine 4130 Canopy Species	2 58 15 e, Aspen M Cover 55 20 20 5 - Aspen Cover	Log Pole/Sapling Log/Pole lix Po Size Class Pole/Sapling Pole Pole Pole Pole Size Class	12 5 12 DBH 5 5 5 5 5	Medium Age 39 er Well	n 40.7 Sub-Cand Jack White 36.7 Sub-Cand White	39 opy Species k Pine te Pine 49 opy Species	1-50 Density Low Low 81-110 Density	N/A Avg. Height Variable Variable N/A Avg. Height	Size Sapling Sapling	stand. Stocking is variable throughout stand. Hold for anther 10 years and consider clearcutting stand to expand aspen clones. 2024. Stand is fully stocked aspen stand with some white pine in its

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Compartment: 155

Year of Entry: 2026

Stand	d Level 4 C	·			ensity	Acres	Stand Age E	A Range	Managed S	Site	General Comments
7	6132 - Mixed Lowla	and Forest	with Cedar	Poletim	oer Well	79.7	91	1-50	N/A		2023- South Branch of Boardman River Runs through stand. 2014 - Lots of red maple in understory and pockets of E3. Pockets of
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	cedar. Second spot was red maple (E6). Some pockets have a heavier
	Quaking Aspen	5	Pole	8		Re	d Maple	High	10 - 20 feet	Sapling	conifer component. Large white pine along the edge of South Branch.
	Black Spruce	10	Pole	8		Pap	oer Birch	Low	Variable	Sapling	West finger has a small drain running through it. The west finger has more of an aspen component. There are small pockets of S6 scattered
No	orthern White Cedar	30	Pole	8	91	Ta	g Alder	High	5 - 10 feet	Tall Shrub	through the stand.
	Red Maple	30	Pole	8	91	Blac	k Spruce	Low	Variable	Sapling	
	Black Ash	10	Pole	8							
	White Pine	5	Log	12							
	Paper Birch	10	Pole	8							
8	330 - Low-	330 - Low-Density Trees 42200 - Natural White Pine			Nonstocked Sawtimber Well				Managed Op	pening	2024 - A few scattered black cherry, red maple and jack pine trees throughout stand, not a forested stand.
9	42200 - Nat	42200 - Natural White Pine		Sawtiml	er Well	14.2	65	81-110	N/A		2023 - Stands basal area is around 108 at this time.
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	2007 - Stand was thinned under contract South Branch Jack (61-079-06). All species were removed from sale area except for red pine, white
	Red Pine	15	Log	12	J		d Maple	Medium	Variable	Sapling	pine and oak.
	White Pine	80	Log	12	65	Wh	nite Pine	Low	Variable	Sapling	
	White Oak	5	Pole	8					1	, ,	
10	4199 - Other Mixe	ed Upland D	eciduous	Saplin	g Well	33.2	4	Immature	N/A		2024 - Stand is fully stocked sapling stand. 2019 - Stand was Final Harvested under Contract Red Pine Colored
	Canopy Species	% Cover	Size Class	DBI	H Age						Glasses (61-127-01). White Oak Trees left scattered throughout sale.
	Red Oak	30	Sapling	1	4						1997 - Sale 61-052-96-01, completed 2/1997. Oak shelterwood, removed
	Red Maple	30	Sapling	1	4						white pine, jack pine, red maple, quaking and bigtooth aspen. OI recommended future removal of overstory. Oak logs are decent, 3-4 logs.
	Bigtooth Aspen	30	Sapling	1	4						Stocking is variable, less dense in the south (08).
	White Oak	10	Log	12							
11	42121 - Planted Dec	I Jack Pine, iduous	, Mixed	Saplin	g Well	19.1	13	Immature	N/A		2024 - Jack pine is good shape; some places black cherry has out competed the jack pine.
	Canopy Species	% Cover	Size Class	DBI	H Age						2007 - Sale was final harvested under contract South Branch Jack (61-
	Red Maple	10	Sapling	1							079-06) Sale was clearcut except all oak was left in part south of road. FTP C62-757 jack pine planting was completed 5/2011.
	Jack Pine	70	Sapling	1	13						
12	310 - Herbad	ceous Open	ıland	Nonst	ocked	2.3		Immature			2024 - Well site, plugged in 1988. All oil and gas equipment has been removed off site.
13	310 - Herbad	ceous Open	ıland	Nonst	ocked	74.1	0		4211 - Planted	Red Pine	2023 -Year 1 Regeneration survey was completed 9/14/2023. There is currently 815 trees per acre and stand is 96% free to grow at this time.
											2023 - Stand was planted to red pine, 862 TPA2022 - Stand was Skidder Site Prep Sprayed 6/22/20222021 - Stand was trenched to Plant Red Pine 2019 - Stand was Final Harvested under Contract Red Pine Colored Glasses (61-127-01)



Stand	Level 4 C	,,			Size Density		Stand Age E	BA Range	Managed S	ite	General Comments
14	42200 - Nati	ural White F	Pine	Sawtimb	er Well	23.3	82	81-110	N/A		2024 - Transition ground next to creek and drainage.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	White Pine	65	Log	14	82	Re	d Maple	Low	5 - 10 feet	Sapling	
	Red Maple	5	Pole	8		Wh	ite Pine	Low	5 - 10 feet	Sapling	
	Quaking Aspen	5	Pole	8							
	Red Pine	20	Log	12							
	Jack Pine	5	Log/Pole	8							
15	42220 - Nat	tural Jack P	ine	Sapling	g Well	6.5	27	Immature	N/A		2024 - Stand is fully stocked at this time, should be pole stand next year
	Canopy Species	% Cover	Size Class	DBH	l Age						of entry. 2013 - Thick natural regeneration, 10-20' tall. Some quaking aspen and
	Jack Pine	80	Sapling	3	27						red maple mixed in.
	Bigtooth Aspen	5	Sapling	2							·
	Black Cherry	10	Sapling	2							
	White Pine	5	Sapling	2							
17	310 - Herbad	ceous Open	land	Nonsto	ocked	4.8					2024 - Pipeline runs through stand. Pipeline right away is mowed. Snowmobile trail is located in the pipeline corridor.
18	42221 - Natural Dec	Jack Pine, iduous	Mixed	Sapling Medium		15.7	27	Immature	N/A		2023 - Stand still has several openings in. 2013 - Sale 61-052-96-01, completed 2/1997. Jack pine is about 10' tall. Stocking is variable. Red
	Canopy Species	% Cover	Size Class	DBH	l Age						maple and cherry have filled in. Mostly cherry/U0 on west end.
	Black Cherry	20	Sapling	2							
	Red Oak	5	Sapling	2							
	Jack Pine	60	Sapling/Pole		27						
	Red Maple	15	Sapling	2							
19	42121 - Planted Dec	I Jack Pine, iduous	Mixed	Sapling	g Well	3.1	19	Immature	N/A		2024 - Portions of stand aspen is out competing Jack Pine. 2007 - Trenched and planted jack pine, 5/2007. (FTP C62-726, filed with Comp
	Canopy Species	% Cover	Size Class	DBH	l Age						156.) Trees are about 10' tall. Stand continues in Comp 156 to the north.
	Jack Pine	80	Sapling	2	19						
	Bigtooth Aspen	20	Sapling	2							
21	330 - Low-	Density Tre	es	Nonsto	ocked	1.0	ι	Jnspecified	Managed Op	ening	2024 - Old Well site, well site was plugged in 11/13/13. Stand is starting to fill in with jack pine.
											Updated stand comment not "managed oil/gas". Jordan Development is not responsible for any additional surface restoration. R Merrick



Stand	<u>, , , , , , , , , , , , , , , , , , , </u>			Size Density		Acres S	tand Age E	A Range	Managed S	ite	General Comments
22	42290 - Natu			Sawtimb		10.0	99	81-110	N/A		2024 - Legacy white and red pine in stand. Stand has red maple and aspen under larger pine.
	Canopy Species		Size Class		Age		py Species		Avg. Height	Size	asport under larger pine.
	Black Spruce	5	Pole	8			Spruce	Low	Variable	Sapling	
	White Pine	50	Log	16	99	White	e Pine	Low	Variable	Sapling	
	Bigtooth Aspen	5	Pole	8							
	Red Pine	20	Log	14							
	Red Maple	20	Pole	8							
26	42210 - Na	tural Red P	ine	Sawtimb	er Well	9.0	63	81-110	N/A		2024 - Red Pine range from sapling to Log in stand. Several different age
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cano	py Species	Density	Avg. Height	Size	classes throughout stand.
	Red Pine	70	Log/Pole	10	63	White	e Pine	Medium	Variable	Sapling	
	Red Maple	5	Pole	6							
	Bigtooth Aspen	10	Pole/Saplin	g 6							
	Jack Pine	10	Pole	6							
	White Oak	5	Log/Pole	10							
27	42110 - Pla Canopy Species Jack Pine Red Pine		Size Class Pole/Saplin Pole/Saplin	g 5	Age 34	54.4	34	1-50	N/A		2024 - Stand has converted to pole stand this year of entry. Trees are 1-2 sticks tall at this time. Not ready for first thinning yet. 2014 - Trees are about 15' tall with scattered jack pine volunteers. Stocking is less dense in the southeast part. 1990 - Stand was Planted under FTP C62-401.
28	330 - Low-	Density Tre	es	Nonsto	cked	20.5	L	Inspecified			2024 - Pipeline Right of Way, some trees starting to seed into stand. Stand used as snowmobile trail as well.
29	42200 - Natu	ıral White F	Pine	Sawtimb	er Well	9.3	77	81-110	N/A		2024 - Mutli aged white pine stand ranging from sapling to extra large
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cand	py Species	Density	Avg. Height	Size	logs.
	Bigtooth Aspen	5	Pole	6		White	e Pine	Low	Variable	Sapling	
	White Oak	8	Log/XLog	14							•
	Red Pine	5	Log/Pole	10							
	White Pine	80	Log	12	77						
	Red Oak	2	Log	10							
30	4130	- Aspen		Poletimb	er Well	8.4	49	81-110	N/A		2023 - Fulls stocked stand of aspen, with larger pine mixed in stand2013 - Some scattered oak and white pine. Stocking is dense and
	Canopy Species	% Cover	Size Class	DBH	Age						good quality aspen.
	Red Pine	5	Log	12							
	Bigtooth Aspen	80	Pole/Log	9	49						
	White Oak	5	Log	14							
	Jack Pine	5	Pole/Log	9							
1	White Pine	5	Pole	8							

tanc	Level 4 C	,			Size Density		Acres Stand Age BA Range		Managed S	ite	General Comments
31	42260 - Natural Pi	ne, Mixed D	Deciduous Po	oletimber	· Medium	n 7.0	64	1-50	N/A		2023 - Stand is filling in nicely with white pine.2013 - Poor quality wood.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Stocking is variable. Almost like an old opening filling.
	White Pine	20	Pole	8		Wh	nite Pine	Low	Variable	Sapling	
	Jack Pine	30	Pole	8	64						-
	Red Pine	20	Log	12							
	Bigtooth Aspen	30	Pole	8							
32	42100 - Plan	nted White F	Pine	Sapling	y Well	2.7	10	Immature	N/A		2024 - Well site is planted to white pine, has Jack pine voulinteries a
	Canopy Species	% Cover	Size Class	DBH	Age						well. 2014 - Planted to White Pine 2000 - Abandoned well site plugged in 2000
	Jack Pine	20	Sapling	1							
	White Pine	80	Sapling	1	10						
33	42121 - Planted Dec	Jack Pine, iduous	Mixed	Sapling	ı Well	67.3	16	Immature	N/A		2023 - Planted Jack Pine is in good shape, 2-3 inch in DBH.2013 - Some cherry and red maple competition, mostly in west end. Does not need spraying clack pine about 3-5' tall. Pockets of A4 and 14-5
	Canopy Species	% Cover	Size Class	DBH	Age						need spraying. Jack pine about 3-5' tall. Pockets of A4 and J4-5 scattered, mostly in north end.2008 Stand was planted to Jack Pine
	Red Maple	20	Sapling	2							Under FTP# C62-769
	Black Cherry	10	Sapling	2							
34	4132 - Asp	en, Jack Pi	ne S	Sapling N	/ledium	22.0	5	Immature	N/A		2024 - Stand has large scattered white oak and white pine. We're aspe
	Canopy Species	% Cover	Size Class	DBH	Age						clones are established stand is fully stocked. Jack pine is starting to show up in areas that are open. Stand should continue to fill in with Jack
	White Oak	3	Log	14							pine and white pine.
	Jack Pine	20	Sapling	1							2019 - Stand was Final Harvested under Contract Red Pine Colored
	Red Maple	15	Pole	8							Glasses (61-127-01). A few green trees were marked throughout stand that were saved.
	Bigtooth Aspen	45	Sapling	1	5						
	White Pine	2	Log/Pole	12							
	Red Oak	15	Sapling	1							
35	42221 - Natural Dec	Jack Pine, iduous	Mixed Po	oletimber	· Medium	n 41.6	49	1-50	N/A		2024 - Pole size Jack Pine with some white pine and aspen scattered throughout it. Stand has several open areas that are slowly starting to f
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	in. Clearcul stand in future to expand aspen ciones in stand.
	Jack Pine	70	Pole	6	49	Re	ed Oak	Low	Variable	Sapling	
	Bigtooth Aspen	30	Pole/Sapling	9 6			nite Pine	Low	Variable	Sapling	
						Ja	ck Pine	Medium	Variable	Sapling	

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Stan	d Level 4 C	over Type	•	ize De		Acies	Stand Age		Managed S		General Comments
36	4131 - A	spen, Oak		Saplino	g Well	26.6	4	Immature	N/A		2024 - Stand has regenerated nicely and is currently fully stocked. Stand
	Canopy Species	% Cover	Size Class	DBH	l Age						has larger white pine and oak scattered throughout the stand. Overstory trees make up less than 20% of canopy cover. Not enough canopy to go
	White Pine	10	Log	10							after.
	White Oak	10	Log/XLog	16							2019 - Stand was Final Harvested under Contract Red Pine Colored
	Red Oak	10	Sapling	1	4						Glasses (61-127-01)
	Red Maple	20	Sapling	1							
	Bigtooth Aspen	49	Sapling	1	4						
	Paper Birch	1	Pole	8							
37	42110 - Pla	42110 - Planted Red Pine Canopy Species % Cover Size Cla			er Well	44.3	34	51-80	N/A		2023 - Stand has turned into pole stand this year or entry. Might be able to 3rd row thin stand next year of entry.
	Canopy Species	% Cover	Size Class	DBH	l Age						2013 - Almost a pole stand. Trees are about 20' tall.
	Jack Pine	10	Pole/Sapling	5							1990 - Stand was planted to red Pine under FTP C62-401.
	Red Pine	90	Pole/Sapling	5	34						
	240 Hawhaa										2024 - Wellsite
39	310 - Herbac	eous Open	land	Nonst	ocked	1.2		Unspecified			2024 - Wellsite
40		eous Open		Nonsto		60.9		Unspecified	No		2023 - South Brand of Boardman River runs through stand. Some portion of stand have some mixed trees others is lowland shrub mostly made up of. tag alder.
		vland Shrub)	Nonsto		60.9	35	· 	No N/A		2023 - South Brand of Boardman River runs through stand. Some portion of stand have some mixed trees others is lowland shrub mostly made up of. tag alder. 2024 - Stand has multiple age aspen in it. Stand has larger oak and
40	622 - Lov	wland Shrub en, Mixed P)	Nonsto	ocked	60.9	35 nopy Specie	Unspecified		Size	 2023 - South Brand of Boardman River runs through stand. Some portion of stand have some mixed trees others is lowland shrub mostly made up of. tag alder. 2024 - Stand has multiple age aspen in it. Stand has larger oak and white pine. Consider clearcuting next year of entry to expand aspen into
40	622 - Lov 4133 - Aspe	wland Shrub en, Mixed P	ine Pol	Nonsto	ocked r Medium	60.9 18.1 Sub-Ca		Unspecified	N/A	Size Sapling	2023 - South Brand of Boardman River runs through stand. Some portion of stand have some mixed trees others is lowland shrub mostly made up of. tag alder. 2024 - Stand has multiple age aspen in it. Stand has larger oak and white pine. Consider clearcuting next year of entry to expand aspen into several openings located within stand boundaries.
40	622 - Low 4133 - Aspe Canopy Species	wland Shrub en, Mixed P % Cover	ine Pol	Nonsto	ocked r Medium	60.9 18.1 Sub-Ca	nopy Specie	Unspecified 1-50 Bes Density	N/A Avg. Height		2023 - South Brand of Boardman River runs through stand. Some portion of stand have some mixed trees others is lowland shrub mostly made up of. tag alder. 2024 - Stand has multiple age aspen in it. Stand has larger oak and white pine. Consider clearcuting next year of entry to expand aspen into several openings located within stand boundaries.
40	622 - Low 4133 - Aspe Canopy Species Black Cherry	wland Shrub en, Mixed P % Cover	ine Pol Size Class Pole/Sapling	Nonsto	ocked r Medium	60.9 18.1 Sub-Ca	nopy Specie	Unspecified 1-50 Bes Density	N/A Avg. Height		2023 - South Brand of Boardman River runs through stand. Some portion of stand have some mixed trees others is lowland shrub mostly made up of. tag alder. 2024 - Stand has multiple age aspen in it. Stand has larger oak and white pine. Consider clearcuting next year of entry to expand aspen into several openings located within stand boundaries.
40	622 - Low 4133 - Aspe Canopy Species Black Cherry Red Oak	wland Shrub en, Mixed P % Cover 10 5	ine Poli Size Class Pole/Sapling Log/XLog	Nonsto	r Medium	60.9 18.1 Sub-Ca	nopy Specie	Unspecified 1-50 Bes Density	N/A Avg. Height		2023 - South Brand of Boardman River runs through stand. Some portion of stand have some mixed trees others is lowland shrub mostly made up of. tag alder. 2024 - Stand has multiple age aspen in it. Stand has larger oak and white pine. Consider clearcuting next year of entry to expand aspen into several openings located within stand boundaries.
40	622 - Low 4133 - Aspe Canopy Species Black Cherry Red Oak Bigtooth Aspen	en, Mixed P **Cover** 10 5 55 30	ine Pole Size Class Pole/Sapling Log/XLog Pole/Sapling Pole/Sapling	Nonsto	r Medium	60.9 18.1 Sub-Ca	nopy Specie	Unspecified 1-50 Bes Density	N/A Avg. Height		2023 - South Brand of Boardman River runs through stand. Some portion of stand have some mixed trees others is lowland shrub mostly made up of. tag alder. 2024 - Stand has multiple age aspen in it. Stand has larger oak and white pine. Consider clearcuting next year of entry to expand aspen into several openings located within stand boundaries. 2023 - Stand is transition stand down to river. Aspen has become pole
40	4133 - Aspe Canopy Species Black Cherry Red Oak Bigtooth Aspen White Pine	wland Shrub en, Mixed P % Cover 10 5 55 30 en, Mixed P	ine Pole Size Class Pole/Sapling Log/XLog Pole/Sapling Pole/Sapling	Nonsto	r Medium I Age	60.9 18.1 Sub-Ca Wh	nopy Specie	1-50 es Density Low	N/A Avg. Height Variable		2023 - South Brand of Boardman River runs through stand. Some portion of stand have some mixed trees others is lowland shrub mostly made up of. tag alder. 2024 - Stand has multiple age aspen in it. Stand has larger oak and white pine. Consider clearcuting next year of entry to expand aspen into several openings located within stand boundaries. 2023 - Stand is transition stand down to river. Aspen has become pole size this year of entry. There are large oak and pine as the stand drops
40	622 - Low 4133 - Aspe Canopy Species Black Cherry Red Oak Bigtooth Aspen White Pine 4133 - Aspe	wland Shrub en, Mixed P % Cover 10 5 55 30 en, Mixed P	ine Pole Size Class Pole/Sapling Log/XLog Pole/Sapling Pole/Sapling	Nonsto	r Medium I Age 35	18.1 Sub-Car Wh	nopy Specie nite Pine	1-50 es Density Low	N/A Avg. Height Variable	Sapling	2023 - South Brand of Boardman River runs through stand. Some portion of stand have some mixed trees others is lowland shrub mostly made up of. tag alder. 2024 - Stand has multiple age aspen in it. Stand has larger oak and white pine. Consider clearcuting next year of entry to expand aspen into several openings located within stand boundaries. 2023 - Stand is transition stand down to river. Aspen has become pole size this year of entry. There are large oak and pine as the stand drops down to the river. Most of stand would fall into river buffer and won't be able to be harvested due to BMP guidelines, remember to follow BMP
40	622 - Low 4133 - Aspe Canopy Species Black Cherry Red Oak Bigtooth Aspen White Pine 4133 - Aspe Canopy Species	en, Mixed P Cover 10 5 55 30 en, Mixed P	ine Pole Size Class Pole/Sapling Log/XLog Pole/Sapling Pole/Sapling ine Pole Size Class	Nonsto	r Medium I Age 35	18.1 Sub-Cal Wh	nopy Specie 39 nopy Specie	1-50 es Density Low 51-80 es Density	N/A Avg. Height Variable N/A Avg. Height	Sapling	2023 - South Brand of Boardman River runs through stand. Some portion of stand have some mixed trees others is lowland shrub mostly made up of. tag alder. 2024 - Stand has multiple age aspen in it. Stand has larger oak and white pine. Consider clearcuting next year of entry to expand aspen into several openings located within stand boundaries. 2023 - Stand is transition stand down to river. Aspen has become pole size this year of entry. There are large oak and pine as the stand drops down to the river. Most of stand would fall into river buffer and won't be able to be harvested due to BMP guidelines, remember to follow BMP guidelines for any future harvest of stand.
40	4133 - Aspe Canopy Species Black Cherry Red Oak Bigtooth Aspen White Pine 4133 - Aspe Canopy Species White Oak	wland Shrub en, Mixed P % Cover 10 5 55 30 en, Mixed P % Cover 5	ine Pole Size Class Pole/Sapling Log/XLog Pole/Sapling Pole/Sapling ine Pole Size Class Log/XLog	Nonsto	r Medium I Age 35	18.1 Sub-Cal Wh	nopy Specie 39 nopy Specie ed Oak	1-50 es Density Low 51-80 es Density Low	N/A Avg. Height Variable N/A Avg. Height < 5 feet	Sapling Size Sapling	2023 - South Brand of Boardman River runs through stand. Some portion of stand have some mixed trees others is lowland shrub mostly made up of. tag alder. 2024 - Stand has multiple age aspen in it. Stand has larger oak and white pine. Consider clearcuting next year of entry to expand aspen into several openings located within stand boundaries. 2023 - Stand is transition stand down to river. Aspen has become pole size this year of entry. There are large oak and pine as the stand drops down to the river. Most of stand would fall into river buffer and won't be able to be harvested due to BMP guidelines, remember to follow BMP
40	4133 - Aspe Canopy Species Black Cherry Red Oak Bigtooth Aspen White Pine 4133 - Aspe Canopy Species White Oak Red Maple	wland Shrub en, Mixed P % Cover 10 5 55 30 en, Mixed P % Cover 5 10	ine Pole Size Class Pole/Sapling Log/XLog Pole/Sapling Pole/Sapling ine Pole/Sapling Size Class Log/XLog Pole/Sapling	Nonsto	r Medium I Age 35	18.1 Sub-Cal Wh	nopy Specie 39 nopy Specie ed Oak	1-50 es Density Low 51-80 es Density Low	N/A Avg. Height Variable N/A Avg. Height < 5 feet	Sapling Size Sapling	2023 - South Brand of Boardman River runs through stand. Some portion of stand have some mixed trees others is lowland shrub mostly made up of. tag alder. 2024 - Stand has multiple age aspen in it. Stand has larger oak and white pine. Consider clearcuting next year of entry to expand aspen into several openings located within stand boundaries. 2023 - Stand is transition stand down to river. Aspen has become pole size this year of entry. There are large oak and pine as the stand drops down to the river. Most of stand would fall into river buffer and won't be able to be harvested due to BMP guidelines, remember to follow BMP guidelines for any future harvest of stand.



Stand	d Level 4 C	over Type		Size Density		Acres Stand Age BA Range			Managed S	ite	General Comments
44	42210 - Na	tural Red Pi	ine I	Poletimb	er Poor	41.5	60	1-50	N/A		2024 - Stand has pockets of nice, advanced regeneration in open areas.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	s Density	Avg. Height	Size	Red pine is still a bit too small to remove the top at this point. Might be worth holding red pine till aspen regeneration hits rotation cycle and
	White Pine	10	Pole	8		Bigto	oth Aspen	Medium	5 - 10 feet	Sapling	clearcut stand at that point.
	Red Pine	80	Pole	8	60	Wh	nite Oak	Medium	Variable	Sapling	2007 - Stand was thinned under contract South Branch Red - Jack (61-
	Red Oak	10	Log	16		Red	d Maple	Medium	5 - 10 feet	Sapling	028-06). Sale consisted of the Removal all jack pine, red maple and aspen trees and all red pine trees > 16" DBH.
						Re	ed Oak	Low	Variable	Sapling	appear troop and air roa pine troop > 10 BBH.
						Wh	ite Pine	Low	5 - 10 feet	Sapling	
						Ja	ck Pine	Medium	5 - 10 feet	Sapling	
45	42220 - Nat	ural Jack P	ine	Poletimb	er Well	29.7	54	51-80	N/A		2024 - Fully stocked Jack Pine Stand
	Canopy Species	% Cover	Size Class	DBH	I Age						
	Bigtooth Aspen	10	Pole	6							
	White Pine	10	Pole	6							
	Jack Pine	80	Pole	8	54						
46	4131 - A	spen, Oak		Sapling	g Well	43.5	16	Immature	N/A		2024 - Aspen has taken over stand since last year of entry. Stand should
	Canopy Species	% Cover	Size Class	DBH	I Age						continue to push towards aspen / jack pine stand in future. Oak has been heavily browsed by deer. Stand has some scattered large oaks left in it.
	Red Oak	20	Sapling	1							2008 - Sale was final harvested under contract South Branch Mix sale
	Jack Pine	10	Sapling	1							(61-080-06-01). Scattered oaks were left scattered in sale area.
	Red Maple	20	Sapling	1	16						
	Bigtooth Aspen	40	Sapling	1	16						
	Paper Birch	10	Sapling	1							
47	4132 - Asp	en, Jack Pi	ne	Poletimb	er Well	15.3	41	51-80	N/A		2024 - Stand does have some multi age aspen in it with a few portions of
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	the stand being sapling stage yet. Final harvest in 10 years should ensure aspen clone are even aged across stand in future.
	Bigtooth Aspen	60	Pole/Sapling	9 6	41	Wh	ite Pine	Medium	Variable	Sapling	and a speri done are even aged adress stand in ratare.
	White Pine	15	Pole	6						1	
	Jack Pine	25	Pole	6							
48	310 - Herbac	Jack Pine 25 Pole 310 - Herbaceous Openland		Nonstocked		9.0	ι	Jnspecified			2024 - Pipeline runs through stand, Pipeline right away had been cleared. Pipeline right of way is also used as snowmobile trail.
51	42290 - Natu	ural Mixed F	Pine	Sawtimb		7.9	82	111-140	N/A		2024 - Mixed pine stand some larger white and red pine in stand. Due to small size of stand hold stand till next year of entry and thin with adjacent
	Canopy Species		Size Class		I Age		nopy Species		Avg. Height	Size	stands.
	White Oak	5	Log	12		Wh	ite Pine	Medium	Variable	Sapling	
	Red Pine	30	Log	12							
	Jack Pine	5	Pole	8							
	White Pine	55	Log	12	82						
	Bigtooth Aspen	5	Pole	8							

Stand	nd Level 4 Co	over Type	ver Type		nsity	Acres	Stand Age E	BA Range	Managed S	ite	General Comments
52	4132 - Asp				Poletimber Well DBH Age		26	Immature	N/A		2024 - Stand is pole size at this time, but still has a good amount of sapling trees in it. Stand has larger oak and pine that were left during
	Canopy Species		Size Class		Age						clear-cut 25 years ago.
	White Pine	3	Log/XLog								1998 - Stand was clearcut under contract Section 8 Sale (61-040-96).
	White Oak	8	Sapling/Po								
	Red Pine	2	Log	16							
	Jack Pine	25	Pole/Saplir	•	26						
	Red Oak	5	Log/XLog	_							
	Bigtooth Aspen	50	Pole/Saplir	-	26						
	Red Oak	5	Sapling								
	White Pine	2	Sapling	2							
53	42260 - Natural Pi	ne, Mixed D	Deciduous	Sawtimb	er Well	25.7	58	111-140	N/A		2023 - Stand is transition stand down to river, stand has steep hill
	Canopy Species	% Cover	Size Class	s DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	and write pine in. Legacy trees appear to be seed source for adjacer
	Jack Pine	10	Pole	8		Wh	nite Pine	Low	5 - 10 feet	Sapling	stand. This would be a good stand with river on one side and steep hill t
	White Pine	15	XLog	46							manage stand for big / legacy trees. 2013 - Aspen mixed in with red pine and jack pine. Lots of size classes i
	Bigtooth Aspen	15	Log/Pole	10							red pine. Aspen looks ready to cut. Additional BA 110.
	Red Maple	10	Pole	8							
	Red Pine	45	Log/Pole	10	58						
	Red Oak	5	Log	14							
54	4191 - Mixed Upla Co	and Decidu onifer	ous with	Poletimb	er Well	4.4	90	51-80	N/A		2024 Scattered large oak. appears to be old species removal lots of pole sized red maple and aspen in stand.
	Canopy Species	% Cover	Size Class	s DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Bigtooth Aspen	15	Pole	8		Wh	nite Pine	Low	Variable	Sapling	
	White Pine	20	Pole	8							
	Red Maple	10	Pole	8							
	Red Oak	25	Log/Pole	10							
	White Oak	30	Log/Pole	12	90						
57	42290 - Natu	ıral Mixed F	Pine	Sawtimb	er Well	206.8	75	111-140	N/A		2024 - Natural mixed pine stand. Going to treat half stand this year of
	Canopy Species	% Cover	Size Class	s DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	entry. Adding mixed pine objective during time period were harvesting mixed pine is put on hold. Treatment may need to be tweaked to full fill
	Red Pine	48	Log/Pole	10	75	Wh	nite Pine	Medium	Variable	Sapling	management goals in the future. Stand has Many age and size classes
	Jack Pine	13	Pole	8		Ja	ck Pine	Low	Variable	Sapling	Stand has a very full stocked understory in places where the stand is
	Red Maple	3	Pole	8		R	ed Oak	Medium	Variable	Sapling	more open. Aspen is in rough shape in some areas starting to die off. Stand also has a decent amount of Jack Pine in pockets within the stand
	White Oak	2	Log	14		R	ed Pine	Low	Variable	Sapling	Starte also had a decent amount of back I me in pockets within the start
	Bigtooth Aspen	8	Log/Pole	10		WI	nite Oak	Medium	Variable	Sapling	
	Red Oak	3	Log	14		Re	d Maple	Low	Variable	Sapling	
	White Pine	23	Log/Pole	10							
59	500 -	- Water		Nonsto	ocked	3.7	l	Jnspecified	No		2023 - Seasonal flooded

Compartment: 155

Year of Entry: 2026

Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age E	BA Range	Managed S	iite	General Comments
60	42110 - Pla	nted Red P	ine	Sawtimb	er Well	37.1	75	171-200	N/A		2024 - Stand has scattered large oaks. Stand is ready o be thinned.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Basal area is greater than 180 at this time. 2013 - Decent quality, 4-5 stick trees. Some scattered oak. Most of the
	Red Pine	95	Log/Pole	11	75	Re	ed Maple	Low	Variable	Sapling	defect has been thinned out. Most tops still have room to expand.
	Red Oak	5	Log	14		Bigto	oth Aspen	Low	Variable	Sapling	Thinned red pine as part of 61-061-96-01.
				•		R	ed Oak	Low	Variable	Sapling	
						WI	hite Oak	Low	Variable	Sapling	
						WI	nite Pine	Low	Variable	Sapling	
61	6112 - Lo	wland Aspe	n P	oletimbe	Medium	n 37.1	65	51-80	N/A		2023 - Taylor Creek Runs throughout stand.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	65	Pole	9	65	Ta	ag Alder	Medium	5 - 10 feet	Tall Shrub	
	Bigtooth Aspen	10	Pole	6							
	Balsam Fir	10	Pole	6							
No	rthern White Cedar	15	Pole	8							
62	4132 - Asp	en, Jack Pi	ne	Sapling	Well	12.5	19	Immature	N/A		2024 - Stand is planted Jack Pine over topped with aspen at this time.
	Canopy Species	% Cover	Size Class	DBH	Age						Stand was planted with stand 63 in compartment 61156. 1998 - Stand was final harvested under contract Taylor Creek Aspen (61
	Jack Pine	35	Sapling	1	19						151-96) completed
	Red Oak	5	Sapling	1							
	Bigtooth Aspen	60	Sapling	2	19						
63	42290 - Natu	ıral Mixed F	Pine	Sawtimb	er Well	44.2	85	81-110	N/A		2024 - Stand average basal area is right around 105 this year of entry.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Stand has fully stocked understory. Aspen and red maple are just gettin to merchantability this year of entry. Allow red maple and aspen to grow
	Red Pine	35	Log	12		Re	ed Maple	Medium	Variable	Sapling	anther 10 to 20 years and restart stand. Stand does have some legal
	White Pine	55	Log	14	85	WI	nite Pine	Full	Variable	Sapling	white pine in it.
	Red Oak	10	Log	12		Bigto	oth Aspen	Medium	Variable	Sapling	
64	42290 - Natu	ıral Mixed F	Pine S	awtimber	Medium	n 185.9	85	81-110	N/A		2024- Understory of stand is variable throughout the stand with some
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	understory. 2020 - Thinned Fall Winter 2019/2020 Power Line Pine.
	Red Oak	10	Log/XLog			R	ed Oak	Low	Variable	Sapling	Lots of size classes, white pine coming in underneath. Some red pine is
	Red Pine	45	Log/Pole	12	85	WI	hite Oak	Low	Variable	Sapling	reaching maturity.
	White Pine	35	Log/Pole	12			ed Maple	Low	Variable	Sapling	
	White Oak	10	Log/XLog	13			oth Aspen	Medium	Variable	Sapling	
						WI	nite Pine	Medium	Variable	Sapling	
						R	ed Pine	Low	Variable	Sapling	

Stand	··			Size Density		Acres	Stand Age E	BA Range	Managed \$	Site	General Comments
65	42200 - Natu	ural White F	Pine	Sawtimb	er Well	44.9	85	111-140	N/A		2024 - Variable basal areas from 150 down to 20. Stand has fully
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Cai	nopy Species	Density	Avg. Height	Size	stocked A3 under it 2010 - Harvest was completed under contract Boardman River Mix, 61-
	Red Oak	5	Log	14		Bigto	oth Aspen	Full	Variable	Sapling	081-06-01, completed March 2010. Removed all maple, aspen and jack
	White Pine	75	Log/XLog	14	85	Wite	ch Hazel	Low	5 - 10 feet	Tall Shrub	pine. Stocking is variable.
	Red Pine	20	Log/Pole	12		Wh	ite Pine	Medium	< 5 feet	Sapling	
						Re	d Maple	Medium	Variable	Sapling	
66	42290 - Natu	ıral Mixed F	Pine P	oletimbe	r Medium	n 11.6	72	51-80	N/A		2024 - Small stand cut with adjacent stand jn future
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Pine	20	Log/Pole	10		Wh	ite Pine	Medium	Variable	Sapling	
	Quaking Aspen	10	Pole	6						,	•
	Jack Pine	50	Pole	8	72						
	White Pine	20	Log/Pole	10							
68	4130	- Aspen		Poletimb	er Well	7.8	36	1-50	N/A		2024 - Stand transitioned to pole stand this year of entry. 1988 - Stand was final harvested under contract Taylor Creek Sale (61-
	Canopy Species	% Cover	Size Class								043-86).
	Bigtooth Aspen	80	Pole/Sapling	g 6	36						
	Paper Birch	10	Pole/Sapling	g 6							
	Red Maple	10	Pole/Sapling	g 6							
69	6118 - Lowland D	eciduous w	ith Cedar P	oletimbe	r Medium	n 25.5	84	1-50	N/A		2024 - Stand has a drain running through it and was flooded during field
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	visit. Ash is all dead in stand and aspen on edge of stand is poor quality
	Quaking Aspen	10	Pole	8		Ta	g Alder	Low	Variable	Tall Shrub	
Noi	rthern White Cedar	20	Pole	8							
	Red Maple	10	Pole	7							
	Paper Birch	5	Pole	7							
	Black Ash	55	Pole	6	84						
71	4139 - Aspen,			Sawtimb	er Well	9.1	50	81-110	N/A		2024 - Stand is fully stocked aspen stand with mix of several other species. Stand could be harvested this YOE or held till next one with an
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Car	nopy Species	Density	Avg. Height	Size	noticeable issues.
	Bigtooth Aspen	40	Log/Pole	10	50	Bla	ack Ash	Low	Variable	Sapling	
	White Pine	10	Log	12		Re	d Maple	Medium	Variable	Sapling	
	Black Cherry	5	Pole/Sapling	g 6							
	Red Maple	35	Log/Pole	10	50						
	Paper Birch	10	Pole/Sapling	a 6							



Stan	d Level 4 Ce	Level 4 Cover Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	ite	General Comments
72	4130 Canopy Species Red Maple Red Oak White Pine Bigtooth Aspen	- Aspen **Cover 20 5 5 70	Size Class Sapling Log Log Sapling	Sapling DBH 2 14 12 2	Well Age	19.5	15	Immature	N/A		2024 - Stand is fully stocked, stand has white pine filling in under it 2009 - Part of Crofton Aspen, 61-097-06-01, completed April 2009.
74	622 - Low	vland Shrub)	Nonsto	cked	182.5	l	Unspecified	No		2023 - Taylor Creek Runs through stand. Stand has seasonal flooding and some beaver damage issues.
75	4130	- Aspen	(Sawtimb	er Well	75.0	50	81-110	N/A		2023 - Stand will need new culvert on west side to enter stand with
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	anything heavier than a pickup truck. Stand is fully stocked aspen. Stand
	Bigtooth Aspen	80	Log/Pole	10	50		nite Pine	Low	10 - 20 feet	Sapling	can be cut or held this year of entry.
	Red Maple	10	Log/Pole	10						3 1 3	
	White Pine	10	Pole	6							
76	4130	- Aspen	F	Poletimb	er Well	20.7	26	1-50	N/A		2023 - Stand is transitioning into pole stand this year of entry.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	1998 - Stand was final harvested under contract Taylor Creek Aspen (61-151-96) completed
	White Pine	5	Log	12			nite Pine	Low	< 5 feet	Sapling	151-96) completed
	Red Oak	5	Log	14						, ,	
	Bigtooth Aspen	90	Pole/Sapling	5	26						
78	42200 - Natu	ıral White F	Pine S	Sawtimb	er Well	8.7	99	81-110	N/A		2024 - Stand understory is slowly starting to fill in at this time. ¬ 2020 - Thinned Fall Winter 2019/2020 Power Line Pine.
	Canopy Species		Size Class		Age		nopy Species		Avg. Height	Size	2020 Thinlied Fair Whiter 2010/2020 Fortist Enter His.
	Red Pine	25	Log	14			ed Maple	Low	>20 feet	Sapling	
	White Pine	75	Log	14	99	W	nite Pine	Low	10 - 20 feet	Sapling	
79	4130	- Aspen		Sapling	Well	18.9	26	Immature	N/A		2024 - Stand is starting to get a few poles in it. Should transition into pole stand next year of entry.
	Canopy Species	% Cover	Size Class	DBH	Age						1998 - Stand was final harvested under contract Taylor Creek Aspen (61
	White Pine	15	Sapling	2							151-96) completed
	Red Oak	5	Log	14							
	Bigtooth Aspen	80	Sapling/Pole	3	26						
80	4191 - Mixed Upla Co	and Decidu onifer	ous with	Sawtimb	er Well	6.8	73	51-80	N/A		2024 - Some portions of stand that are more open have fully stocked aspen regeneration.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	2020 - Thinned Fall Winter 2019/2020 Power Line Pine. Hilly terrain.
	Red Pine	25	Log/Pole	10		Bigto	oth Aspen	Medium	Variable	Sapling	
	White Oak	5	Log/Pole	12		W	nite Pine	Medium	Variable	Sapling	
	Red Maple	15	Pole	8							
	White Pine	15	Log/Pole	10							
	Red Oak	40	Log	12	73						



Stand	Level 4 Co	Level 4 Cover Type			ensity	Acres	Stand Age	BA Range	Managed S	ite	General Comments
81	310 - Herbac	eous Open	land	Nonst	ocked	15.2		Unspecified			2024 - Powerline Transition lines run throughout stand.
82	42200 - Natu	ıral White F	Pine	Sawtimb	er Well	18.1	85	111-140	N/A		2024 - Hold stand and thin stand when stand 75 is harvested. Not worth
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	the culvert to harvest this stand at this time.
	Red Pine	5	Log	12			d Maple	High	Variable	Sapling	
	Quaking Aspen	5	Pole	8							
	White Pine	85	Log	14	85						
	Red Maple	5	Pole	8							
84	4311 - Pine	4311 - Pine, Aspen Mix Canopy Species % Cover Size Cla				47.9	72	111-140	N/A		2024 - Stand has nice pocket of red pine in it. White pine varies from
	Canopy Species						nopy Specie	s Density	Avg. Height	Size	extra larger tree to pole size. Several aspen clones throughout stand
	Bigtooth Aspen	20	Log/Pole	12		Wh	nite Pine	Low	Variable	Sapling	
	Red Oak	9	Log	14				-			
	Red Maple	16	Log/Pole	10							
	White Pine 3	30	Pole Log	8	72						
	Red Pine	25	Log	12							
87	4130	- Aspen		Sapling	g Well	9.7	15	Immature	N/A		2024 - Some beaver activity in stand. Stand is fully stocked pole stand a
	Canopy Species	% Cover	Size Class	DBH	l Age						this time. 2009 - Part of Crofton Aspen, 61-097-06-01, completed April 2009.
	Red Maple	20	Sapling	1							2000 Talt of Orottom Appen, of 007 00 01, completed April 2000.
	Bigtooth Aspen	75	Sapling	1	15						
	Red Oak	5	Log	14							
88	6118 - Lowland De	eciduous w	ith Cedar	Poletimb	er Well	4.7	81	Unspecified	N/A		2024 - Small spring fed drainage in stand. BMP guidelines won't allow
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	harvest of stand. Most of aspen has died out of stand, allowing cedar to slowly start to take over in dominate overstory.
	Red Maple	15	Pole/Log	10		Asp	en (spp.)	Low	< 5 feet	Sapling	slowly start to take over in dominate overstory.
	Paper Birch	15	Pole	8							-
Noi	rthern White Cedar	30	Pole	6							
	Balsam Fir	5	Pole	6							
	Quaking Aspen	35	Pole/Log	10	81						
89	4133 - Aspen, Mixed Pine		ine	Poletimb	er Well	52.0	52	51-80	N/A		2024 - Rolling hills throughout stand. Stand has super canopy oak over
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	aspen. Stand can be held or cut this year of entry.
	White Pine	15	Log	12	75	Wh	nite Pine	Medium	Variable	Sapling	
	Red Maple	10	Pole/Log	9							-
	Red Oak	15	Log/Pole	12							
	Red Pine	10	Log	12							
	Bigtooth Aspen	50	Pole/Log	9	52						

Report 7 - Stands



Stand	d Level 4 C		Size Density Sawtimber Well		Acres	Stand Age E	SA Range	Managed Site		General Comments 2024 - Stand understory is slowly starting to fill in at this time. 2020 - Thinned Fall Winter 2019/2020 Power Line Pine. E	
90	42290 - Natural Mixed Pine					40.7	80				51-80
	Canopy Species		Size Class		l Age		nopy Species	Density	Avg. Height	Size	
	Red Oak	8	Log	12			ite Oak	Low	Variable	Sapling	
	Red Pine	35	Log	12		Wh	ite Pine	Medium	Variable	Sapling	
	White Pine	49	Log	12	80	Re	ed Pine	Low	Variable	Sapling	
	White Oak	8	Log	14			oth Aspen	Medium	Variable	Sapling	
						Re	ed Oak	Low	Variable	Sapling	
91	622 - Lov	wland Shrub)	Nonsto	ocked	20.0	U	Inspecified	No		
92	4133 - Aspen, Mixed Pine			Poletimber Well		3.7	3.7 50 81-110		N/A		2024 - stand is not big enough for the amount of crane mats it will take t
	Canopy Species % Cover Size Class		Size Class	s DBH Age		Sub-Canopy Species		Density	Density Avg. Height		avoid serious wetland damages during harvest.
	Quaking Aspen	60	Pole	6	50	Bal	sam Fir	Low	Variable	Sapling	
	White Pine	25	Log	12							_
	Red Maple	10	Pole	8							
	Balsam Fir	5	Pole	6							
93						· · · · · · · · · · · · · · · · · · ·		N/A		2024 - Stand was extremely wet with warm winter conditions. Ash all died out of stand. Aspen poor quality.	
	Canopy Species		Size Class		l Age	Sub-Canopy Species Tag Alder			Avg. Height	Size	
NIO	Quaking Aspen	10 30	Pole Pole	6	99	Ia	g Aldel	High	Variable	Tall Shruk	
INO	Black Spruce	10	Pole	6	99						
	Balsam Fir	10	Pole	6							
	Tamarack	5	Pole	6							
	Red Maple	15	Pole	6							
	Paper Birch	20	Pole	6							
97	6129 - Mixed Conif				r Mediun	n 62.7	99	51-80	N/A		2024 - Stand extremely wet with warm winter conditions. Stand does
•	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species		Density	Avg. Height	Size	have some lowland shrub areas scattered throughout it but seems too
	Red Maple	5	Pole	6	90		g Alder	Medium	Variable	Tall Shrub	mostly forested.
	Balsam Fir	15	Pole	6			J				
	Black Spruce	25	Pole	6							
	Paper Birch	5	Pole	6							
No	orthern White Cedar	45	Pole	6	99						
	Quaking Aspen	5	Pole	6							
98	4130 - Aspen			Sapling Well		25.9	15	Immature	N/A		2024 - Fully stocked aspen stand with some white pine in
	Canopy Species	% Cover	Size Class								understory.2013 - Part of Crofton Aspen, 61-097-06-01, completed April
	Bigtooth Aspen	90	Sapling	2	15						2009. Dense regeneration about 10' tall. Scattered oak.
	White Pine	10	Sapling	1							
	WINCO I IIIO	10	Caping								

Report 7 - Stands



Stand	Level 4 Cover Type 122 - Road/Parking Lot			Size Density Nonstocked		Acres	Stand Age BA Range		Managed Site		General Comments
100						3.8		Unspecified			2024 - US-131 corridor.
101	4130	- Aspen		Sawtimb	er Well	4.8	51	51-80	N/A		2024 - Stand is set to be disposed of by state.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	
	Bigtooth Aspen	78	Log/Pole	11	51	W	hite Pine	Medium	Variable	Sapling	
	Red Maple	10	Log/Pole	12							_
	White Pine	10	Log/Pole	11							
	Red Pine	2	Pole	8							
102	42200 - Natu	ıral White F	Pine S	awtimber	Mediur	n 26.7	56	51-80	N/A		2024 - Stand has fully stocked aspen stand under pine across most of
	Canopy Species	% Cover	Size Class	DBH	DBH Age		Sub-Canopy Species		Avg. Height	Size	stand. 2009 - Aspen removed as part of Crofton Aspen, 61-097-06-01, completed April 2009.
	Red Oak	5	Log	12		Bigto	ooth Aspen	High	5 - 10 feet	Sapling	
	White Pine	95	Log	12	56	Re	ed Maple	Medium	5 - 10 feet	Sapling	