



Compartment Review Presentation

Grayling Forest Management Unit

Compartment 72261

Entry Year 2025

Acreage: 1,910

County Crawford

Management Area: Camp Grayling

Stand Examiner: Dakota Ewald

Legal Description:

T27N, R02W Sections 13, 14 and 15.

Identified Planning Goals:

To provide an area that allows for National Guard training while maintaining forest health, productivity, sustainability, species diversification, and structural diversity throughout the compartment. There is a cooperative agreement between the MDNR and DMA (Habitat Management Plan for the Range 30 Complex) which was established 1986 and is currently being reviewed. There is also the North Camp Grayling Pine Barrens Management Plan. This project represents a cooperative effort between the MDA, MDNR & MNFI to restore a globally and locally rare, pine barrens ecosystem to North Camp Grayling.

Soil and topography:

The topography of this compartment is flat with some rolling terrain in the east and west ends. The soils consist of Grayling and Rubicon Sands.

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

The compartment consists of three section that are entirely state owned and are under the 1935 long-term lease agreement

L-1479 (Act 154 P.A. 1935) with the Michigan National Guard, Department of Military Affairs. The agreement provides for use by the military during their encampment, with no permanent buildings or improvements to be erected. Military needs take precedence over resource management needs on long-term lease lands. The DNR will coordinate all prescribed activities with the National Guard to ensure they are compatible with military training needs.

Unique Natural Features:

There is the potential for rare dry prairie plants and insects to occur in upland grassy openings and pine barrens.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

The compartment is part of the cooperative agreement between the MDNR and DMA (Habitat Management Plan for the Range 30 Complex) and the North Camp Grayling Pine Barrens Management Plan.

Watershed and Fisheries Considerations:

None at this time

Wildlife Habitat Considerations:

The compartment's wide range of cover types – ranging from mixed pine, aspen and oak, upland brush and super-canopy stature pine -- provide habitat for a variety of game and non-game wildlife species.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of ice-contact glacial outwash sand and gravel. The glacial drift thickness varies between 400 and 600 feet. Beneath the glacial drift are the Marshall Sandstone and Coldwater Shale. The Marshall was used as a building stone in the past. The nearest gravel pit is on Bald Hill and potential appears to be good on the upland areas. There has been no drilling and there are no oil and gas leases in this compartment. The closest production is the Conner's Marsh Field five miles to the east. The field produces gas from the Ordovician Prairie du Chien.

Vehicle Access:

Bucks East and West Truck Trail borders the north side of the compartment. North Wakely Bridge Road runs north and south between section 15 and 14 and Bald Hill Road runs through the east half of section 13. The rest of the compartment is surrounded by two tracks or a tank trails. However, there are very few two-tracks that extend into the center of each section. No existing roads need to be closed at this time. All new roads created through management activities are to be closed upon completion.

Survey Needs:

None at this time

Recreational Facilities and Opportunities:

There are no designated trails or facilities located with the compartment. Hunting is the main form of dispersed use.

Fire Protection:

County roads and open two-tracks provide good access to the compartment's dry upland types and in addition there is an existing fuel break along the north side of the compartment. Kyle lake is a good water point.

Additional Compartment Information:**The following reports from the Inventory are attached:**

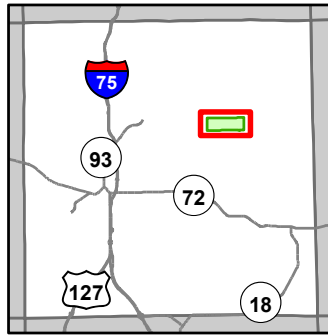
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

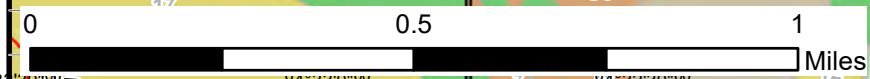
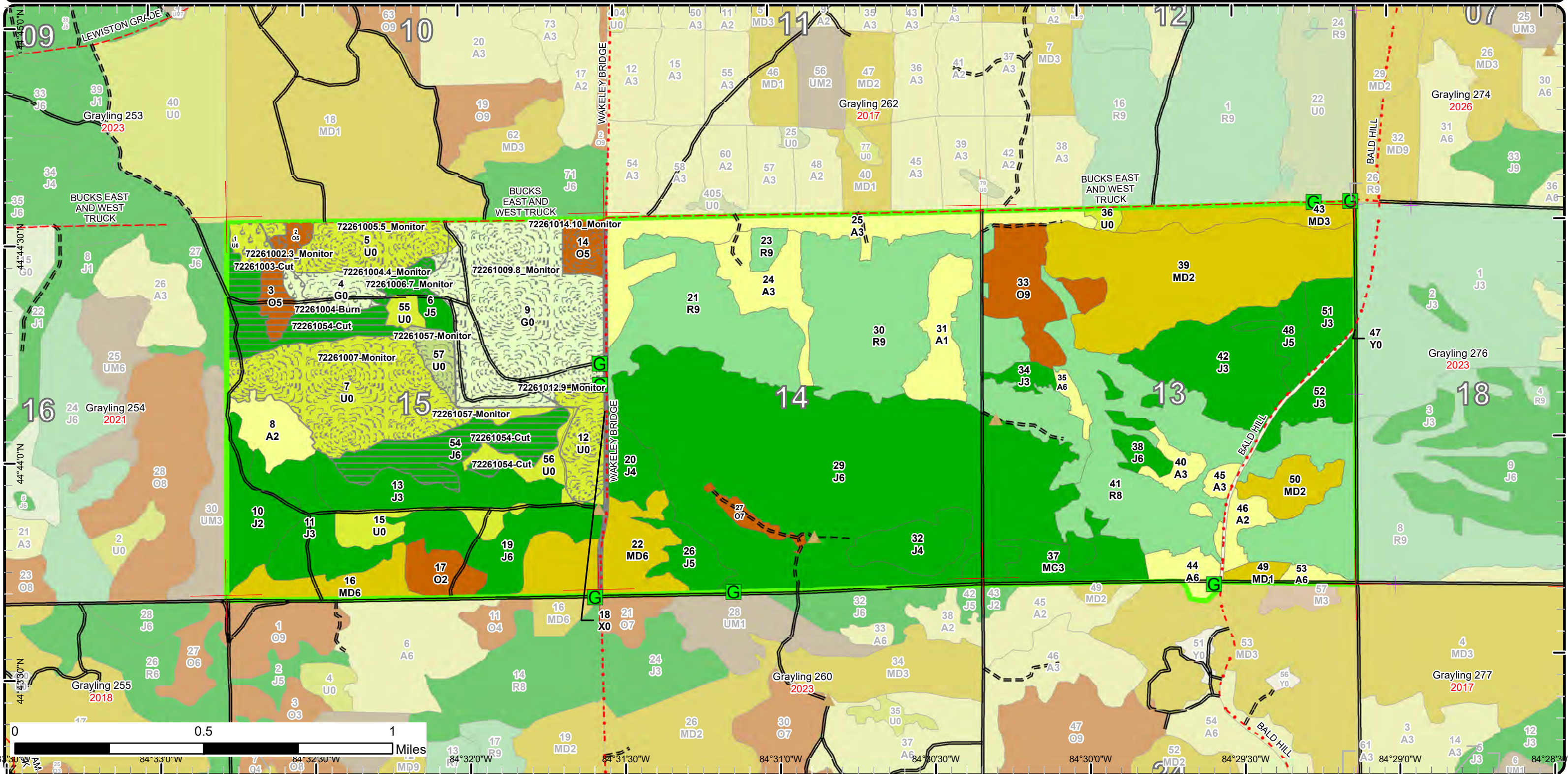
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 261
 T27N R02W 13-15
 County: Crawford
 Unit: Grayling
 Mgmt Area: Camp Grayling
 YOE: 2025
 Acres: 1909.8 GIS Calculated
 Examiner: Dakota Ewald
 Map Revised: 11/28/2023
 Map Phase: Post-Maps



- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- · - County - Gravel Road
- · - · - County - Dirt Road (Seasonal)
- ▲ Berms
- G Gate
- Compartment Boundary
- Clearcut (w/Reserves)
- Prescribed Burn
- Monitoring
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 710 - Sand/Soil

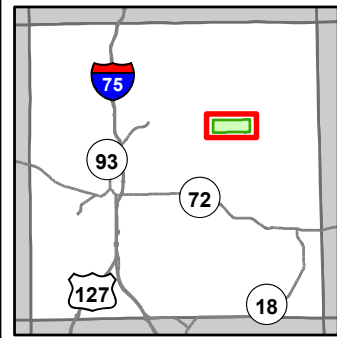


0 0.5 1 Miles

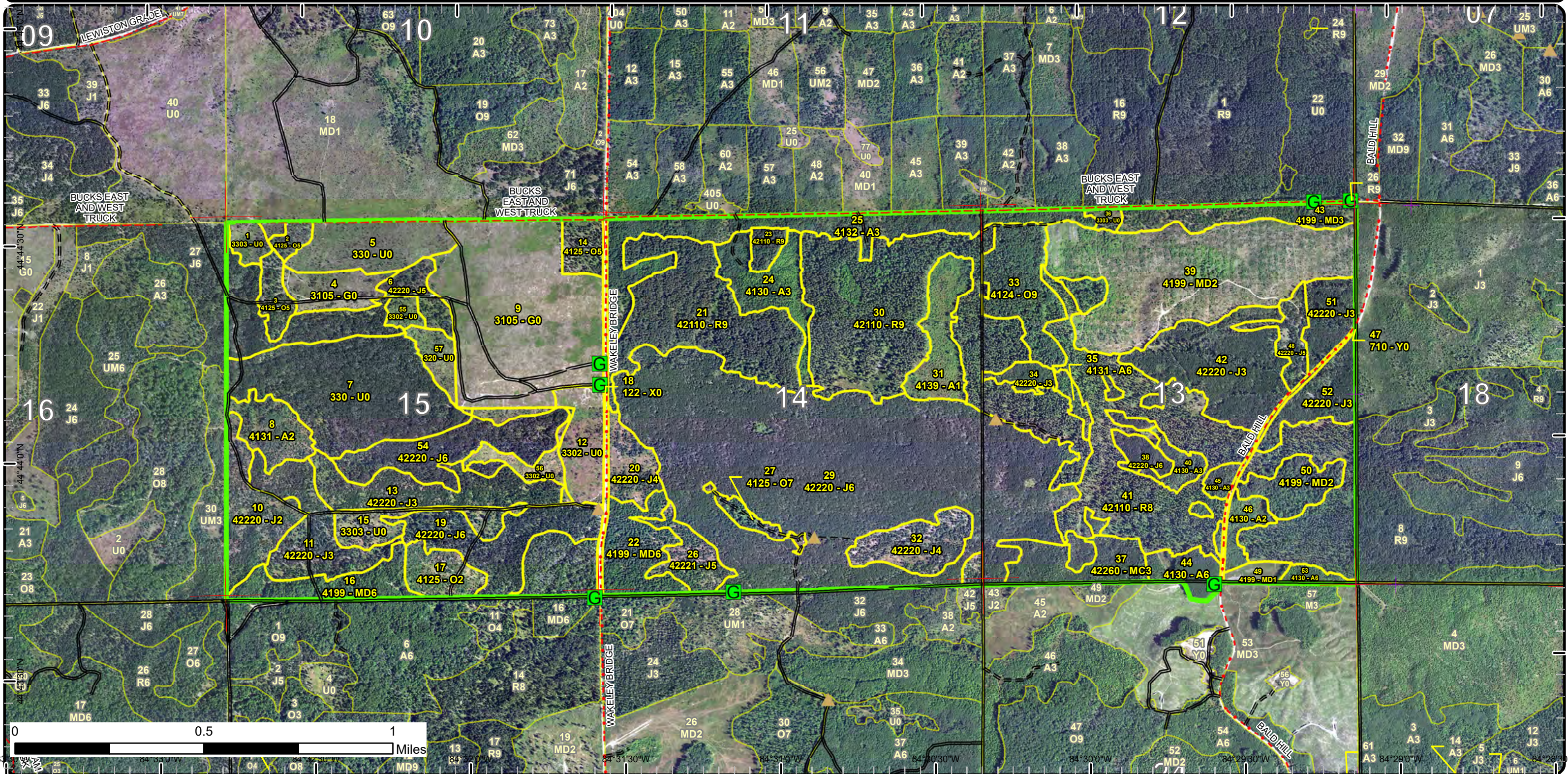
84°33'30"W 84°33'0"W 84°32'30"W 84°32'0"W 84°31'30"W 84°31'0"W 84°30'30"W 84°30'0"W 84°29'30"W 84°29'0"W

Stand Boundary Map

Compartment: 261
 T27N R02W 13-15
 County: Crawford
 Unit: Grayling
 Mgmt Area: Camp Grayling
 YOE: 2025
 Acres: 1909.8 GIS Calculated
 Examiner: Dakota Ewald
 Map Revised: 11/28/2023
 Map Phase: Post-Maps

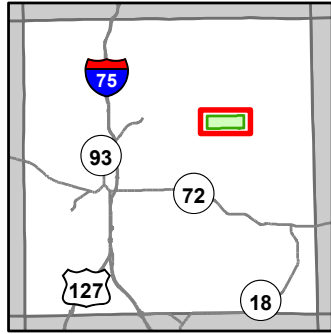


- Miris Corners
- Remonumented Section Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Berms
- Gate
- Compartment Boundary
- Stand Boundaries
- 421 - Planted Pines
- 422 - Natural Pines
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 710 - Sand/Soil
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous

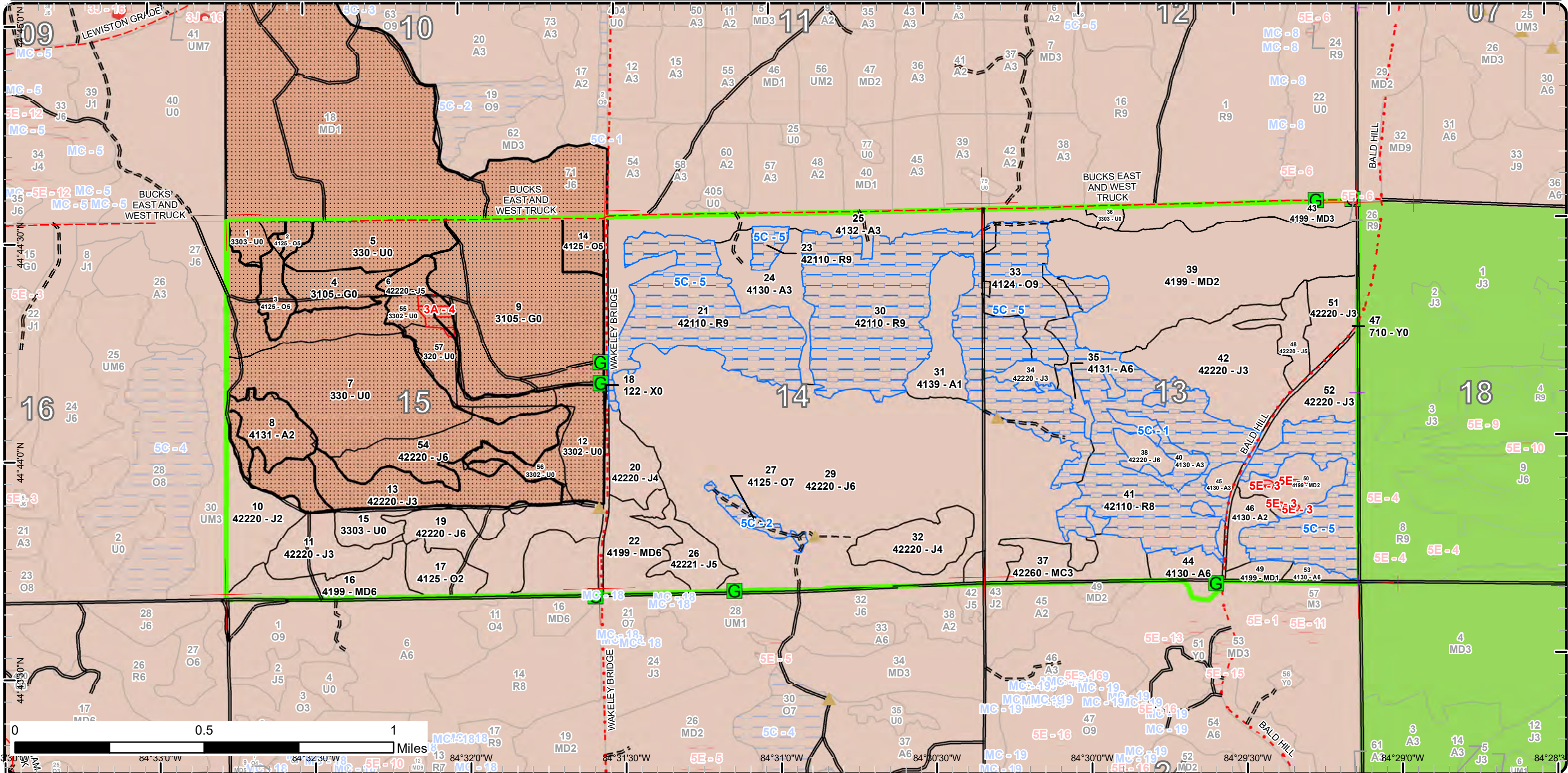


Special Conservation Areas

Compartment: 261
 T27N R02W 13-15
 County: Crawford
 Unit: Grayling
 Mgmt Area: Camp Grayling
 YOE: 2025
 Acres: 1909.8 GIS Calculated
 Examiner: Dakota Ewald
 Map Revised: 11/28/2023
 Map Phase: Post-Maps



- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- · - County - Gravel Road
- - - County - Dirt Road (Seasonal)
- ▲ Berms
- G Gate
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 3A: Conservation Values incompatible with harvest at this time
- 5E: Long-Term Retention
- Stand Boundaries
- SCA
- Kirtland Warbler Habitat
- Research, Development, and Military Lands
- Other Habitat Area



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	Total
Aspen	0	0	43	35	74	16	0	0	0	0	0	0	0	0	0	0	0	0	168
Herbaceous Openland	133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	133
Jack Pine	0	0	0	29	71	151	378	70	11	0	0	0	0	0	0	0	0	0	710
Low-Density Trees	179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	179
Mixed Upland Deciduous	0	5	135	0	23	69	0	0	0	0	0	0	0	0	0	0	0	0	231
Natural Mixed Pines	0	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0	0	0	23
Oak	0	0	15	0	10	0	0	14	0	38	0	6	0	0	0	0	0	0	83
Red Pine	0	0	0	0	0	0	0	0	0	0	360	0	0	0	0	0	0	0	360
Sand, Soil	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Upland Shrub	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Urban	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Total	334	5	193	64	201	236	378	84	11	38	360	6	0	0	0	0	0	0	1909



Report 2 – Treatment Summary

Grayling Mgt. Unit

Year of Entry: 2025

Acres of Harvest

Compartment 261

Total Compartment Acres: 1,910

Commercial Harvest - 80
 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	Overshoot Removal	Salvage	Other	Total Acres
Jack Pine	70	0	0	0	0	0	0	0	0	70
Oak	10	0	0	0	0	0	0	0	0	10
Total	80	0	0	0	0	0	0	0	0	80

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	80	0	0	0	13	0	292	0	0	384
Next Step	0	0	0	0	10	0	92	0	0	102
Total	80	0	0	0	22	0	384	0	0	486



S t 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
-----------------------	----------------	-------	-----------------	--------------	-----------	----------	----------------	------------------	----------------------	---------------	-------------

Approved Treatments:

1	72261001-Burn	6.1	3303 - Mixed Low Density Trees	Nonstocked		Immature	Burn	Opening	3302 - Low Density Conifer Trees		No
<p><u>Prescription</u> Burn as per Camp Grayling Pine Barrens Plan. <u>Specs:</u> <u>Next Step</u> Monitoring, Prescribed Burn <u>Treatments:</u> <u>Acceptable</u> Pine Barrens Management <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2024</p>											
2	72261002.1_Monitor	0.8	4125 - Black, N. Pin Oak	Poletimber Medium	60	51-80	Monitoring	Other - Specify	3301 - Low Density Deciduous Trees		No
<p><u>Prescription</u> periodically monitor to determine when another burn is needed per the Military's North Camp Grayling Pine Barrens Mngmt Plan <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Pine Barrens natural community <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 4 /10/2017</p>											
2	72261002.3_Monitor	3.8	4125 - Black, N. Pin Oak	Poletimber Medium	60	51-80	Monitoring	Other - Specify	3301 - Low Density Deciduous Trees		No
<p><u>Prescription</u> periodically monitor to determine when another burn is needed per the Military's North Camp Grayling Pine Barrens Mngmt Plan <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Pine Barrens natural community <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 4 /10/2017</p>											



S
t
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
3 72261003-Cut	9.6	4125 - Black, N. Pin Oak	Poetimber Medium	60	51-80	Harvest	Clearcut	3301 - Low Density Deciduous Trees		No
<p><u>Prescription</u> Clearcut with no retention due to size. Harvest all stems greater than 2". Add Military specs. Follow up with burn as per Camp Grayling Pine Barrens Plan.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Burn, Opening; Monitoring, Prescribed Burn</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Part of pine barrens management.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
4 72261004.4_Monitor	10.0	3105 - Mixed Upland Herbaceous	Nonstocked			Monitoring	Other - Specify	3302 - Low Density Conifer Trees		No
<p><u>Prescription</u> periodically monitor to determine when another burn is needed per the Military's North Camp Grayling Pine Barrens Mngmt Plan</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Pine Barrens natural community</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 4 /10/2017</p>										
4 72261004-Burn	6.4	3105 - Mixed Upland Herbaceous	Nonstocked			Burn	Opening	3302 - Low Density Conifer Trees		No
<p><u>Prescription</u> Burn as per Camp Grayling Pine Barrens Plan.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Prescribed Burn</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Pine barrens management</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										



S
t
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
5 72261005.5_M onitor	31.9	330 - Low-Density Trees	Nonstocked	2022		Monitoring	Other - Specify	3301 - Low Density Deciduous Trees		No
<p><u>Prescription</u> periodically monitor to determine when another burn is needed per the Military's North Camp Grayling Pine Barrens Mngmt Plan</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Pine Barrens natural community</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 4 /10/2017</p>										
5 72261005.6_M onitor	1.5	330 - Low-Density Trees	Nonstocked	2022		Monitoring	Other - Specify	3302 - Low Density Conifer Trees		No
<p><u>Prescription</u> monitor burn effectiveness and need for re-entry (refer to the MNFI plan developed for the North Camp Grayling Pine Barrens)</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Pine Barrens natural community</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2017</p>										
6 72261006.7_M onitor	6.2	42220 - Natural Jack Pine	Poetimber Medium	70	51-80	Monitoring	Other - Specify	3302 - Low Density Conifer Trees		No
<p><u>Prescription</u> periodically monitor to determine when another burn is needed per the Military's North Camp Grayling Pine Barrens Mngmt Plan</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Follow the Pine barrens management plan.</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/27/2016</p>										



S
t
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
7 72261007-Monitor	82.4	330 - Low-Density Trees	Nonstocked	0	Immature	Monitoring	Prescribed Burn	3302 - Low Density Conifer Trees		No
<p><u>Prescription</u> Monitor to determine if a burn is needed to follow the North Camp Grayling Pine Barrens management plan, with the possibility of incorporating this stand into the existing burn area in the adjacent stand 9. This stand could prove difficult to burn at the current time due to the existing dead standing trees that resulted from the Miller DZ wildfire in 2021. Burn may need to be held until conditions are more favorable.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Low density of open grown and clustered Jack Pine, that resembles the structure of a pine barrens.</p> <p><u>Regen:</u></p> <p><u>Other</u> Stand was burned during 2021 Miller DZ wildfire.</p> <p><u>Comment:</u> Stand is on long-term military leased land.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
9 72261009.8_Monitor	115.8	3105 - Mixed Upland Herbaceous	Nonstocked			Monitoring	Other - Specify	3302 - Low Density Conifer Trees		No
<p><u>Prescription</u> periodically monitor to determine when another burn is needed per the Military's North Camp Grayling Pine Barrens Mngmt Plan</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Pine Barrens natural community</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 4 /10/2017</p>										
12 72261012.9_Monitor	20.0	3302 - Low Density Conifer Trees	Nonstocked			Monitoring	Other - Specify	3302 - Low Density Conifer Trees		No
<p><u>Prescription</u> periodically monitor to determine when another burn is needed per the Military's North Camp Grayling Pine Barrens Mngmt Plan</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Pine Barrens natural community</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 4 /10/2017</p>										



S
t
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
14 72261014.10_Monitor	10.2	4125 - Black, N. Pin Oak	Poletimber Medium	35	51-80	Monitoring	Other - Specify	3302 - Low Density Conifer Trees		No
<p><u>Prescription</u> periodically monitor to determine when another burn is needed per the Military's North Camp Grayling Pine Barrens Mngmt Plan</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Pine Barrens natural community</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 4 /10/2017</p>										
54 72261054-Cut	70.2	42220 - Natural Jack Pine	Poletimber Well	60	81-110	Harvest	Clearcut	4222 - Natural Jack Pine	Even-Aged	No
<p><u>Prescription</u> Clearcut with no retention. Remove all stems 2" and up. Add military specs.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Low density of natural Jack Pine regen with stand structure that resembles a pine barrens.</p> <p><u>Regen:</u></p> <p><u>Other</u> Refer to North Camp Grayling Pine Barrens management plan for more details on desired structure and successive burn treatments.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
57 72261057-Monitor	9.1	320 - Upland Shrub	Nonstocked			Monitoring	Prescribed Burn	3302 - Low Density Conifer Trees		No
<p><u>Prescription</u> Monitor to determine if a burn is needed to follow the North Camp Grayling Pine Barrens management plan, with the possibility of incorporating this stand into the existing burn area in the adjacent stand 9.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Low density of open grown and clustered Jack pine that resembles the structure of a pine barrens.</p> <p><u>Regen:</u></p> <p><u>Other</u> Stand was burned during 2021 Miller DZ wildfire.</p> <p><u>Comment:</u> Stand is on long-term military leased land.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										

Total Treatment 384
Acreage Proposed:

Report 4 – Site Conditions

Grayling Mgt. Unit
Dakota Ewald : Examiner

Compartment: 261
Year of Entry: 2025

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions		
		With Condition	Not Available		5C	3A	5E
168	160	7	0	Aspen	7		
133	133	0	0	Herbaceous Openland			
709	705	0	5	Jack Pine	0	5	
180	180	0	0	Low-Density Trees			
232	231	0	1	Mixed Upland Deciduous			1
23	23	0	0	Natural Mixed Pines			
84	39	44	0	Oak	44		
360	0	360	0	Red Pine	360		
4	4	0	0	Sand, Soil			
9	9	0	0	Upland Shrub			
8	8	0	0	Urban			
1,910	1,492	412	5	Total Forested Acres	412	5	1
	78%	22%	0%	Relative Percent			

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Delay treatment to allow the stand to put on growth. Most of the stand is just coming into the low end of the pole size class.							
2	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Leave stand for structural diversity.							

Report 4 – Site Conditions

Grayling Mgt. Unit
Dakota Ewald : Examiner

Compartment: 261
Year of Entry: 2025

3	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	3A: Conservation Values incompatible with harvest at this time	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Hold for structural diversity within the North Camp Grayling Pine Barrens Management area.							
5	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	398	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Hold stand for next entry cycle.							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
----------	--------------	-------------	----------------	-------

Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

ERA = Ecological Reference Area
HCVA = High Conservation Value Area
SCA = Special Conservation Area

Conservation Area	Type	Description
SCA	Research and Military Areas	These areas provide facilities and lands specifically dedicated for research, or other purposes. They include the 5,847 acre Forest Fire Experiment Station, the 12,000 acre Houghton Lake Wildlife Research Area, the Beaver Islands Archipelago Wildlife Research Area (that includes most of Garden Island, all of High and Hog Islands, all state owned land on Beaver, South Fox and North Fox Islands), the Cusino Wildlife Research Area, the 3,000 acre Hunt Creek Fisheries Research Station, the 125 acre Wyman Nursery, and over 144,000 acres of Military Lands.
HCVA	Designated Critical Habitat	Critical habitat areas are established via a consultative and cooperative process between the DNR and the U.S. Fish and Wildlife service for the recovery of threatened and endangered species, as governed by Part 365, Endangered Species Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, and the Federal Endangered Species Act of 1973. This is an active program, with proposed species plans in various stages of review. As of now only two exist, Kirtland Warbler Habitat and Piping Plover Habitat.
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																		
1	3303 - Mixed Low Density Trees	Nonstocked	6.1		Immature	No	Mostly open stand with pockets of Oak and Jack Pine saplings and small pole sized trees scattered throughout. Terrain in the stand is bowl shaped with the low point in the center resembling a frost pocket/pine barrens. Old Comment: Stand swapped from Forested to Non-Forested. Std final harvested in 2008. Kind of a frost pocket. Some Oak and Jack pine seedling and small saplings around perimeter mostly. Std is under long term military lease. Needs more time to regenerate.																																		
2	4125 - Black, N. Pin Oak	Poletimber Medium	4.6	60	51-80	N/A	Stand was burned in Spring 2022 as a part of the Military's North Camp Grayling Pine Barrens management plan. The burn did pretty well here, killing back most of the competition. Understory is pretty aside from scattered Oak and Jack pine saplings. There is also a good amount of dead fall, some likely killed by burn. Stand is starting to resale a more oak/pine Barrens type structure. Stand will benefit from continued burning. Old Comments: Stand was burned 4-20-2016 (M72-799) as part of the Military's North Camp Grayling Pine Barrens management area. Small poor quality Oak stand(pole/log). Stand under long term military lease and the northside borders Bucks East/West seasonal Rd. SI=46. Some scattered Jack pine and BT aspen throughout stand. Stand located on ridge and slopes.																																		
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>9</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>White Oak</td> <td>5</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Northern Pin Oak</td> <td>81</td> <td>Pole/Sap/Log</td> <td>8</td> <td>60</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Jack Pine	9	Pole	6		Bigtooth Aspen	5	Pole	7		White Oak	5	Pole/Log	9		Northern Pin Oak	81	Pole/Sap/Log	8	60	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Oak (spp.)</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Oak (spp.)	Low	Variable	Sapling	Jack Pine	Low	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																					
Jack Pine	9	Pole	6																																						
Bigtooth Aspen	5	Pole	7																																						
White Oak	5	Pole/Log	9																																						
Northern Pin Oak	81	Pole/Sap/Log	8	60																																					
Sub-Canopy Species	Density	Avg. Height	Size																																						
Oak (spp.)	Low	Variable	Sapling																																						
Jack Pine	Low	Variable	Sapling																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>25</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Northern Pin Oak</td> <td>75</td> <td>Pole/Log</td> <td>9</td> <td>60</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	25	Pole	7		Northern Pin Oak	75	Pole/Log	9	60	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Oak (spp.)</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Oak (spp.)	Low	Variable	Sapling	Jack Pine	Low	Variable	Sapling											
Canopy Species	% Cover	Size Class	DBH	Age																																					
Jack Pine	25	Pole	7																																						
Northern Pin Oak	75	Pole/Log	9	60																																					
Sub-Canopy Species	Density	Avg. Height	Size																																						
Oak (spp.)	Low	Variable	Sapling																																						
Jack Pine	Low	Variable	Sapling																																						
3	4125 - Black, N. Pin Oak	Poletimber Medium	9.6	60	51-80	N/A	Predominantly Pin Oak stand with a decent component of Jack pine. BA swings are averaging around 60 to 70. Stand is mostly pole sized, with a mix of oak and Jack pine saplings in the understory. There are also some pockets that are more heavy to Jack pine. Old Comment: Sparse Oak/Jack pine stand located on ridge and slopes. Scattered Oak/Jack pine sapling/seedlings in understory. Stand is under long term military lease and has old signs of military use by tracked vehicles.																																		
4	3105 - Mixed Upland Herbaceous	Nonstocked	16.3			Managed Opening	Stand was burned in Spring 2022 as a part of the North Camp Grayling Pine Barrens management plan. Stand is an open grassy with a small number of Jack pine saplings scattered throughout, with some pockets of higher density. Old Comment: North part of the stand was burned 4-20-2016 (M72-799) as part of the Military's North Camp Grayling Pine Barrens management area.																																		
5	330 - Low-Density Trees	Nonstocked	33.2	2022		Managed Opening	Stand was burned in Spring 2022 to follow the Military's North Camp Grayling Pine Barrens management plan. The stand consists of scattered Oak and Jack pine seedlings and saplings with some condensed pockets. Stand is starting to resemble the desired conditions of a pine barrens. Old Comments: Stand was burned 4-20-2016 (M72-799) as part of the Military's North Camp Grayling Pine Barrens management area. Natural Oak/Jack pine sapling/seedling stand with some scattered BA left after harvest(trees less than 4" left and now 4"). Stand was harvested under contract 720430501, 5 Finger Jack in 2008. Stand is under long term military lease and part of the military's pine barrens plan. Medium stocked natural Jack pine seedlings in understory.																																		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
6	42220 - Natural Jack Pine	Poletimber Medium	11.0	70	51-80	N/A	Pole sized Jack pine stand with some areas being more open than others. BA swings averaged around 60. There is also a decent amount of fire killed trees from the previous rx burns. Old Comments: North half of the stand was burned 4-20-2016 (M72-799) as part of the Military's North Camp Grayling Pine Barrens management area. Natural Jack pine stand (pole/log size) and of different ages within stand. Stand is under long term military lease. Stand is part of block 6 of the Camp Grayling Pine Barrens Management area. Follow the Pine Barrens plan.																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>100</td> <td>Pole/Log</td> <td>9</td> <td>70</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Jack Pine	100	Pole/Log	9	70																																					
Canopy Species	% Cover	Size Class	DBH	Age																																													
Jack Pine	100	Pole/Log	9	70																																													
7	330 - Low-Density Trees	Nonstocked	82.4	0	Immature	Managed Opening	Stand was burned in 2021 during the Miller Drop Zone Wildfire. The fire burned hot through this stand, killing nearly all trees. Most trees are standing dead with some match sticks in areas where the fire burned the hottest. There is also a good amount of deadfall as the trees are starting to fall and tops are snapping off. There are a few scattered clumps of live trees, but these are few and far between. Not much has appeared to grow back yet, but the stand was visited during winter so it is hard to say for certain. Old Comment: Large Jack pine pole stand with some pockets of mixed deciduous trees throughout stand. Example: 4 acre Quaking Aspen stand in the northwest corner (pole size). Stand is under long term military lease and posted as Kirtland warbler habitat under an agreement with military (See Range 30 Complex management plan). Stand is also part of block 6 of the Camp Grayling Pine Barrens Management area healthy. New as well as old military use exists in and in the nearby stand 9. Stand is past the age for KW. No treatment recommended.																																										
<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>Trace</td> <td>>20 feet</td> <td>Pole</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine		Trace	>20 feet	Pole																																							
Sub-Canopy Species	Density	Avg. Height	Size																																														
Jack Pine	Trace	>20 feet	Pole																																														
8	4131 - Aspen, Oak	Sapling Medium	17.8	18	1-50	N/A	Young Oak/Aspen stand that is predominantly sapling sized. There are some scattered pole to log sized Oak that was left when the top was taken off in 2008 (part of Tank Trail Oak Blocks 72-044-01). North half of stand was burned in 2021 during the Miller DZ wildfire. There is a small amount of mortality in the burned area, but not enough change in composition to justify splitting the stand. Stand has rolling terrain throughout. Old Comment: Oak/Aspen regen with scattered Oak pole timber. Approximately 10 to 20 BA of Oak timber was left after harvest in 2008 under contract 720440501. This was in the previous prescription. A couple of pockets exist of more denser Oak within std. Stand is part of block 6 of the Camp Grayling Pine Barrens Management area. Follow the Pine Barrens plan.																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>43</td> <td>Sapling</td> <td>2</td> <td>18</td> </tr> <tr> <td>Northern Pin Oak</td> <td>43</td> <td>Sapling</td> <td>2</td> <td>20</td> </tr> <tr> <td>Jack Pine</td> <td>2</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Northern Pin Oak</td> <td>10</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>2</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	43	Sapling	2	18	Northern Pin Oak	43	Sapling	2	20	Jack Pine	2	Sapling/Pole	3		Northern Pin Oak	10	Pole/Log	8		Red Maple	2	Sapling	2		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Cherry (spp.)</td> <td>Low</td> <td>Variable</td> <td>Tall Shrub</td> </tr> <tr> <td>Oak (spp.)</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Cherry (spp.)	Low	Variable	Tall Shrub	Oak (spp.)	Low	< 5 feet	Seeding			
Canopy Species	% Cover	Size Class	DBH	Age																																													
Quaking Aspen	43	Sapling	2	18																																													
Northern Pin Oak	43	Sapling	2	20																																													
Jack Pine	2	Sapling/Pole	3																																														
Northern Pin Oak	10	Pole/Log	8																																														
Red Maple	2	Sapling	2																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
Cherry (spp.)	Low	Variable	Tall Shrub																																														
Oak (spp.)	Low	< 5 feet	Seeding																																														



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																													
9	3105 - Mixed Upland Herbaceous	Nonstocked	116.5			Managed Opening	Stand is a large grassy opening that contains the Miller Drop zone and receives heavy military use. Stand was burned in Spring 2022 as a part of the Military's North Camp Grayling Pine Barrens management plan. Stand was also expanded some in the SW due to continued Rx burn and the Miller DZ wildfire in 2021. Old Comments: Stand was burned 4-20-2016 (M72-799) as part of the Military's North Camp Grayling Pine Barrens management area. Large upland herbaceous opening. Old military parachute drop zone (Miller DZ). Still used extensively by military for training. Stand is under long term military lease. East side of stand borders N Wakely Bridge Rd and north side Bucks East West. Stand has expanded some since previous inventory. Stand has been recommended for prescribe burn for pine barrens management..																													
								<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Mixed Sedges/Grasses</td> <td>Full</td> <td></td> <td>Non-Wood</td> </tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	Mixed Sedges/Grasses	Full		Non-Wood																				
Sub-Canopy Species	Density	Avg. Height	Size																																	
Mixed Sedges/Grasses	Full		Non-Wood																																	
10	42220 - Natural Jack Pine	Sapling Medium	29.0	27	Immature	N/A	Young Jack pine stand with several more open areas. There is small inclusion of Aspen and oak in the south end of the stand that is too small to split into its own stand. There is lots of rolling terrain throughout the stand.																													
								<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>90</td> <td>Sapling</td> <td>3</td> <td>27</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Northern Pin Oak</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Cherry (spp.)</td> <td>Medium</td> <td>Variable</td> <td>Tall Shrub</td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	90	Sapling	3	27	Bigtooth Aspen	5	Sapling	2		Northern Pin Oak	5	Sapling	2		Sub-Canopy Species	Density	Avg. Height	Size	Cherry (spp.)	Medium	Variable	Tall Shrub
Canopy Species	% Cover	Size Class	DBH	Age																																
Jack Pine	90	Sapling	3	27																																
Bigtooth Aspen	5	Sapling	2																																	
Northern Pin Oak	5	Sapling	2																																	
Sub-Canopy Species	Density	Avg. Height	Size																																	
Cherry (spp.)	Medium	Variable	Tall Shrub																																	
11	42220 - Natural Jack Pine	Sapling Well	34.3	37	51-80	N/A	Mid-aged Jack pine stand with a mix of oak and aspen. Small openings are scattered throughout the stand. BA swings averaged around 60 or 70. Old Comment: New stand added. Jack pine std mixed with deciduous species. Mostly Jack pine of different age classes (sapling-small pole size) mixed with Quaking Aspen and Oaks. Some larger pole size Jack pine in the south. Two track traverses along the south edge and through the std. Stand is under long term military lease.																													
								<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Northern Pin Oak</td> <td>18</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>72</td> <td>Sapling/Pole</td> <td>3</td> <td>37</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Cherry (spp.)</td> <td>Medium</td> <td>Variable</td> <td>Tall Shrub</td> </tr> <tr> <td>Oak (spp.)</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	10	Sapling/Pole	3		Northern Pin Oak	18	Sapling/Pole	3		Jack Pine	72	Sapling/Pole	3	37	Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	Low	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																
Quaking Aspen	10	Sapling/Pole	3																																	
Northern Pin Oak	18	Sapling/Pole	3																																	
Jack Pine	72	Sapling/Pole	3	37																																
Sub-Canopy Species	Density	Avg. Height	Size																																	
Jack Pine	Low	Variable	Sapling																																	
Cherry (spp.)	Medium	Variable	Tall Shrub																																	
Oak (spp.)	Low	< 5 feet	Seeding																																	
12	3302 - Low Density Conifer Trees	Nonstocked	21.1			Managed Opening	Stand is mostly a grassy/shrubby opening that has a decent component of scattered Jack pine. Trees are of varying age and size being mostly open grown, with a few heavier clusters. Stand was burned in Spring 2022 as a part of the North Camp Grayling Pine Barrens Management plan. Old Comments: Stand was burned 4-20-2016 (M72-799) as part of the Military's North Camp Grayling Pine Barrens management area. Stand swapped from Forested to Non-Forested. Std was harvested in 2008 under contract 720430501. Stand was not replanted due to military training and lease. Old note says std will be burned within the next 10 years for military pine berrian mgt. A low to medium stocking of natural regen exist throughout the std, but mostly seedling size. A few scattered clump or single Jack pine trees exist throughout std tha were unmercantable were left when std was harvested. Recommend no treatment.																													
								<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>Trace</td> <td></td> <td>Pole</td> </tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	Trace		Pole																				
Sub-Canopy Species	Density	Avg. Height	Size																																	
Jack Pine	Trace		Pole																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																	
13	42220 - Natural Jack Pine	Sapling Well	36.4	30	Immature	N/A	Young dense stand of Jack pine regen, with some pole sized Jack pine that was left when the stand was cut in 1996. There is also a small mix of oak, Aspen, and a trace of cherry. Young natural regenerating std of Jack pine. Some small single and patches of Jack pine pole timber scattered throughout std. This pole timber was small Jack pine that was left after the harvest in 1996 (Wakeley West Jack). Stand is under long term military lease.																																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>20</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>72</td> <td>Sapling</td> <td>3</td> <td>30</td> </tr> <tr> <td>Quaking Aspen</td> <td>4</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Northern Pin Oak</td> <td>4</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Jack Pine	20	Sapling/Pole	4		Jack Pine	72	Sapling	3	30	Quaking Aspen	4	Sapling	3		Northern Pin Oak	4	Sapling	3		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Cherry (spp.)</td> <td>Low</td> <td>Variable</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Cherry (spp.)	Low	Variable	Tall Shrub																			
Canopy Species	% Cover	Size Class	DBH	Age																																																				
Jack Pine	20	Sapling/Pole	4																																																					
Jack Pine	72	Sapling	3	30																																																				
Quaking Aspen	4	Sapling	3																																																					
Northern Pin Oak	4	Sapling	3																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																					
Cherry (spp.)	Low	Variable	Tall Shrub																																																					
14	4125 - Black, N. Pin Oak	Poletimber Medium	10.2	35	51-80	N/A	Somewhat open pin oak stand with a small amount of Jack pine and Aspen. Ba swings averaged around 60. Understory has low stocking levels of pin oak and jack pine saplings. Stand was burned in Spring 2022 as a part of the Military's North Camp Grayling Pine Barrens management plan. Old comments: Stand was burned 4-20-2016 (M72-799) as part of the Military's North Camp Grayling Pine Barrens management area. Small Oak stand (sapling/pole) located on the west side of N. Wakeley Bridge Rd at the intersection of Bucks East/West. Stand is under military lease. Mostly regenerating from stump sprouts. Some aspen and Jack pine scattered throughout stand.																																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>6</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Northern Pin Oak</td> <td>90</td> <td>Pole/Sapling</td> <td>7</td> <td>35</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>4</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Jack Pine	6	Sapling/Pole	3		Northern Pin Oak	90	Pole/Sapling	7	35	Bigtooth Aspen	4	Sapling/Pole	3		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> <tr> <td>Jack Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Oak (spp.)</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	Low	< 5 feet	Seeding	Jack Pine	Low	Variable	Sapling	Oak (spp.)	Low	< 5 feet	Seeding																
Canopy Species	% Cover	Size Class	DBH	Age																																																				
Jack Pine	6	Sapling/Pole	3																																																					
Northern Pin Oak	90	Pole/Sapling	7	35																																																				
Bigtooth Aspen	4	Sapling/Pole	3																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																					
Jack Pine	Low	< 5 feet	Seeding																																																					
Jack Pine	Low	Variable	Sapling																																																					
Oak (spp.)	Low	< 5 feet	Seeding																																																					
15	3303 - Mixed Low Density Trees	Nonstocked	16.5		Immature	No	Open stand with scattered clusters of Jack pine, Oak, and aspen. Trees are mostly open grown and are of varying age. Stand structure somewhat resembles a pine barrens. Old Comment: New stand added. Std is a mix of low density trees of Oak/Jack pine and Quaking Aspen. Open grown of different ages. Std is dominantly open with grasses and sedges, blueberry and cherry brush. No recommendation. Std is under long term military lease. Trees are sapling to log size.																																																	
16	4199 - Other Mixed Upland Deciduous	Poletimber Well	22.1	47	81-110	N/A	Young pole size Oak/Aspen stand with scattered Red Pine. Oak is mostly of stump sprouts (2-5 in clumps and some single stems) Aspen scattered throughout stand and in pockets. Aspen of the same age and older. Same goes for the Red pine. South side borders tank trail. Stand is under long term military lease.																																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>25</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>15</td> <td>Pole/Log/Sap</td> <td>8</td> <td>75</td> </tr> <tr> <td>White Oak</td> <td>6</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>42</td> <td>Pole/Sapling</td> <td>7</td> <td>47</td> </tr> <tr> <td>Red Maple</td> <td>12</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Bigtooth Aspen	25	Pole/Sapling	7		Red Pine	15	Pole/Log/Sap	8	75	White Oak	6	Pole/Sapling	7		Red Oak	42	Pole/Sapling	7	47	Red Maple	12	Pole/Sapling	7		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Aspen (spp.)</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Oak (spp.)</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	Variable	Sapling	Aspen (spp.)	Low	Variable	Sapling	Red Pine	Low	Variable	Sapling	Oak (spp.)	Medium	Variable	Sapling		
Canopy Species	% Cover	Size Class	DBH	Age																																																				
Bigtooth Aspen	25	Pole/Sapling	7																																																					
Red Pine	15	Pole/Log/Sap	8	75																																																				
White Oak	6	Pole/Sapling	7																																																					
Red Oak	42	Pole/Sapling	7	47																																																				
Red Maple	12	Pole/Sapling	7																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																					
Red Maple	Low	Variable	Sapling																																																					
Aspen (spp.)	Low	Variable	Sapling																																																					
Red Pine	Low	Variable	Sapling																																																					
Oak (spp.)	Medium	Variable	Sapling																																																					
17	4125 - Black, N. Pin Oak	Sapling Medium	14.9	15	Immature	N/A	Young Pin oak stand with a small component of Jack pine. There are also a few pole-sized Oak and Pine scattered throughout the stand. Regen is consistent with several more open patches here and there. Stand was cut in 2008 as a part of Tank Trail Oak Blocks 72-044-01. Old Comment: Immature Oak stand mixed with some pine. Stand is regenerating by stump sprouts and connected roots. Stand meets acceptable regeneration standards. Some existing advanced regen in small pole size (both Oak/pine-approx 5 to 10 BA). Stand is under long term military lease. Two track traverses through stand.																																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>8</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Northern Pin Oak</td> <td>92</td> <td>Sapling</td> <td>1</td> <td>15</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Jack Pine	8	Sapling	1		Northern Pin Oak	92	Sapling	1	15																																							
Canopy Species	% Cover	Size Class	DBH	Age																																																				
Jack Pine	8	Sapling	1																																																					
Northern Pin Oak	92	Sapling	1	15																																																				
18	122 - Road/Parking Lot	Nonstocked	7.7			Managed Opening	North Wakeley Bridge Road (County Rd - seasonal at times and closed off for military training at times also).																																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																							
19	42220 - Natural Jack Pine	Poletimber Well	37.9	50	51-80	N/A	Jack pine stand with scattered Oak throughout the north side of stand. Oak is of saw and pole size and somewhat poor quality. Jack pine is of multiple ages throughout. Stand is located on side slope and valley bottom. Stand is under long term military lease. Recommend no treatment.																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>4</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>74</td> <td>Pole/Sap/Log</td> <td>7</td> <td>50</td> </tr> <tr> <td>Northern Pin Oak</td> <td>22</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Pine	4	Pole	8		Jack Pine	74	Pole/Sap/Log	7	50	Northern Pin Oak	22	Log/Pole	10		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Cherry (spp.)</td> <td>Low</td> <td>Variable</td> <td>Tall Shrub</td> </tr> <tr> <td>Oak (spp.)</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Quaking Aspen</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	Medium	Variable	Sapling	Cherry (spp.)	Low	Variable	Tall Shrub	Oak (spp.)	Low	Variable	Sapling	Quaking Aspen	Low	Variable	Sapling		
Canopy Species	% Cover	Size Class	DBH	Age																																										
Red Pine	4	Pole	8																																											
Jack Pine	74	Pole/Sap/Log	7	50																																										
Northern Pin Oak	22	Log/Pole	10																																											
Sub-Canopy Species	Density	Avg. Height	Size																																											
Jack Pine	Medium	Variable	Sapling																																											
Cherry (spp.)	Low	Variable	Tall Shrub																																											
Oak (spp.)	Low	Variable	Sapling																																											
Quaking Aspen	Low	Variable	Sapling																																											
20	42220 - Natural Jack Pine	Poletimber Poor	15.3	40	1-50	N/A	Very open Jack pine stand with a mix of Aspen and Cherry. There are many condensed clumps of trees as well as patches of open grown trees. BA is variable due to the structure of the stand, but averaged around 40 or 50. Stand was cut in 1986 as a part of Bald Hill Fire Block sale. Old Comment: Jack pine stand mixed with other deciduous species. (25-30% crown closure). Small patches of Quaking aspen. Open grown Jack pine of poor quality Scattered patches of cherry brush. Stand is under long term military lease. Old tank trail on west side of stand between stand and N. Wakeley Bridge Rd.																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Pin Cherry</td> <td>5</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>90</td> <td>Pole/Sapling</td> <td>6</td> <td>40</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Pin Cherry	5	Sapling/Pole	3		Quaking Aspen	5	Pole/Sapling	5		Jack Pine	90	Pole/Sapling	6	40	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Cherry (spp.)</td> <td>Low</td> <td>Variable</td> <td>Tall Shrub</td> </tr> <tr> <td>Oak (spp.)</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Cherry (spp.)	Low	Variable	Tall Shrub	Oak (spp.)	Low	Variable	Sapling	Jack Pine	Low	Variable	Sapling						
Canopy Species	% Cover	Size Class	DBH	Age																																										
Pin Cherry	5	Sapling/Pole	3																																											
Quaking Aspen	5	Pole/Sapling	5																																											
Jack Pine	90	Pole/Sapling	6	40																																										
Sub-Canopy Species	Density	Avg. Height	Size																																											
Cherry (spp.)	Low	Variable	Tall Shrub																																											
Oak (spp.)	Low	Variable	Sapling																																											
Jack Pine	Low	Variable	Sapling																																											
21	42110 - Planted Red Pine	Sawtimber Well	73.8	90	111-140	N/A	Stand of planted Red pine that is pushing 90 years old. Stand was thinned in 2008 and BA is averaging around 150. There is a pretty well developed understory consisting primarily of oak, with a mix of red maple, Jack pine, and red pine. Old Comment: Planted Red pine stand. Age 77 with SI=64. Rows not distinguishable. Stand was thinned in 2006/2008, under contract 720050501. Std was to be thinned to 120 BA. (BA swings 100,120,160 and 200). Skid trails, landings and road regenerating to Red pine (1-5" seedlings). Std is under long term military lease. Oak saplings in understory.																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>100</td> <td>Log/Pole</td> <td>12</td> <td>90</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Pine	100	Log/Pole	12	90	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Cherry (spp.)</td> <td>Low</td> <td>Variable</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> <tr> <td>Oak (spp.)</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>Variable</td> <td>Pole</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Cherry (spp.)	Low	Variable	Tall Shrub	Red Pine	Low	< 5 feet	Seeding	Oak (spp.)	Medium	Variable	Sapling	Red Maple	Low	Variable	Sapling	Red Pine	Low	Variable	Pole								
Canopy Species	% Cover	Size Class	DBH	Age																																										
Red Pine	100	Log/Pole	12	90																																										
Sub-Canopy Species	Density	Avg. Height	Size																																											
Cherry (spp.)	Low	Variable	Tall Shrub																																											
Red Pine	Low	< 5 feet	Seeding																																											
Oak (spp.)	Medium	Variable	Sapling																																											
Red Maple	Low	Variable	Sapling																																											
Red Pine	Low	Variable	Pole																																											
22	4199 - Other Mixed Upland Deciduous	Poletimber Well	47.0	40	51-80	N/A	Pole sized Oak stand with a mix of Red maple, Aspen, Jack pine. Trees are mostly split stems in clumps of 5 to 7. Stand is divided by Wakely Bridge Rd. East half of stand was cut in 1986 as a part of Bald Hill Fire Block sale. The West half of the stand was cut a couple of years before according to aerial imagery. Old Comment: Young Oak stand mixed with some Red maple, Aspen, Jack pine and a trace amount of Red pine. Stand last harvested in 1986. Stand under long term military lease. N. Wakeley Bridge RD traverses north/south through the std. Oak and other spices mostly of stump sprout origin. Recommend no treatment.																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern Pin Oak</td> <td>53</td> <td>Pole/Sapling</td> <td>5</td> <td>40</td> </tr> <tr> <td>Jack Pine</td> <td>15</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>2</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Northern Pin Oak	53	Pole/Sapling	5	40	Jack Pine	15	Pole/Sapling	5		Quaking Aspen	15	Pole/Sapling	5		Red Pine	2	Sapling/Pole	3		Red Maple	15	Pole/Sapling	5		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Oak (spp.)</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	Low	Variable	Sapling	Oak (spp.)	Low	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																										
Northern Pin Oak	53	Pole/Sapling	5	40																																										
Jack Pine	15	Pole/Sapling	5																																											
Quaking Aspen	15	Pole/Sapling	5																																											
Red Pine	2	Sapling/Pole	3																																											
Red Maple	15	Pole/Sapling	5																																											
Sub-Canopy Species	Density	Avg. Height	Size																																											
Jack Pine	Low	Variable	Sapling																																											
Oak (spp.)	Low	Variable	Sapling																																											
23	42110 - Planted Red Pine	Sawtimber Well	5.5	90	171-200	N/A	Old Red Pine plantation with BA around 160 on average. There is fairly well developed understory consisting of Red maple, Oak, and smaller amounts of red pine. Old Comment: Red pine stand planted. Small acreage. Stand is under long term military lease. Understory is Red maple Oak saplings.																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>100</td> <td>Log</td> <td>14</td> <td>90</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Pine	100	Log	14	90	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Oak (spp.)</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>Variable</td> <td>Pole</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	Variable	Sapling	Oak (spp.)	Low	Variable	Sapling	Red Pine	Low	Variable	Pole																
Canopy Species	% Cover	Size Class	DBH	Age																																										
Red Pine	100	Log	14	90																																										
Sub-Canopy Species	Density	Avg. Height	Size																																											
Red Maple	Medium	Variable	Sapling																																											
Oak (spp.)	Low	Variable	Sapling																																											
Red Pine	Low	Variable	Pole																																											



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																														
24	4130 - Aspen	Sapling Well	25.8	27	Immature	N/A	Sapling sized Aspen stand with a mix of oak, red maple, Jack pine, and red pine. Stand was final harvested in 1996. Most deciduous species are clusters from stump sprout origin. Old Comment: Young Aspen stand mixed with other deciduous species. Some pine as well. (Red maple/Oak/Red and Jack pine). Final harvested in 1996 with an SI=61. Stand is under long term military lease.																																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern Pin Oak</td> <td>8</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>70</td> <td>Sapling</td> <td>3</td> <td>27</td> </tr> <tr> <td>Red Pine</td> <td>2</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>5</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Northern Pin Oak	8	Sapling	3		Quaking Aspen	70	Sapling	3	27	Red Pine	2	Sapling	3		Jack Pine	5	Sapling	3		Red Maple	15	Sapling	3		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>				Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	Low	Variable	Sapling	Jack Pine	Low	Variable	Sapling																					
Canopy Species	% Cover	Size Class	DBH	Age																																																																	
Northern Pin Oak	8	Sapling	3																																																																		
Quaking Aspen	70	Sapling	3	27																																																																	
Red Pine	2	Sapling	3																																																																		
Jack Pine	5	Sapling	3																																																																		
Red Maple	15	Sapling	3																																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																																		
Red Pine	Low	Variable	Sapling																																																																		
Jack Pine	Low	Variable	Sapling																																																																		
25	4132 - Aspen, Jack Pine	Sapling Well	56.1	35	81-110	N/A	Young Aspen stand with a mix of oak, Jack pine, and some Red pine. Stand is long and narrow and runs along the south side of Bucks East West. Stand is a good mix of saplings and poles. Long narrow strip last harvested in 1988 along the south side of Bucks East/West. Sapling/pole size throughout of Jack pine/Aspen/Oak mixed and unmixed (To small of acreage to type out as separate stds). Stand is under long term military lease. Some Red pine sapling/pole mixed throughout std. Stand should be small pole size in the next ten years.																																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>20</td> <td>Sapling/Pole</td> <td>3</td> <td>35</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>20</td> <td>Sapling/Pole</td> <td>3</td> <td>35</td> </tr> <tr> <td>Northern Pin Oak</td> <td>25</td> <td>Sapling/Pole</td> <td>3</td> <td>35</td> </tr> <tr> <td>Jack Pine</td> <td>20</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	20	Sapling/Pole	3	35	Red Maple	10	Sapling/Pole	3		Red Pine	5	Sapling/Pole	3		Bigtooth Aspen	20	Sapling/Pole	3	35	Northern Pin Oak	25	Sapling/Pole	3	35	Jack Pine	20	Sapling/Pole	3		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Cherry (spp.)</td> <td>Low</td> <td>Variable</td> <td>Tall Shrub</td> </tr> <tr> <td>Oak (spp.)</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> <tr> <td>Jack Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> <tr> <td>Aspen (spp.)</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> </tbody> </table>				Sub-Canopy Species	Density	Avg. Height	Size	Cherry (spp.)	Low	Variable	Tall Shrub	Oak (spp.)	Low	< 5 feet	Seeding	Red Maple	Low	< 5 feet	Seeding	Red Pine	Low	< 5 feet	Seeding	Jack Pine	Low	< 5 feet	Seeding	Aspen (spp.)	Low	< 5 feet	Seeding
Canopy Species	% Cover	Size Class	DBH	Age																																																																	
Quaking Aspen	20	Sapling/Pole	3	35																																																																	
Red Maple	10	Sapling/Pole	3																																																																		
Red Pine	5	Sapling/Pole	3																																																																		
Bigtooth Aspen	20	Sapling/Pole	3	35																																																																	
Northern Pin Oak	25	Sapling/Pole	3	35																																																																	
Jack Pine	20	Sapling/Pole	3																																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																																		
Cherry (spp.)	Low	Variable	Tall Shrub																																																																		
Oak (spp.)	Low	< 5 feet	Seeding																																																																		
Red Maple	Low	< 5 feet	Seeding																																																																		
Red Pine	Low	< 5 feet	Seeding																																																																		
Jack Pine	Low	< 5 feet	Seeding																																																																		
Aspen (spp.)	Low	< 5 feet	Seeding																																																																		
26	42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Medium	15.5	40	51-80	N/A	Young Jack pine stand that is just coming into the low end of the pole sized class. Around half of the stand is still in the sapling class, so BA swings were only averaging around 60. There are also many small openings scattered across the stand. Stand was cut in 1986 as a part of Bald Hill Fire Block sale.																																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>5</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Northern Pin Oak</td> <td>25</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>70</td> <td>Pole/Sapling</td> <td>5</td> <td>40</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Bigtooth Aspen	5	Sapling/Pole	3		Northern Pin Oak	25	Sapling/Pole	3		Jack Pine	70	Pole/Sapling	5	40	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> <tr> <td>Cherry (spp.)</td> <td>Low</td> <td>Variable</td> <td>Tall Shrub</td> </tr> <tr> <td>Oak (spp.)</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> </tbody> </table>				Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	Low	< 5 feet	Seeding	Cherry (spp.)	Low	Variable	Tall Shrub	Oak (spp.)	Low	< 5 feet	Seeding																											
Canopy Species	% Cover	Size Class	DBH	Age																																																																	
Bigtooth Aspen	5	Sapling/Pole	3																																																																		
Northern Pin Oak	25	Sapling/Pole	3																																																																		
Jack Pine	70	Pole/Sapling	5	40																																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																																		
Jack Pine	Low	< 5 feet	Seeding																																																																		
Cherry (spp.)	Low	Variable	Tall Shrub																																																																		
Oak (spp.)	Low	< 5 feet	Seeding																																																																		
27	4125 - Black, N. Pin Oak	Sawtimber Poor	6.3	100	1-50	N/A	Narrow strip of mature oak that was shelterwood cut in 1996. There is a well developed understory of oak and Jack pine. Two track runs through the stand. Stand could be cut, but it would likely do more damage to regen than it would be worth. Leave stand for diversity or until nearby stands are ready to be cut. Old Comment: Long narrow stand of mixed mature Oak with Oak and Jack pine seedling/saplings in the understory. Stand is under long term military lease. Two track trail traverses through stand. Stand was treated with a shelterwood cut in 1996. Firewood cutters have picked it over.																																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Oak</td> <td>5</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Northern Pin Oak</td> <td>95</td> <td>Log/Pole</td> <td>10</td> <td>100</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		White Oak	5	Log/Pole	10		Northern Pin Oak	95	Log/Pole	10	100	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Oak (spp.)</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>				Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	Medium	Variable	Sapling	Oak (spp.)	Medium	Variable	Sapling																																				
Canopy Species	% Cover	Size Class	DBH	Age																																																																	
White Oak	5	Log/Pole	10																																																																		
Northern Pin Oak	95	Log/Pole	10	100																																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																																		
Jack Pine	Medium	Variable	Sapling																																																																		
Oak (spp.)	Medium	Variable	Sapling																																																																		
29	42220 - Natural Jack Pine	Poletimber Well	313.6	50	81-110	N/A	Large stand of Immature Jack pine that is half pole sized and half sapling sized. As a result BA swings are only averaging around 80 to 90. There is also a small mix of oak and aspen. Old Comment: Large immature Jack pine stand with some Aspen/Oak scattered throughout it. Stand is under long term military lease and there is an agreement to manage stand for Kirtlands Warbler. Stand is the result of fire (Bald Hill fire 1975). Recommend no treatment at this time.																																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>90</td> <td>Pole/Sapling</td> <td>5</td> <td>50</td> </tr> <tr> <td>Northern Pin Oak</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	5	Pole/Sapling	5		Jack Pine	90	Pole/Sapling	5	50	Northern Pin Oak	5	Pole/Sapling	5		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>				Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	Low	Variable	Sapling																																			
Canopy Species	% Cover	Size Class	DBH	Age																																																																	
Quaking Aspen	5	Pole/Sapling	5																																																																		
Jack Pine	90	Pole/Sapling	5	50																																																																	
Northern Pin Oak	5	Pole/Sapling	5																																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																																		
Jack Pine	Low	Variable	Sapling																																																																		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																					
30	42110 - Planted Red Pine	Sawtimber Well	135.9	90	81-110	N/A	Older planted Red pine stand with a BA averaging around 160. Stand has a well developed understory of red maple and oak with a small component of Jack pine and red pine. There is a small inclusion of young red maple and aspen (about 3 acres) in the NW of the stand that is too small to separate into its own stand. Old Comment: Planted Red pine stand. Stand thinned under contract 726070501, Bucks E/W Red Pine. Thinned to 90 BA, cut in early winter 2010. Little snow that year and some soil scarification occurred. Advanced Oak regen exist and Red maple regen coming in after harvest in understory. Lots of Red pine seedlings and some Jack pine in understory(1-5"). Stand under long term military lease. Recommend no treatment this entry year. Allow Red pine regen to establish more and than remove overstory. SI=67																																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>5</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>95</td> <td>Log</td> <td>13</td> <td>90</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	5	Pole	5		Red Pine	95	Log	13	90	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Medium</td> <td>< 5 feet</td> <td>Seeding</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Oak (spp.)</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	Low	Variable	Sapling	Red Pine	Medium	< 5 feet	Seeding	Red Maple	Medium	Variable	Sapling	Oak (spp.)	Medium	Variable	Sapling																						
Canopy Species	% Cover	Size Class	DBH	Age																																																								
Red Maple	5	Pole	5																																																									
Red Pine	95	Log	13	90																																																								
Sub-Canopy Species	Density	Avg. Height	Size																																																									
Red Pine	Low	Variable	Sapling																																																									
Red Pine	Medium	< 5 feet	Seeding																																																									
Red Maple	Medium	Variable	Sapling																																																									
Oak (spp.)	Medium	Variable	Sapling																																																									
31	4139 - Aspen, Mixed Deciduous	Sapling Poor	25.1	15	Immature	N/A	Young Aspen and Red maple stand with a small amount of oak and Red pine. Stand is a bit more open with small clearings scattered throughout. Red pine regen tends to be focused in these clearings. Old Comment: Previously R9 stand final harvested in 2010 under contract 726070501, Bucks E/W Red Pine. FTP proposed to burn and has not been burned. Management objective is Red pine, but stand is regenerating to Aspen/Red maple. Recommend change management objective to Aspen/mixed deciduous and let regenerate to this cover type. Stand is under long term military lease.																																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern Pin Oak</td> <td>2</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>58</td> <td>Sapling</td> <td>1</td> <td>15</td> </tr> <tr> <td>Red Maple</td> <td>40</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern Pin Oak	2	Sapling	1		Bigtooth Aspen	58	Sapling	1	15	Red Maple	40	Sapling	1		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Cherry (spp.)</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Oak (spp.)</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> <tr> <td>Red Pine</td> <td>Trace</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Cherry (spp.)	Low	Variable	Sapling	Oak (spp.)	Low	< 5 feet	Seeding	Red Pine	Trace	5 - 10 feet	Sapling																					
Canopy Species	% Cover	Size Class	DBH	Age																																																								
Northern Pin Oak	2	Sapling	1																																																									
Bigtooth Aspen	58	Sapling	1	15																																																								
Red Maple	40	Sapling	1																																																									
Sub-Canopy Species	Density	Avg. Height	Size																																																									
Cherry (spp.)	Low	Variable	Sapling																																																									
Oak (spp.)	Low	< 5 feet	Seeding																																																									
Red Pine	Trace	5 - 10 feet	Sapling																																																									
32	42220 - Natural Jack Pine	Poletimber Poor	25.7	50	1-50	N/A	Younger Jack pine stand that was harvested in 1996. Some Jack pine and oak were left during the harvest, making it a two-aged stand. The older trees only make up a smaller portion of the stand. Most of the stand is still immature so BA swings only averaged around 40 or 50. Old Comment: Jack pine stand. Last harvested in 1996. All Jack pine that was not merchantable was left. Jack pine is now young pole size with an undersory of Jack pine, Oak and Aspen. Stand is under long term military lease.																																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>6</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>86</td> <td>Pole/Sapling</td> <td>6</td> <td>50</td> </tr> <tr> <td>Northern Pin Oak</td> <td>8</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	6	Pole/Sapling	6		Jack Pine	86	Pole/Sapling	6	50	Northern Pin Oak	8	Sapling/Pole	3		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Oak (spp.)</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Oak (spp.)	Low	Variable	Sapling	Jack Pine	Medium	Variable	Sapling																									
Canopy Species	% Cover	Size Class	DBH	Age																																																								
Quaking Aspen	6	Pole/Sapling	6																																																									
Jack Pine	86	Pole/Sapling	6	50																																																								
Northern Pin Oak	8	Sapling/Pole	3																																																									
Sub-Canopy Species	Density	Avg. Height	Size																																																									
Oak (spp.)	Low	Variable	Sapling																																																									
Jack Pine	Medium	Variable	Sapling																																																									
33	4124 - Red with White Oak	Sawtimber Well	38.2	87	81-110	N/A	Mature mixed Oak stand with a solid component of super canopy red pine. Stand has been thinned in the past, allowing the understory to develop nicely. It is mainly red maple, with smaller portions of oak and red pine. Old Comment: Mixed std of Red pine and Oak. Std was thinned under contract 720090501. Previous a mature Oak std with Red pine scattered throughout stand. Thinned to 60-70 BA. Red pine is like super canopy over Oak. Red pine smaller crown dia. than Oak. Oak is showing up as the most dominant overstory even though it is shorter than Red pine. Std is under long term military lease. Red maple in under story a long with some Oak regen. Trace amount of Red pine seedlings as well.																																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>27</td> <td>Log/Pole</td> <td>12</td> <td>87</td> </tr> <tr> <td>Red Maple</td> <td>3</td> <td>Pole/Sap/Log</td> <td>5</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>40</td> <td>Log/Pole</td> <td>10</td> <td>87</td> </tr> <tr> <td>White Oak</td> <td>30</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	27	Log/Pole	12	87	Red Maple	3	Pole/Sap/Log	5		Red Oak	40	Log/Pole	10	87	White Oak	30	Log/Pole	10		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Pole</td> </tr> <tr> <td>Red Oak</td> <td>Low</td> <td>Variable</td> <td>Pole</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Oak</td> <td>Low</td> <td>Variable</td> <td>Pole</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>Variable</td> <td>Pole</td> </tr> <tr> <td>Oak (spp.)</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	Variable	Pole	Red Oak	Low	Variable	Pole	Red Maple	Medium	Variable	Sapling	White Oak	Low	Variable	Pole	Red Pine	Low	Variable	Pole	Oak (spp.)	Low	Variable	Sapling	Red Pine	Low	< 5 feet	Seeding
Canopy Species	% Cover	Size Class	DBH	Age																																																								
Red Pine	27	Log/Pole	12	87																																																								
Red Maple	3	Pole/Sap/Log	5																																																									
Red Oak	40	Log/Pole	10	87																																																								
White Oak	30	Log/Pole	10																																																									
Sub-Canopy Species	Density	Avg. Height	Size																																																									
Red Maple	Low	Variable	Pole																																																									
Red Oak	Low	Variable	Pole																																																									
Red Maple	Medium	Variable	Sapling																																																									
White Oak	Low	Variable	Pole																																																									
Red Pine	Low	Variable	Pole																																																									
Oak (spp.)	Low	Variable	Sapling																																																									
Red Pine	Low	< 5 feet	Seeding																																																									
34	42220 - Natural Jack Pine	Sapling Well	6.1	48	51-80	N/A	Small Jack pine stand that is mostly sapling sized with some poles mixed in. Stand is pretty dense and the stand is about to fall into the pole sized class. As a result BA swings averaged only around 60. Stand resulted from the 1975 Bald Hill fire. Old Comment: Small pocket of Jack pine sapling/pole size within Red pine std created by the 1975 Bald Hill fire. Stand is under long term military lease.																																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>2</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>92</td> <td>Sapling/Pole</td> <td>3</td> <td>48</td> </tr> <tr> <td>Northern Pin Oak</td> <td>6</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	2	Sapling/Pole	3		Jack Pine	92	Sapling/Pole	3	48	Northern Pin Oak	6	Sapling/Pole	3																																								
Canopy Species	% Cover	Size Class	DBH	Age																																																								
Bigtooth Aspen	2	Sapling/Pole	3																																																									
Jack Pine	92	Sapling/Pole	3	48																																																								
Northern Pin Oak	6	Sapling/Pole	3																																																									



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
35	4131 - Aspen, Oak	Poletimber Well	4.3	48	81-110	N/A	Small pole/sapling stand of Oak and Aspen established due to 1975 Bald Hill fire. Scattered supercanopy Red pine in overstory that escaped fire. BA swings averaged around 80 or 90, but much of this was the super canopy red pine, since most of the stand is still immature. Stand is under long term military lease.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Bigtooth Aspen		40	Pole/Sapling	5	48	Jack Pine		Medium
Northern Pin Oak		50	Pole/Sapling	5	48	Oak (spp.)		Low
Red Pine		10	Log/Pole	12	87			
							Avg. Height	
							Size	
36	3303 - Mixed Low Density Trees	Nonstocked	2.9			No	Small opening with scattered Jack pine, red pine, oak, and cherry. Bucks East West runs along north side of stand. Old two track alsoruns through stand.Old Comment: Small opening (herbacious) with Jack pine and Oaks on perimeter. Some Jack pine seedling throughout stand. Stand was a possible logging landing site in a frost pocket. Northside borders Bucks East West. Stand is under long term military lease.	
								Sub-Canopy Species
								Density
								Avg. Height
								Size
37	42260 - Natural Pine, Mixed Deciduous	Sapling Well	23.1	30	51-80	N/A	Sapling to small pole sized Jack pine stand with a mix of oak, Aspen, and red pine. There are some areas of larger pole-sized trees that were likely to small when the stand was last harvested, but the stand is primarily sapling sized. BA swings averaged around 50 due to most of the stand being immature.Old Comment: Jack pine sapling std with pockets of Oak and Aspen. Some Oak and Aspen overtopping Jack pine, but all of the same age. Std is under long term military lease. Also some Red pine saplings scattered throughout the std.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Quaking Aspen		12	Sapling	2		Red Pine		Medium
Red Pine		14	Sapling	2		Cherry (spp.)		Medium
Jack Pine		50	Sapling/Pole	4	30			
Northern Pin Oak		24	Sapling/Pole	4	36			
							Avg. Height	
							Size	
38	42220 - Natural Jack Pine	Poletimber Well	11.8	48	51-80	N/A	Multi-part Jack pine stand that is mostly sapling sized with some poles. Stand is a result of 1975 Bald Hill fire. BA swings averaged around 70 due to around half of stand being immature.Scattered pocket of Jack pine within an Red pine std. Jack pine is sapling/pole size. Created as a result of the Bald Hill fire in 1975. Stand/stands are under long trem military lease.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Pine		3	Sapling/Pole	3		Oak (spp.)		Low
Jack Pine		91	Pole/Sapling	5	48			
Northern Pin Oak		3	Sapling/Pole	3				
Quaking Aspen		3	Sapling/Pole	3				
							Avg. Height	
							Size	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
39	4199 - Other Mixed Upland Deciduous	Sapling Medium	117.4	10	Immature	N/A	<p>Young Mixed Upland stand consisting of red maple, Oak, Aspen, red pine and cherry. Stand is fully stocked in some areas and more towards moderate in others. There are also a couple of open patches scattered throughout. Stand was last cut in 2016 when existing regen was released.</p> <p>Old Comments: Buzz Cut RP (#72-608-15), PU 1 completed 5/26/16. Tops were not chipped in PU 1 after timing restrictions went on. Forester turn over allowed this sale to slip through the cracks for a couple years. It was decided that by the time we moved in to cut PU 2, we would cause more damage to existing regen by chipping the small piles of tops than it would be worth.</p> <p>Mature Red pine stand with an understory regenerating to an Aspen/Red maple/Oak (sapling). Stand was Seed tree cut, leaving 30-50 BA in clumps every 100 ft, under contract 726180801 Bucks E/W Seed Tree. Completed in Feb 2010. Late summer harvest was not done to scarify soil. Understory consists of advanced Oak regen and Red maple that has took off and resprouted after harvest. Some 1-5 inch Red pine seedlings scattered throughout the stand. .</p>																																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Cherry</td> <td>4</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>18</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>28</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>6</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>44</td> <td>Sapling</td> <td>2</td> <td>10</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Black Cherry	4	Sapling	2		Bigtooth Aspen	18	Sapling	2		Black/Red (Hybrid) Oak	28	Sapling	2		Red Pine	6	Sapling	2		Red Maple	44	Sapling	2	10															
Canopy Species	% Cover	Size Class	DBH	Age																																																
Black Cherry	4	Sapling	2																																																	
Bigtooth Aspen	18	Sapling	2																																																	
Black/Red (Hybrid) Oak	28	Sapling	2																																																	
Red Pine	6	Sapling	2																																																	
Red Maple	44	Sapling	2	10																																																
40	4130 - Aspen	Sapling Well	7.4	48	81-110	N/A	<p>Low end of pole sized Aspen stand that is a result of the 1975 Bald Hill fire. BA swings averaged around 100. Understory is mostly open, with small amounts of oak.</p> <p>Old Comment: Stand is a Aspen over Jack stand. Some Oak. All the same age and a result of the 1975 Bald Hill fire. Stand is under long term military lease.</p>																																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Northern Pin Oak</td> <td>5</td> <td>Sapling/Pole</td> <td>3</td> <td></td> <td>Oak (spp.)</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>5</td> <td>Sapling/Pole</td> <td>3</td> <td></td> <td>Jack Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>90</td> <td>Sapling/Pole</td> <td>3</td> <td>48</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Northern Pin Oak	5	Sapling/Pole	3		Oak (spp.)	Low	Variable	Sapling	Jack Pine	5	Sapling/Pole	3		Jack Pine	Low	Variable	Sapling	Bigtooth Aspen	90	Sapling/Pole	3	48													
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																												
Northern Pin Oak	5	Sapling/Pole	3		Oak (spp.)	Low	Variable	Sapling																																												
Jack Pine	5	Sapling/Pole	3		Jack Pine	Low	Variable	Sapling																																												
Bigtooth Aspen	90	Sapling/Pole	3	48																																																
41	42110 - Planted Red Pine	Sawtimber Medium	145.0	90	51-80	N/A	<p>Mature Red pine stand with an average BA around 70. There is well developed understory of oak saplings with smaller components of Aspen, red maple, and a trace amount of Red pine. Old Comment: Mature planted Red Pine stand. Harvested under contract 720000001 in 2000. Stand was shelterwood cut. Some scattered Oak was left throughout stand. East side of stand borders two track and a portion of the south. (approx. 5-10 BA of Oak, especially on soth end).</p>																																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>94</td> <td>Log/Pole</td> <td>12</td> <td>90</td> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Seeding</td> </tr> <tr> <td>White Oak</td> <td>3</td> <td>Pole/Log</td> <td>9</td> <td></td> <td>Oak (spp.)</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Oak</td> <td>3</td> <td>Pole/Log</td> <td>9</td> <td></td> <td>Aspen (spp.)</td> <td>Low</td> <td>Variable</td> <td>Seeding</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Red Pine</td> <td>Trace</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	94	Log/Pole	12	90	Red Maple	Low	Variable	Seeding	White Oak	3	Pole/Log	9		Oak (spp.)	High	Variable	Sapling	Red Oak	3	Pole/Log	9		Aspen (spp.)	Low	Variable	Seeding						Red Pine	Trace	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																												
Red Pine	94	Log/Pole	12	90	Red Maple	Low	Variable	Seeding																																												
White Oak	3	Pole/Log	9		Oak (spp.)	High	Variable	Sapling																																												
Red Oak	3	Pole/Log	9		Aspen (spp.)	Low	Variable	Seeding																																												
					Red Pine	Trace	Variable	Sapling																																												
42	42220 - Natural Jack Pine	Sapling Well	54.2	48	51-80	N/A	<p>Dense Jack pine stand that is a mix of sapling and pole sized trees. Smaller amounts of Oak, red pine, and aspen are also scattered throughout. Red pine is overtopping and older. BA averages are around 60 due to half of stand being immature. Stand is a result of 1975 Bald Hill fire. Old Comment: Dence Jack pine sapling pole standd as a result of the 1975 Bald Hill fire. Pockets or vorties left by fire throughout std. Mainly of Red pine but some Jack pine. 70 to 90 BA with a Jack pine sapling understory. Stand is under long term military lease. Stand is also under a agreement between military and DNR for KW management.</p>																																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>15</td> <td>Log/Pole</td> <td>12</td> <td>87</td> </tr> <tr> <td>Northern Pin Oak</td> <td>5</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>75</td> <td>Sapling/Pole</td> <td>3</td> <td>48</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	5	Sapling/Pole	3		Red Pine	15	Log/Pole	12	87	Northern Pin Oak	5	Sapling/Pole	3		Jack Pine	75	Sapling/Pole	3	48																				
Canopy Species	% Cover	Size Class	DBH	Age																																																
Quaking Aspen	5	Sapling/Pole	3																																																	
Red Pine	15	Log/Pole	12	87																																																
Northern Pin Oak	5	Sapling/Pole	3																																																	
Jack Pine	75	Sapling/Pole	3	48																																																



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
43	4199 - Other Mixed Upland Deciduous	Sapling Well	22.5	35	51-80	N/A	Mixed stand of Oak, Aspen, Jack pine, and red pine. Oak is scattered throughout and aspen, Jack pine, and red pine tend to be focused in pockets. Stand was last harvested in 1988. Bucks East West runs along North side and stand is long and narrow, Old Comment: Mixed std of Oak/Aspen and some Jack pine scattered and in pockets. Harvested in 1988. Recommend no treatment. Stand is under long term military lease. Mostly of sapling size with some pole timber mixed in.																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>12</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>4</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>30</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>6</td> <td>Pole/Sap/Log</td> <td>6</td> <td></td> </tr> <tr> <td>Northern Pin Oak</td> <td>48</td> <td>Sapling/Pole</td> <td>3</td> <td>35</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	12	Sapling/Pole	3		Red Maple	4	Sapling/Pole	3		Quaking Aspen	30	Sapling/Pole	3		Red Pine	6	Pole/Sap/Log	6		Northern Pin Oak	48	Sapling/Pole	3	35	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Oak (spp.)</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> <tr> <td>Cherry (spp.)</td> <td>Low</td> <td>Variable</td> <td>Tall Shrub</td> </tr> <tr> <td>Jack Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Oak (spp.)	Low	< 5 feet	Seeding	Cherry (spp.)	Low	Variable	Tall Shrub	Jack Pine	Low	< 5 feet	Seeding
Canopy Species	% Cover	Size Class	DBH	Age																																													
Jack Pine	12	Sapling/Pole	3																																														
Red Maple	4	Sapling/Pole	3																																														
Quaking Aspen	30	Sapling/Pole	3																																														
Red Pine	6	Pole/Sap/Log	6																																														
Northern Pin Oak	48	Sapling/Pole	3	35																																													
Sub-Canopy Species	Density	Avg. Height	Size																																														
Oak (spp.)	Low	< 5 feet	Seeding																																														
Cherry (spp.)	Low	Variable	Tall Shrub																																														
Jack Pine	Low	< 5 feet	Seeding																																														
44	4130 - Aspen	Poletimber Well	11.8	37	141-170	N/A	Pole sized Aspen stand that is primarily big tooth with a bit of Quaking aspen. BA swings averaged around 160. East West running two track splits the stand Old Comment: Young Aspen pole stand (Big-tooth). Recommend no treatment at this time. When treated, treat with adjacent stand in compartment 260 to the south. Two track traverses east/west on southside of stand. East side also borders Bald Hill Rd. Stand is under long term military lease. West side of std is Quaking Aspen																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>20</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>80</td> <td>Pole/Sapling</td> <td>5</td> <td>37</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	20	Pole/Sapling	5		Bigtooth Aspen	80	Pole/Sapling	5	37	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Oak (spp.)</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	Variable	Sapling	Oak (spp.)	Low	Variable	Sapling																			
Canopy Species	% Cover	Size Class	DBH	Age																																													
Quaking Aspen	20	Pole/Sapling	5																																														
Bigtooth Aspen	80	Pole/Sapling	5	37																																													
Sub-Canopy Species	Density	Avg. Height	Size																																														
Red Maple	Low	Variable	Sapling																																														
Oak (spp.)	Low	Variable	Sapling																																														
45	4130 - Aspen	Sapling Well	6.2	35	51-80	N/A	Young Aspen stand that is starting to come into the bottom end of the pole sized class. BA is around 70 due to about half of the stand still being immature.																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>100</td> <td>Sapling</td> <td>3</td> <td>35</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	100	Sapling	3	35	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Oak (spp.)</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	Medium	Variable	Sapling	Oak (spp.)	Low	Variable	Sapling																								
Canopy Species	% Cover	Size Class	DBH	Age																																													
Bigtooth Aspen	100	Sapling	3	35																																													
Sub-Canopy Species	Density	Avg. Height	Size																																														
Red Pine	Medium	Variable	Sapling																																														
Oak (spp.)	Low	Variable	Sapling																																														
46	4130 - Aspen	Sapling Medium	8.9	20	Immature	N/A	Young aspen stand with a mix of red maple and a smaller amount of oak. There is also a small amount of Red pine in the subcanopy, with a majority of it focused along Bald Hill rd in the west. Stand is pretty dense with a few smaller open pockets. Old Comment: Immature Aspen stand mixed with Red maple and some Oak West side of stand borders Bald Hill Rd. Final harvested under contract 720000001 in 2000. In the process of regenerating. Stand meets regen standards for Aspen mixed with other deciduous species.																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>35</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>60</td> <td>Sapling</td> <td>1</td> <td>20</td> </tr> <tr> <td>Northern Pin Oak</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	35	Sapling	1		Bigtooth Aspen	60	Sapling	1	20	Northern Pin Oak	5	Sapling	1		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> <tr> <td>Oak (spp.)</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	Low	< 5 feet	Seeding	Oak (spp.)	Low	< 5 feet	Seeding														
Canopy Species	% Cover	Size Class	DBH	Age																																													
Red Maple	35	Sapling	1																																														
Bigtooth Aspen	60	Sapling	1	20																																													
Northern Pin Oak	5	Sapling	1																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
Red Pine	Low	< 5 feet	Seeding																																														
Oak (spp.)	Low	< 5 feet	Seeding																																														
47	710 - Sand, Soil	Nonstocked	4.3			No	Bald Hill Road (county rd).																																										
48	42220 - Natural Jack Pine	Poletimber Medium	12.0	46	51-80	N/A	Pole to Sapling sized Jack pine stand that is somewhat open. There is also a mix of Aspen and some older Red pine. This stand is likely a result of the 1975 Bald Hill fire.																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>15</td> <td>Log/Pole</td> <td>12</td> <td>87</td> </tr> <tr> <td>Jack Pine</td> <td>80</td> <td>Pole/Sapling</td> <td>6</td> <td>46</td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	15	Log/Pole	12	87	Jack Pine	80	Pole/Sapling	6	46	Quaking Aspen	5	Pole/Sapling	5		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Cherry (spp.)</td> <td>Low</td> <td>Variable</td> <td>Tall Shrub</td> </tr> <tr> <td>Jack Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Quaking Aspen	Low	Variable	Sapling	Cherry (spp.)	Low	Variable	Tall Shrub	Jack Pine	Medium	Variable	Sapling										
Canopy Species	% Cover	Size Class	DBH	Age																																													
Red Pine	15	Log/Pole	12	87																																													
Jack Pine	80	Pole/Sapling	6	46																																													
Quaking Aspen	5	Pole/Sapling	5																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
Quaking Aspen	Low	Variable	Sapling																																														
Cherry (spp.)	Low	Variable	Tall Shrub																																														
Jack Pine	Medium	Variable	Sapling																																														



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
49	4199 - Other Mixed Upland Deciduous	Sapling Poor	5.1	8	Immature	N/A	Stand that has moderate stocking of red maple, Aspen, Oak, and red pine. Regen tends to be focused in clumps with other areas being more open, especially the West end of the stand. Harvested in fall of 2014 under contract 72-637-13-01. Small mature mixed Oak stand has some other deciduous species mixed along with some Red pine. South side borders two track.																																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>8</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>White Oak</td> <td>4</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>46</td> <td>Sapling</td> <td>2</td> <td>8</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>32</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	8	Sapling	2		White Oak	4	Sapling	2		Black/Red (Hybrid) Oak	10	Sapling	2		Red Maple	46	Sapling	2	8	Bigtooth Aspen	32	Sapling	2																
Canopy Species	% Cover	Size Class	DBH	Age																																																
Red Pine	8	Sapling	2																																																	
White Oak	4	Sapling	2																																																	
Black/Red (Hybrid) Oak	10	Sapling	2																																																	
Red Maple	46	Sapling	2	8																																																
Bigtooth Aspen	32	Sapling	2																																																	
50	4199 - Other Mixed Upland Deciduous	Sapling Medium	17.5	12	Immature	N/A	Young mixed upland deciduous stand with a mix of hybrid oak, bigtooth Aspen, white oak, and Red maple. Stand is fully stocked with a few small areas that are a bit more open. West end of stand is heavier to Aspen and maple, and the east end is heavier to oak. Stand was existing regen that was released during Buzz Cut Rp sale in 2019. Stand meets fully stocked requirement of mixed species. Old Comments: Buzz Cut RP (#72-608-15), PU 2 completed 3/4/2019. Oak/Aspen std. 3-4 acre patch of Aspen pole timber in the west portion of the stand. Heavy understory of Oak and Red maple. Located on the east side of Bald Hill Rd. Red pine that was not treated with adjacent Red pine sale.																																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Oak</td> <td>16</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>37</td> <td>Sapling</td> <td>2</td> <td>12</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>35</td> <td>Sapling</td> <td>2</td> <td>12</td> </tr> <tr> <td>Red Maple</td> <td>12</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	White Oak	16	Sapling	2		Black/Red (Hybrid) Oak	37	Sapling	2	12	Bigtooth Aspen	35	Sapling	2	12	Red Maple	12	Sapling	2																					
Canopy Species	% Cover	Size Class	DBH	Age																																																
White Oak	16	Sapling	2																																																	
Black/Red (Hybrid) Oak	37	Sapling	2	12																																																
Bigtooth Aspen	35	Sapling	2	12																																																
Red Maple	12	Sapling	2																																																	
51	42220 - Natural Jack Pine	Sapling Well	16.3	46	81-110	N/A	Mid aged Jack pine stand that is mostly pole sized. Stand is a result of the 1975 Bald Hill wildfire. Around 20% of the stand consists of older red pine that was left behind during the fire. This red pine tends to be focused in strips. BA averages are around 100, but there is still a decent number of Immature trees. Old Comment: Immature Jack pine stand as a result of a Bald Hill fire. Some Aspen/Mixed Oak in the north and east side of stand. Stand also has some scattered Red pine of sawlog size throughout it that escaped the fire. (40-150 BA) Stand is approaching small pole size and will reach this status before the next inventory barring no natural site change causes. Stand is under military lease. South side of stand borders Bald Hill Rd. Some damage (broken tops) due to late winter snow/ice storm 2012.																																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Northern Pin Oak</td> <td>3</td> <td>Sapling/Pole</td> <td>3</td> <td></td> <td>Jack Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>74</td> <td>Sapling/Pole</td> <td>3</td> <td>46</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>3</td> <td>Sapling/Pole</td> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Red Pine</td> <td>20</td> <td>Log</td> <td>10</td> <td>87</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Northern Pin Oak	3	Sapling/Pole	3		Jack Pine	Low	Variable	Sapling	Jack Pine	74	Sapling/Pole	3	46					Quaking Aspen	3	Sapling/Pole	3						Red Pine	20	Log	10	87				
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																												
Northern Pin Oak	3	Sapling/Pole	3		Jack Pine	Low	Variable	Sapling																																												
Jack Pine	74	Sapling/Pole	3	46																																																
Quaking Aspen	3	Sapling/Pole	3																																																	
Red Pine	20	Log	10	87																																																
52	42220 - Natural Jack Pine	Sapling Well	20.1	48	51-80	N/A	Dense Jack pine stand that is a mix of small poles and saplings. Stand also has mix of oak and a small inclusion of mature Red pine in the South East corner. BA averages were around 60 or 70. Stand is a result of the 1975 Bald Hill fire. Old Comment: Natural immature Jack pine stand mixed with some Aspen/Oak. Also, stand has a pocket of Red pine in the southeast portion of the stand. (40-150 BA). Stand is a result of a Bald Hill fire. Stand is approaching small pole size. Some damage (broken tops) due to a late winter snow/ice storm 2012																																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>3</td> <td>Sapling/Pole</td> <td>3</td> <td></td> <td>Jack Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Northern Pin Oak</td> <td>3</td> <td>Sapling/Pole</td> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>90</td> <td>Sapling/Pole</td> <td>3</td> <td>48</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Red Pine</td> <td>4</td> <td>Log</td> <td>10</td> <td>87</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Quaking Aspen	3	Sapling/Pole	3		Jack Pine	Low	Variable	Sapling	Northern Pin Oak	3	Sapling/Pole	3						Jack Pine	90	Sapling/Pole	3	48					Red Pine	4	Log	10	87				
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																												
Quaking Aspen	3	Sapling/Pole	3		Jack Pine	Low	Variable	Sapling																																												
Northern Pin Oak	3	Sapling/Pole	3																																																	
Jack Pine	90	Sapling/Pole	3	48																																																
Red Pine	4	Log	10	87																																																



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																															
53	4130 - Aspen	Poletimber Well	4.4	40	51-80	N/A	Young stand of Aspen and Red maple. Stand is mostly immature, with some trees starting to come into the pole sized class. BA swings averaged around 60 due to this. Old Comment: New stand added. Small young stand of Aspen mixed with Red maple. South side borders two track. Recommend no treatment at this time.																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>90</td> <td>Pole/Sapling</td> <td>5</td> <td>40</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Bigtooth Aspen	90	Pole/Sapling	5	40	Red Maple	10	Sapling/Pole	3		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Oak (spp.)</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Aspen (spp.)</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>				Sub-Canopy Species	Density	Avg. Height	Size	Oak (spp.)	Low	Variable	Sapling	Aspen (spp.)	Low	Variable	Sapling	Red Maple	Medium	Variable	Sapling	
Canopy Species	% Cover	Size Class	DBH	Age																																		
Bigtooth Aspen	90	Pole/Sapling	5	40																																		
Red Maple	10	Sapling/Pole	3																																			
Sub-Canopy Species	Density	Avg. Height	Size																																			
Oak (spp.)	Low	Variable	Sapling																																			
Aspen (spp.)	Low	Variable	Sapling																																			
Red Maple	Medium	Variable	Sapling																																			
54	42220 - Natural Jack Pine	Poletimber Well	70.2	60	81-110	N/A	Multipart stand that was split from stand 7 as a result of the 2021 Miller Drop Zone wildfire, as this portion of the original stand was left unburned. This stand is a mostly pole sized natural Jack pine stand that is fairly high quality. Stand has well-formed stems with very low mortality. BA swings averaged around 140. Old Comments: Large Jack pine pole stand with some pockets of mixed deciduous trees throughout stand. Example: 4 acre Quaking Aspen stand in the northwest corner(pole size). Stand is under long term military lease and posted as Kirtland warbler habitat under an agreement with military (See Range 30 Complex management plan). Stand is also part of block 6 of the Camp Grayling Pine Barrens Management area healthy,. New as well as old military use exists in and in the nearby stand 9. Stand is past the age for KW. No treatment recommended.																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>4</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>92</td> <td>Pole/Log</td> <td>8</td> <td>60</td> </tr> <tr> <td>Northern Pin Oak</td> <td>4</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	4	Pole/Sapling	7		Jack Pine	92	Pole/Log	8	60	Northern Pin Oak	4	Pole/Sapling	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Oak (spp.)</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>				Sub-Canopy Species	Density	Avg. Height	Size	Oak (spp.)	Low	Variable	Sapling	Jack Pine	Low	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																		
Quaking Aspen	4	Pole/Sapling	7																																			
Jack Pine	92	Pole/Log	8	60																																		
Northern Pin Oak	4	Pole/Sapling	6																																			
Sub-Canopy Species	Density	Avg. Height	Size																																			
Oak (spp.)	Low	Variable	Sapling																																			
Jack Pine	Low	Variable	Sapling																																			
55	3302 - Low Density Conifer Trees	Nonstocked	4.5			Managed Opening	Stand was split from stand 12 due to a difference in composition. This stand has a heavier component of Jack pine saplings and poles compared to stand 12 as a result of going unburned since both stands were cut in 2008. Stands 55 & 56 share the same structure but were separated due to the distance between them. Stand 57 also shared this structure before it was burned in the Miller DZ wildfire in 2021. Old Comments: Stand swapped from Forested to Non-Forested. Std was harvested in 2008 under contract 720430501. Stand was not replanted due to military training and lease. Old note says std will be burned within the next 10 years for military pine barren mgt. A low to medium stocking of natural regen exist throughout the std, but mostly seedling size. Afew scattered clump or single Jack pine trees exist throughout std tha were unmercantable were left when std was harvested. Recommend no treatment.																															
<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>Trace</td> <td></td> <td>Pole</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine		Trace		Pole																												
Sub-Canopy Species	Density	Avg. Height	Size																																			
Jack Pine	Trace		Pole																																			
56	3302 - Low Density Conifer Trees	Nonstocked	12.9			Managed Opening	Stand was split from stand 12 due to a difference in composition. This stand has a heavier component of Jack pine saplings and poles compared to stand 12 as a result of going unburned since both stands were cut in 2008. Stands 55 & 56 share the same structure but were separated due to the distance between them. Stand 57 also shared this structure before it was burned in the Miller DZ wildfire in 2021. Old Comments: Stand swapped from Forested to Non-Forested. Std was harvested in 2008 under contract 720430501. Stand was not replanted due to military training and lease. Old note says std will be burned within the next 10 years for military pine berrian mgt. A low to medium stocking of natural regen exist throughout the std, but mostly seedling size. Afew scattered clump or single Jack pine trees exist throughout std tha were unmercantable were left when std was harvested. Recommend no treatment.																															
<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>Trace</td> <td></td> <td>Pole</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine		Trace		Pole																												
Sub-Canopy Species	Density	Avg. Height	Size																																			
Jack Pine	Trace		Pole																																			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
57	320 - Upland Shrub	Nonstocked	9.5			Managed Opening	<p>Stand burned during the Miller Drop Zone wildfire in 2021, killing more than 90% of the existing low to moderate stocking of natural Jack Pine regen. Stand is now open with a low stocking of standing dead Jack pine saplings, with some poles.</p> <p>Stand 57 had the same structure as stands 55 and 56 before it was burned in the Miller DZ wildfire in 2021.</p> <p>Old Comments: Stand swapped from Forested to Non-Forested. Std was harvested in 2008 under contract 720430501. Stand was not replanted due to military training and lease. Old note says std will be burned within the next 10 years for military pine berrian mgt. A low to medium stocking of natural regen exist throughout the std, but mostly seedling size. A few scattered clump or single Jack pine trees exist throughout std that were unmerchantable were left when std was harvested. Recommend no treatment.</p>
Sub-Canopy Species	Density	Avg. Height	Size				
Jack Pine	Trace		Pole				