

# Compartment Review Presentation

Traverse City Forest Management Unit

Compartment 61144

Entry Year: 2027

Acreage: 1,930

County: Kalkaska

Management Area: High Sand Plains

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**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**

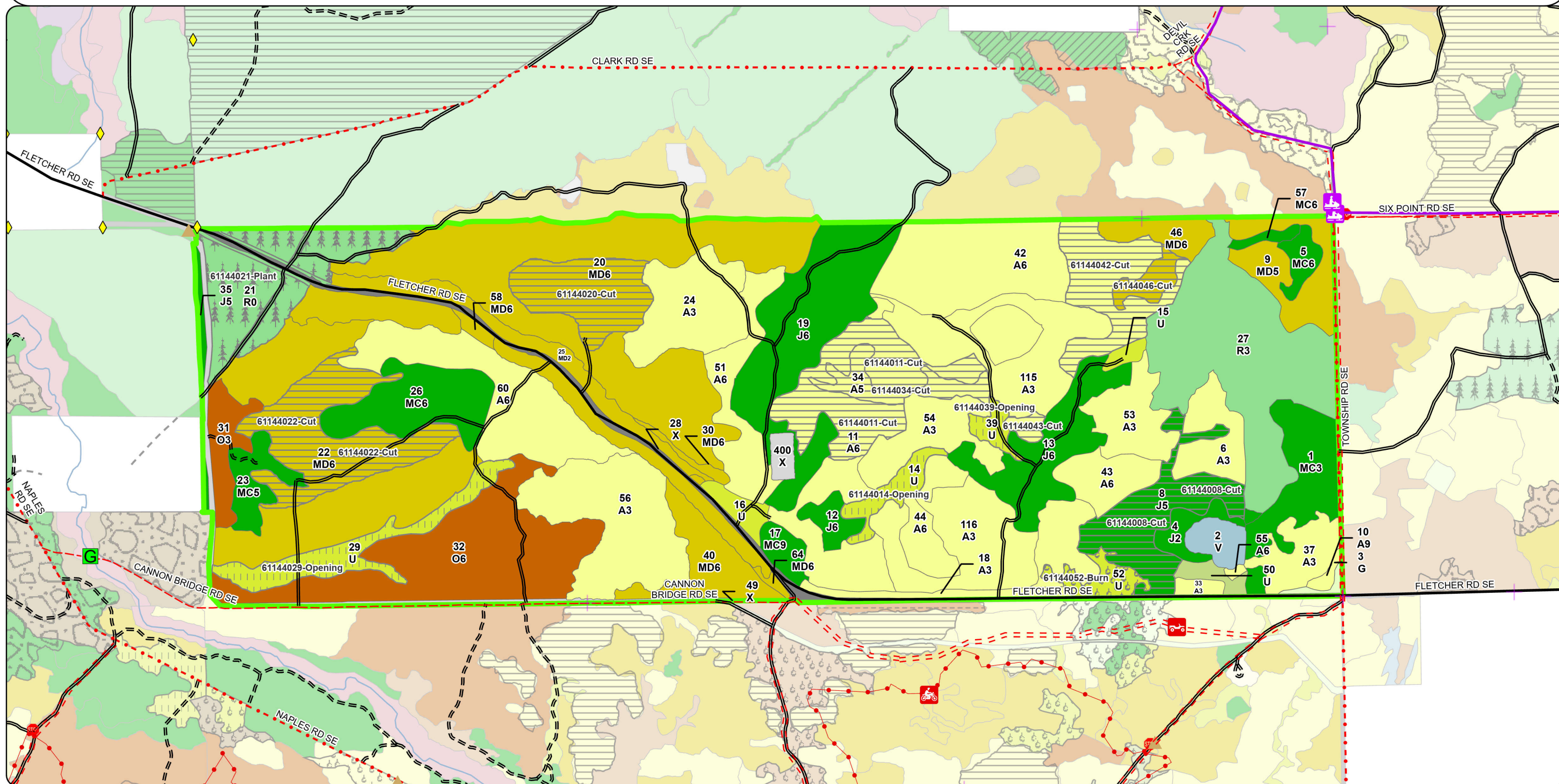


-  Remonumented Section Corners
-  Survey Grade Corners
-  Berms
-  Gate
-  Sign
-  Designated Motorcycle Trails
-  Designated ORV Routes

-  DNR - Secondary Forest Road  
 DNR - Forest Access Route  
 Federal / State / County - Paved Road  
 County - Gravel Road  
 County - Dirt Road (Seasonal)  
 Private - Dirt / Gravel Road  
 Perennial River  
 Counties

-  Compartment Boundary
-  Clearcut
-  Planting (tree species)
-  Prescribed Burn
-  Openings Mgmt.
-  412 - Oak Types
-  413 - Aspen
-  419 - Mixed Upland Deciduous

-  421 - Planted Pines
-  422 - Natural Pines
-  110 - Low Intensity Urban
-  122 - Road/Parking Lot
-  310 - Herbaceous Openland
-  320 - Upland Shrub
-  330 - Low Density Trees
-  622 - Lowland Shrub





# Stand Boundary Map

Compartment: 61144  
T25N R06W 22-24  
County: Kalkaska  
Unit: Traverse City  
Mgmt. Area: High Sand Plains  
YOE: 2027  
Acres: 1,930 GIS Calculated  
Examiner: Paul Roell  
Date Exported: 7/1/2025  
Map Phase: Web Post



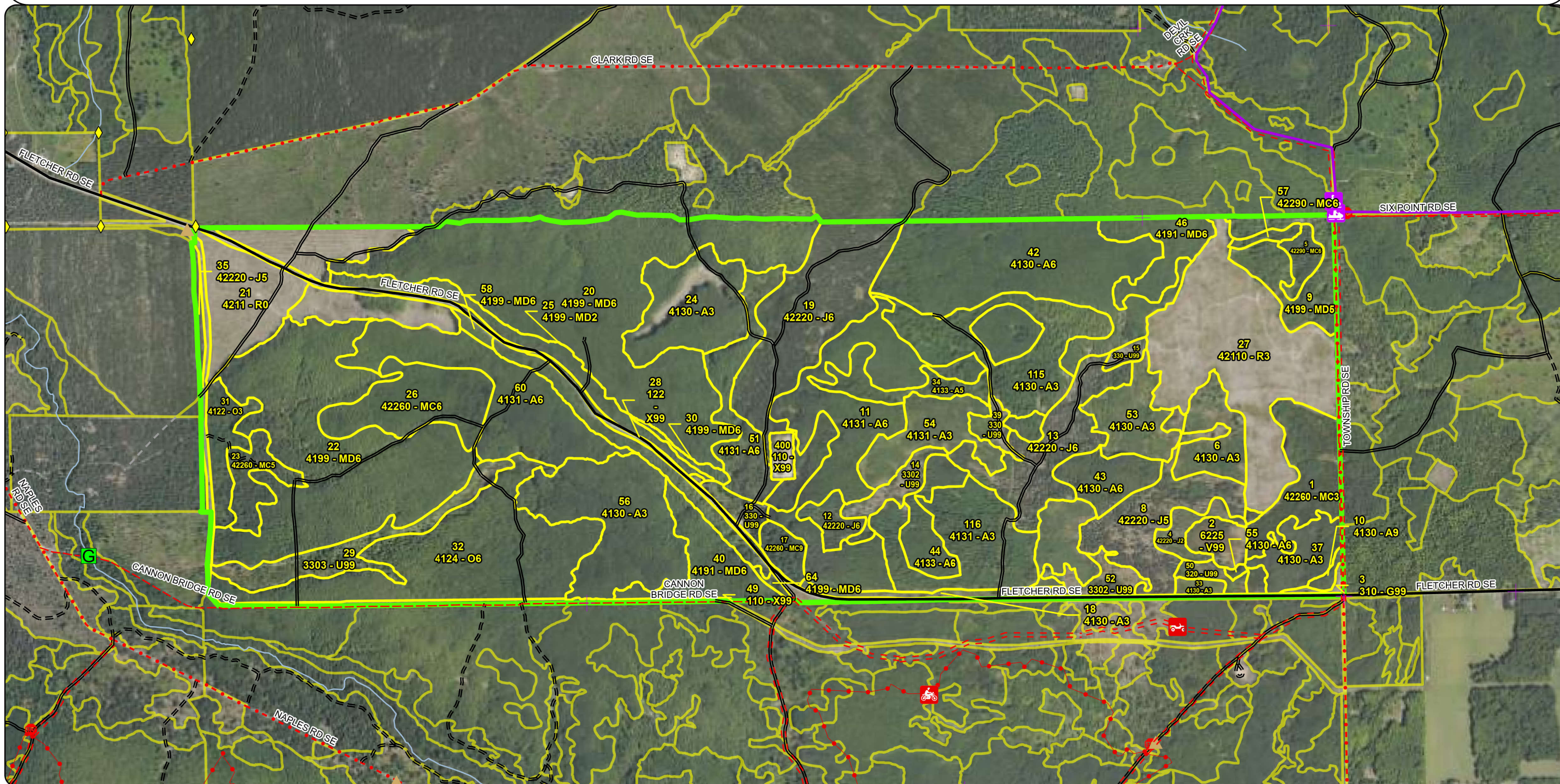
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- Remonumented Section Corners
- Survey Grade Corners
- Berms
- Gate
- Sign
- Designated Motorcycle Trails

- Designated ORV Routes
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road

- Perennial River
- Counties
- Compartment Boundary
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines

- 422 - Natural Pines
- 110 - Low Intensity Urban
- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 622 - Lowland Shrub














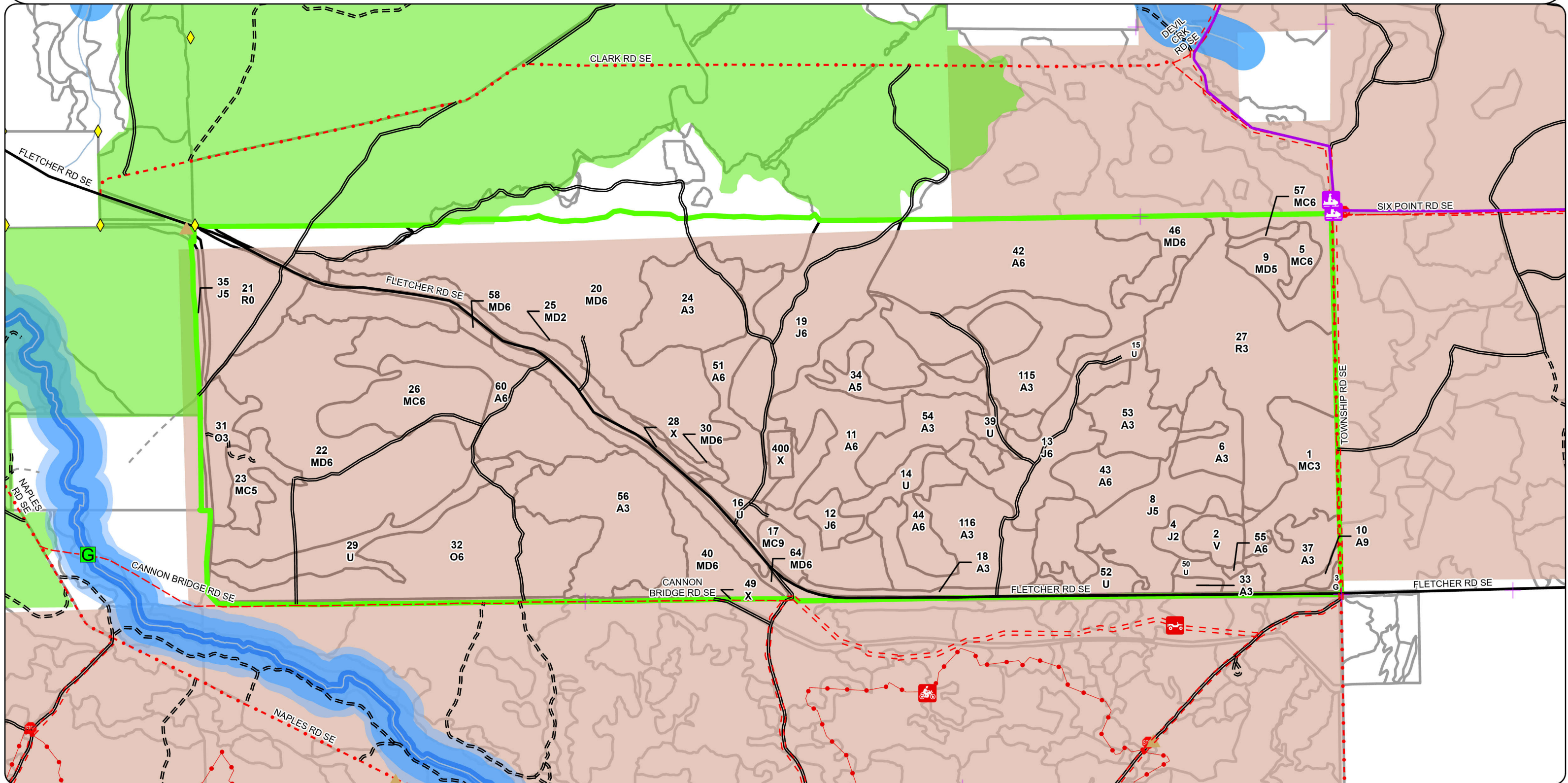
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□ Miles

-  Remonumented Section Corners
-  Survey Grade Corners
-  Berms
-  Gate
-  Sign
-  Designated Motorcycle Trails
-  Designated ORV Routes

-  DNR - Secondary Forest Road  
 DNR - Forest Access Route  
 Federal / State / County - Paved Road  
 County - Gravel Road  
 County - Dirt Road (Seasonal)  
 Private - Dirt / Gravel Road  
 Perennial River  
 Counties

-  Compartment Boundary
-  Stand Boundaries
-  Natural Rivers Vegetative Buffer
-  Natural Rivers Zoning District
-  Cold Water Streams
-  High Priority Trout Stream Buffer
-  Kirtland's Warbler Habitat
-  Research, Development, and Military Lands



# Report 1 – Total Acres by Cover Type and Age Class

	Age Class																		
	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	
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

Year of Entry: 2027

Acres of Harvest

Compartment 144

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

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Oversory Removal	Salvage	Other	Total Acres
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

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
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

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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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**Proposed Treatments:**

<b>52</b>	<b>61144052-Burn</b>	10.2	3302 - Low Density Conifer Trees	99			Burn	Prescribed Burn	3303 - Mixed Low Density Trees	Previous Inventory	No
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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 current 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:

Other  
Comment:

Site Condition:

Proposed Start Date: 10/01/2026

<b>46</b>	<b>61144046-Cut</b>	8.4	4191 - Mixed Upland Deciduous with Conifer	6	75	111- 140	Harvest	Clearcut	413 - Aspen	Planting Record	No
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Prescription Final harvest stand. Leave all white oak. Include grouse specs  
Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)  
Treatments:

Acceptable aspen, oak, red maple and pine  
Regen:

Other  
Comment:

Site Condition:

Proposed Start Date: 10/01/2026

<b>43</b>	<b>61144043-Cut</b>	3.5	4130 - Aspen	6	51	111- 140	Harvest	Clearcut	413 - Aspen	Planting Record	No
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Prescription Final harvest stand. Leave all white oak. Include grouse spec  
Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)  
Treatments:

Acceptable aspen, oak, red maple and pine  
Regen:

Other  
Comment:

Site Condition:

Proposed Start Date: 10/01/2026



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
<b>42 61144042-Cut</b>	40.4	4130 - Aspen	6	51	111-140	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Final harvest stand. Leave all white oak. Mark to leave no more than one white pine per acre for seed and vertical structure. Include drum <u>Specs:</u> spec and oak wilt spec.  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u>  <u>Acceptable</u> aspen, oak, red maple and pine <u>Regen:</u>  <u>Other</u> <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/01/2026										
<b>39 61144039-Opening</b>	6.1	330 - Low-Density Trees	99			Openings Mgmt.	Openings Mgmt.	3303 - Mixed Low Density Trees	Previous Inventory	No
<u>Prescription</u> Selectively remove woody vegetation to barrens equivalent. Important trees to retain would be mature "wolf" trees of oak, pine or cherry, <u>Specs:</u> fruiting shrubs, and a scattering of other trees and shrubs. Could plant native shrubs and trees. Should eventually burn to stimulate any existing seed bank and encourage existing native vegetation. Augment with additional native seeds/seedling as needed to diversify site for wildlife forage and cover. Eventually burn rotationally to maintain barrens dynamic. Remove invasive species mechanically or with herbicide treatment.  <u>Next Step</u> <u>Treatments:</u>  <u>Acceptable</u> <u>Regen:</u>  <u>Other</u> <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/01/2026										
<b>34 61144034-Cut</b>	16.0	4133 - Aspen, Mixed Pine	5	51	1-50	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Final harvest stand. Leave all white oak. Mark to leave no more than one white pine per acre for seed and vertical structure. Include drum log <u>Specs:</u> spec.  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u>  <u>Acceptable</u> aspen, oak, pine and red maple <u>Regen:</u>  <u>Other</u> <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/01/2026										

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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
<b>29 61144029-Opening</b>	29.2	3303 - Mixed Low Density Trees	99			Openings Mgmt.	Openings Mgmt.	3303 - Mixed Low Density Trees	Previous Inventory	No
<u>Prescription</u> Selectively remove woody vegetation to barrens equivalent. Important trees to retain would be mature "wolf" trees of oak, pine or cherry, fruiting shrubs, and a scattering of other trees and shrubs. Could plant native shrubs and trees. Should eventually burn to stimulate any existing seed bank and encourage existing native vegetation. Augment with additional native seeds/seedling as needed to diversify site for wildlife forage and cover. Eventually burn rotationally to maintain barrens dynamic. Remove invasive species mechanically or with herbicide treatment. <u>Specs:</u>  <u>Next Step</u> <u>Treatments:</u>  <u>Acceptable Regen:</u>  <u>Other Comment:</u>  <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>22 61144022-Cut</b>	62.1	4199 - Other Mixed Upland Deciduous	6	51	81-110	Harvest	Clearcut	4131 - Aspen, Oak	Planting Record	No
<u>Prescription</u> Final harvest stand. Leave all white oak. Mark to leave no more than one white pine per acre for seed and vertical structure. Require oak wilt restrictions and drum log specs. <u>Specs:</u>  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u>  <u>Acceptable Regen:</u> Aspen, oak, pine and red maple <u>Other Comment:</u>  <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>20 61144020-Cut</b>	38.5	4199 - Other Mixed Upland Deciduous	6	51	111-140	Harvest	Clearcut	4131 - Aspen, Oak	Planting Record	No
<u>Prescription</u> Final harvest stand. Leave all white oak. Mark to leave no more than one white pine per acre for seed and vertical structure. Require oak wilt restrictions and drum log specs. <u>Specs:</u>  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u>  <u>Acceptable Regen:</u> aspen, oak, pine and red maple <u>Other Comment:</u>  <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
<b>14 61144014-Opening</b>	11.4	3302 - Low Density Conifer Trees	99			Openings Mgmt.	Openings Mgmt.	3303 - Mixed Low Density Trees	Previous Inventory	No
<u>Prescription</u> Selectively remove woody vegetation to barrens equivalent. Important trees to retain would be mature "wolf" trees of oak, pine or cherry, fruiting shrubs, and a scattering of other trees and shrubs. Could plant native shrubs and trees. Should eventually burn to stimulate any existing seed bank and encourage existing native vegetation. Augment with additional native seeds/seedling as needed to diversify site for wildlife forage and cover. Eventually burn rotationally to maintain barrens dynamic. Remove invasive species mechanically or with herbicide treatment. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable Regen:</u> <u>Other Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>11 61144011-Cut</b>	52.1	4131 - Aspen, Oak	6	51	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Final harvest stand. Leave all white oak. Mark to leave no more than one white pine per acre for seed and vertical structure. Include drum log spec. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> Aspen, oak, pine and red maple <u>Other Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>8 61144008-Cut</b>	44.4	42220 - Natural Jack Pine	5	55	1-50	Harvest	Clearcut	4222 - Natural Jack Pine	Planting Record	No
<u>Prescription</u> Final harvest stand. Require post harvest scarification. <u>Specs:</u> <u>Next Step</u> ; Monitoring, Natural Regen (Intermediate) <u>Treatments:</u> <u>Acceptable Regen:</u> Moderately to fully stocked Jack pine, red or white pine, aspen and oaks, cherry and red maple. <u>Other Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										

**Approved Treatments:**

<b>21 61144021-Plant</b>	57.0	4211 - Planted Red Pine	0	0	Immature	Planting		4211 - Planted Red Pine	Planting Record	No
<u>Prescription</u> plant to red pine after site trenched <u>Specs:</u> <u>Next Step</u> ; ; ; Monitoring, Artificial Regen; ; Monitoring, Artificial Regen (3yr) <u>Treatments:</u> <u>Acceptable Regen:</u> red pine mixed with a little oak, maple and aspen is ok. <u>Other Comment:</u> Percent to Treat = 100%										

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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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Site Condition:

Proposed Start Date: 10/01/2024

Total Treatment Acreage Proposed: **379.3**





Availability for Management

Total Acres    Acres Available    Acres With Condition    Acres Not Available

Dominant Site Conditions  
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	Dominant Site 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	Unspecified
Comments:								
2	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Long Term Retention from Stand 27 re-plant								
3	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Retention from timber sale on stand 25								

## Report 4 – Site Conditions



4	Unavailable	5E: Long-Term Retention	5	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



Mgt. Unit

Compartment: #Type!

Year of Entry:

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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																	
1	42260 - Natural Pine, Mixed Deciduous	Sapling Well	37.0	26	Immature	N/A	Stand was cut under Leatherman Pine contract. There are a few pockets of mature red pine and oak																																	
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>50</td><td>Pole</td><td>4</td><td>26</td></tr><tr><td>Bigtooth Aspen</td><td>25</td><td>Pole</td><td>4</td><td>27</td></tr><tr><td>White Oak</td><td>5</td><td>Log</td><td>3</td><td></td></tr><tr><td>Red Oak</td><td>10</td><td></td><td>4</td><td>27</td></tr><tr><td>Red Pine</td><td>10</td><td></td><td>4</td><td>25</td></tr></table>						Canopy Species		% Cover	Size Class	DBH	Age	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				
Canopy Species	% Cover	Size Class	DBH	Age																																				
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	6225 - Bog	Unspecified	10.3			No																																		
<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Jack Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>						Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	Low	Variable	Variable																											
Sub-Canopy Species	Density	Avg. Height	Size																																					
Jack Pine	Low	Variable	Variable																																					
3	310 - Herbaceous Openland	Unspecified	2.1			No																																		
4	42220 - Natural Jack Pine	Sapling Poor	9.0	16	Immature	N/A	Stand was harvested in 2009 under the Scattered Pine Contract. Retention was left on the east side.																																	
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>100</td><td>Log</td><td>1</td><td>16</td></tr></table>						Canopy Species		% Cover	Size Class	DBH	Age	Jack Pine	100	Log	1	16																								
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Jack Pine	100	Log	1	16																																				
5	42290 - Natural Mixed Pine	Poletimber Well	7.7	64	111-140	N/A																																		
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>5</td><td>Sapling</td><td>6</td><td>51</td></tr><tr><td>Red Oak</td><td>10</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Red Pine</td><td>25</td><td></td><td>8</td><td></td></tr><tr><td>Red Maple</td><td>5</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>White Pine</td><td>45</td><td></td><td>8</td><td>64</td></tr><tr><td>Jack Pine</td><td>10</td><td>Seedling</td><td>6</td><td></td></tr></table>						Canopy Species	% Cover	Size Class	DBH	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	
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6	4130 - Aspen	Sapling Well	21.8	13	Immature	N/A	Cut in the summer of 2012. Tremendouse aspen regeneration. Sale #045-11																																	
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Cherry</td><td>5</td><td>Log</td><td>2</td><td></td></tr><tr><td>Red Oak</td><td>10</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>Red Maple</td><td>10</td><td>Log</td><td>1</td><td>13</td></tr><tr><td>Bigtooth Aspen</td><td>25</td><td>Log</td><td>2</td><td></td></tr><tr><td>Quaking Aspen</td><td>50</td><td>Log</td><td>2</td><td>13</td></tr></table>						Canopy Species		% Cover	Size Class	DBH	Age	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				
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8	42220 - Natural Jack Pine	Poletimber Medium	44.4	55	1-50	N/A																																		
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>80</td><td>Seedling</td><td>8</td><td>55</td></tr><tr><td>Black Cherry</td><td>10</td><td></td><td>5</td><td>55</td></tr><tr><td>Quaking Aspen</td><td>10</td><td>Seedling</td><td>6</td><td></td></tr></table>						Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	80	Seedling	8	55	Black Cherry	10		5	55	Quaking Aspen	10	Seedling	6																
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9	4199 - Other Mixed Upland Deciduous	Sapling Well	30.6	86	51-80	N/A	Stand was harvested in 2013 Tremendous aspen regeneration. Sale #045-11. All the oak was left which has shaded out some aspen.																																															
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10	4130 - Aspen	Sawtimber Well	2.4	63	81-110	N/A																																																
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11	4131 - Aspen, Oak	Poletimber Well	85.5	51	81-110	N/A																																																
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12	42220 - Natural Jack Pine	Poletimber Medium	8.5	53	51-80	N/A																																																
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13	42220 - Natural Jack Pine	Poletimber Well	44.3	44	51-80	N/A																																																
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14	3302 - Low Density Conifer Trees	Unspecified	11.4			Yes																																																
15	330 - Low-Density Trees	Unspecified	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???																																															



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																															
16	330 - Low-Density Trees	Unspecifed	7.4			No	Scattered black cherry w.pine- juneberry, oak and red maple.																																																															
17	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	8.5	97	81-110	N/A	Stand was thinned under the Scattered Pine contract in 2009.																																																															
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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.																																																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>2</td><td></td><td>9</td><td></td></tr><tr><td>White Oak</td><td>5</td><td></td><td>12</td><td></td></tr><tr><td>Red Maple</td><td>20</td><td>Log</td><td>2</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>63</td><td>Log</td><td>2</td><td>6</td></tr><tr><td>Red Oak</td><td>10</td><td>Log</td><td>2</td><td>6</td></tr></table>								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																																	
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19	42220 - Natural Jack Pine	Poletimber Well	82.1	51	51-80	N/A																																																																
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20	4199 - Other Mixed Upland Deciduous	Poletimber Well	192.0	51	111-140	N/A																																																																
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21	4211 - Planted Red Pine	Unspecified	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.																																																															

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																
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23	42260 - Natural Pine, Mixed Deciduous	Poletimber Medium	16.1	45	51-80	N/A	Sparse open grown stand filling in with white oak																																																
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White Oak	5	Log	1	3																																																			
25	4199 - Other Mixed Upland Deciduous	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 marked to remain for seed.																																																
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>35</td><td>Log</td><td>1</td><td>3</td></tr><tr><td>Bigtooth Aspen</td><td>30</td><td>Log</td><td>1</td><td>3</td></tr><tr><td>Red Oak</td><td>25</td><td>Log</td><td>1</td><td>3</td></tr><tr><td>White Oak</td><td>10</td><td>Log</td><td>1</td><td>3</td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	35	Log	1	3	Bigtooth Aspen	30	Log	1	3	Red Oak	25	Log	1	3	White Oak	10	Log	1	3	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>			Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Medium	10 - 20 feet	10 - 20 feet																	
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26	42260 - Natural Pine, Mixed Deciduous	Poletimber Well	40.9	56	81-110	N/A	Red and white pine with pockets of aspen- oak																																																
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>10</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>10</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Red Pine</td><td>30</td><td></td><td>8</td><td>56</td></tr><tr><td>White Pine</td><td>30</td><td></td><td>8</td><td>56</td></tr><tr><td>Red Oak</td><td>20</td><td>Seedling</td><td>8</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	10	Seedling	6		Bigtooth Aspen	10	Seedling	8		Red Pine	30		8	56	White Pine	30		8	56	Red Oak	20	Seedling	8		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>			Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	5 - 10 feet	5 - 10 feet												
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
27	42110 - Planted Red Pine	Sapling Well	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 750 Trees per acre and stand currently 83% free to grow at this time.  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.																																															
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28	122 - Road/Parking Lot	Unspecified	24.3			No	OPIC - FMD: Fletcher Rd.																																															
29	3303 - Mixed Low Density Trees	Unspecified	29.2			No	Scattered white pine and cherry																																															
30	4199 - Other Mixed Upland Deciduous	Poletimber Well	3.6	51	111-140	N/A	<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>3</td><td></td><td>8</td><td></td></tr><tr><td>Red Maple</td><td>30</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>35</td><td>Seedling</td><td>8</td><td>51</td></tr><tr><td>Red Pine</td><td>2</td><td></td><td>8</td><td></td></tr><tr><td>Red Oak</td><td>25</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>White Oak</td><td>5</td><td>Sapling</td><td>6</td><td></td></tr></table> <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>White Pine</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>	Canopy Species	% Cover	Size Class	DBH	Age	White Pine	3		8		Red Maple	30	Sapling	6		Bigtooth Aspen	35	Seedling	8	51	Red Pine	2		8		Red Oak	25	Seedling	8		White Oak	5	Sapling	6		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	10 - 20 feet	10 - 20 feet	White Pine	Low	5 - 10 feet	5 - 10 feet
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31	4122 - Oak, Pine	Sapling Well	17.3	16	Immature	N/A	Stand was harvested in 2009 under the Scattered Pine contract. Green tree marked residual trees were left everything which met utilization spec 2.2 was cut.																																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Bigtooth Aspen</td><td>10</td><td>Log</td><td>3</td><td>16</td></tr><tr><td>White Pine</td><td>5</td><td>Log</td><td>3</td><td></td></tr><tr><td>Jack Pine</td><td>25</td><td></td><td>2</td><td>16</td></tr><tr><td>White Oak</td><td>40</td><td>Pole</td><td>2</td><td>16</td></tr><tr><td>Red Oak</td><td>20</td><td></td><td>2</td><td>16</td></tr></table>						Canopy Species		% Cover	Size Class	DBH	Age	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																		
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Red Oak	20		2	16																																																		
32	4124 - Red with White Oak	Poletimber Well	100.1	52	81-110	N/A	<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Oak</td><td>20</td><td>Seedling</td><td>6</td><td>52</td></tr><tr><td>Red Maple</td><td>20</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>15</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Red Oak</td><td>40</td><td>Seedling</td><td>6</td><td>52</td></tr><tr><td>White Pine</td><td>5</td><td>Seedling</td><td>8</td><td></td></tr></table> <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Serviceberry (Juneberry)</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Maple</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>	Canopy Species	% Cover	Size Class	DBH	Age	White Oak	20	Seedling	6	52	Red Maple	20	Seedling	6		Bigtooth Aspen	15	Seedling	8		Red Oak	40	Seedling	6	52	White Pine	5	Seedling	8		Sub-Canopy Species	Density	Avg. Height	Size	Serviceberry (Juneberry)	Low	5 - 10 feet	5 - 10 feet	Red Maple	Low	5 - 10 feet	5 - 10 feet					
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33	4130 - Aspen	Sapling Well	3.4	6	Immature	N/A	Stand was final harvested in 2018.																																								
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34	4133 - Aspen, Mixed Pine	Poletimber Medium	16.0	51	1-50	N/A																																									
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35	42220 - Natural Jack Pine	Poletimber Medium	5.3	69	51-80	N/A	retention for stand 21																																								
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37	4130 - Aspen	Sapling Well	19.7	27	Immature	N/A																																									
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39	330 - Low-Density Trees	Unspecified	6.1			No	Mostly open, scattered jack  OPIC - FMD: Old FIRE AREA																																								

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																											
40	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	28.8	52	111-140	N/A																																												
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42	4130 - Aspen	Poletimber Well	119.0	51	111-140	N/A																																												
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43	4130 - Aspen	Poletimber Well	22.4	51	111-140	N/A																																												
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44	4133 - Aspen, Mixed Pine	Poletimber Well	17.9	51	81-110	N/A																																												
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
46	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	22.1	75	111-140	N/A																																																				
		<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>5</td><td>Seedling</td><td>8</td><td>75</td></tr><tr><td>Red Pine</td><td>25</td><td></td><td>12</td><td>85</td></tr><tr><td>Red Maple</td><td>5</td><td>Seedling</td><td>8</td><td>75</td></tr><tr><td>Bigtooth Aspen</td><td>10</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>White Oak</td><td>10</td><td>Seedling</td><td>8</td><td>75</td></tr><tr><td>Red Oak</td><td>45</td><td></td><td>8</td><td>75</td></tr></table>	Canopy Species	% Cover	Size Class	DBH	Age	White Pine	5	Seedling	8	75	Red Pine	25		12	85	Red Maple	5	Seedling	8	75	Bigtooth Aspen	10	Seedling	8		White Oak	10	Seedling	8	75	Red Oak	45		8	75			<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>White Pine</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>	Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	5 - 10 feet	5 - 10 feet	White Pine	Medium	10 - 20 feet	10 - 20 feet						
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49	110 - Low Intensity Urban	Poletimber Medium	16.7				pipe line																																																			
50	320 - Upland Shrub	Unspecified	5.4			No	scattered cherry brush for the most part, few trees here and there																																																			
51	4131 - Aspen, Oak	Poletimber Well	30.4	54	51-80	N/A																																																				
		<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Oak</td><td>20</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Jack Pine</td><td>5</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Black Cherry</td><td>10</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Quaking Aspen</td><td>35</td><td>Seedling</td><td>8</td><td>54</td></tr><tr><td>Red Maple</td><td>15</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>15</td><td>Seedling</td><td>8</td><td>54</td></tr></table>	Canopy Species	% Cover	Size Class	DBH	Age	Red Oak	20	Seedling	6		Jack Pine	5	Seedling	6		Black Cherry	10	Seedling	6		Quaking Aspen	35	Seedling	8	54	Red Maple	15	Seedling	6		Bigtooth Aspen	15	Seedling	8	54			<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Black Cherry</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Oak</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>	Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	5 - 10 feet	5 - 10 feet	Black Cherry	Low	5 - 10 feet	5 - 10 feet	Red Oak	Low	5 - 10 feet	5 - 10 feet		
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52	3302 - Low Density Conifer Trees	Poletimber Medium	10.2			No	OPIC - FMD: SCATTERED JACK PINE & ASPEN WITHIN U TYPE																																																			
53	4130 - Aspen	Sapling Well	42.0	6	Immature	N/A	Stand was final harvested in 2019.																																																			
		<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>3</td><td></td><td>10</td><td></td></tr><tr><td>Jack Pine</td><td>3</td><td>Log</td><td>1</td><td></td></tr><tr><td>Red Maple</td><td>6</td><td>Log</td><td>1</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>80</td><td>Log</td><td>1</td><td>6</td></tr><tr><td>Red Oak</td><td>8</td><td>Log</td><td>1</td><td></td></tr></table>	Canopy Species	% Cover	Size Class	DBH	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																											
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Red Maple	6	Log	1																																																							
Bigtooth Aspen	80	Log	1	6																																																						
Red Oak	8	Log	1																																																							
54	4131 - Aspen, Oak	Sapling Well	28.4	6	Immature	N/A	Stand was final harvested in 2018																																																			
		<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Oak</td><td>5</td><td>Sapling</td><td>6</td><td>51</td></tr><tr><td>White Pine</td><td>5</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>Jack Pine</td><td>5</td><td>Log</td><td>1</td><td></td></tr><tr><td>Red Oak</td><td>15</td><td>Log</td><td>1</td><td></td></tr><tr><td>Red Maple</td><td>15</td><td>Log</td><td>1</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>55</td><td>Log</td><td>1</td><td>6</td></tr></table>	Canopy Species	% Cover	Size Class	DBH	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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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
55	4130 - Aspen	Poletimber Well	0.9	51	81-110	N/A	Retention for stand 33. Sale was closed and updated by a former employee. Unable to locate the sale in the compartment folder.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Quaking Aspen	98	Seedling	7	51	Jack Pine	Low		5 - 10 feet	5 - 10 feet
Red Pine	2	Sapling	7	51	Red Oak	Low		5 - 10 feet	5 - 10 feet
56	4130 - Aspen	Sapling Well	67.5	3	Immature	N/A	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 - Natural Mixed Pine	Poletimber Well	4.0	72	111-140	N/A	Mixed conifer stand, some is pretty small yet but most is pole sized, not very good quality.OPIC - FMD: MIXED STAND OF RED,JACK & WHITE PINE.		
Canopy Species	% Cover	Size Class	DBH	Age					
Red Pine	40		8	72					
Red Maple	5	Sapling	6						
White Pine	30		8	72					
Jack Pine	20	Seedling	6						
Quaking Aspen	5	Seedling	6						
58	4199 - Other Mixed Upland Deciduous	Poletimber Well	2.6	95	111-140	N/A	Retention from Buck44 West timber sale		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Red Pine	5		12		White 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 - Aspen, Oak	Poletimber Well	63.2	51	111-140	N/A			
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
White Oak	5	Seedling	6		Serviceberry (Juneberry)	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						

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
64	4199 - Other Mixed Upland Deciduous	Poletimber Well	1.5	95	111-140	N/A	retention from Buck44 west sale for stand 25		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine		5		10	95	White 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 Well	53.2	14	Immature	N/A	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 - Aspen, Oak	Sapling Well	51.0	13	Immature	N/A			
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 Intensity Urban	Unspecifed	4.8				large well pad, knapweed and dirt		