



Compartment Review Presentation

Grayling Forest Management Unit

Compartment 72226

Entry Year 2024

Acreage: 1,094

County Crawford

Management Area: Ogemaw Hills

Stand Examiner: Derek Nellis

Legal Description:

T25N R03W Section 16, 17 & 18
East Beaver Creek Township

Identified Planning Goals:

Maintain forest health, productivity, sustainability, species diversification and structural diversity of the resources while providing for multiple uses of the land.

Soil and topography:

The soils are Grayling and Graycalm sands. The area is flat to the west and south. There are very rolling hills to the north and east. The entire compartment consists of very well-drained to excessively-drained upland soils.

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

Ownership to the west and east is State land. The land to the south and north is a mixture of State land and private property. Much of the private property has been developed into subdivisions. The Skyline Ski Hill Area (closed) is located just to the north of the Compartment. The Seven-Mile Gravel Pit (State owned) is located in the northeast corner of the Compartment. The MCCCT Trail traverses through the Compartment. I-75 bisects the Compartment. A large power line bisects the Compartment. Beaver Creek Township owns the SESE of Section 18. The Beaver Creek Township Fire Department and the Township recreational park are located here. The compartment also is home to the Michigan State Police 800 Mhz radio tower. The property on which the radio tower is located was conveyed to the MSP. The radio tower will prohibit expansion of the 7 Mile Gravel pit to the west.

Unique Natural Features:

None.

Archeological, Historical, and Cultural Features:

Evidence of historical occupation is found in the Compartment.

Special Management Designations or Considerations:

15 acres located in the NENW of Section 16 is the location of a Michigan State Police communications tower that was established in 1999. This area has been titled to the Michigan State Police. This is the location of the old Sewel Fire Tower.

Watershed and Fisheries Considerations:

No surface water resources are located in the compartment.

Wildlife Habitat Considerations:

There are no maintained openings in the compartment. Priority species are deer, grouse and turkey.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial metallic mineral production in this part of the state. The State-owned 7 Mile Pit is in Sec 16. The pit is no longer active and is scheduled to be converted to a solar farm. There appears to be good potential for additional sand & gravel elsewhere within the compartment. The nearest significant hydrocarbon production, past or present, is the Beaver Creek Field three miles west. Potential for hydrocarbon development within the compartment is considered low at this time. Within the last 10 years, Encana tested the Collingwood Formation two miles west, and while the formation did produce (and some of the wells are still producing), the play hasn't proven to be economical to date, and there has been no recent interest in developing the Collingwood. There has been no recent well permit activity in the area and no State mineral leasing in the last four years. Interest in developing unconventional (horizontal drilling) plays in the Collingwood and Lucas (Richfield Member) formations in the recent past have dissipated. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, the surface owner must provide the owner of the mineral rights reasonable access to the surface for mineral exploration

and development.

Vehicle Access:

I-75 bisects the compartment. The closest access to the expressway is two miles north of the compartment at the 4-Mile Road interchange. Seven Mile bridge spans the I-75 freeway. Weight restrictions limit hauling across the bridge. There is a good system of paved roads and good dirt roads in the compartment. There are numerous two-track trails that traverse throughout the compartment. Existing access is adequate for current needs; no new roads need to be constructed and no roads need to be closed. Any new trail roads constructed for timber sales will be closed upon completion of the sale.

Survey Needs:

No further survey work appears to be needed.

Recreational Facilities and Opportunities:

The area receives pressure from hunting. The MCCCT Trail traverses through the entire compartment.

Fire Protection:

The Compartment consists of mostly rolling upland hardwoods and jack pine plains. There are several small subdivisions in and around the Compartment. Numerous roads bisect the area where most of the hazardous fuel types are located. Access with the current road system is good throughout most of the Compartment.

Additional Compartment Information:

7 mile pit is under consideration for a commercial solar electric operation.

The following reports from the Inventory are attached:

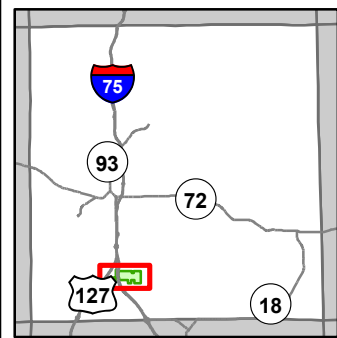
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

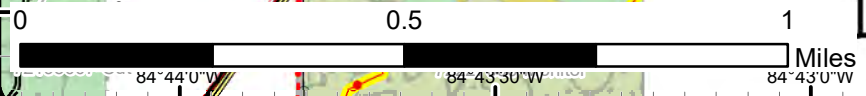
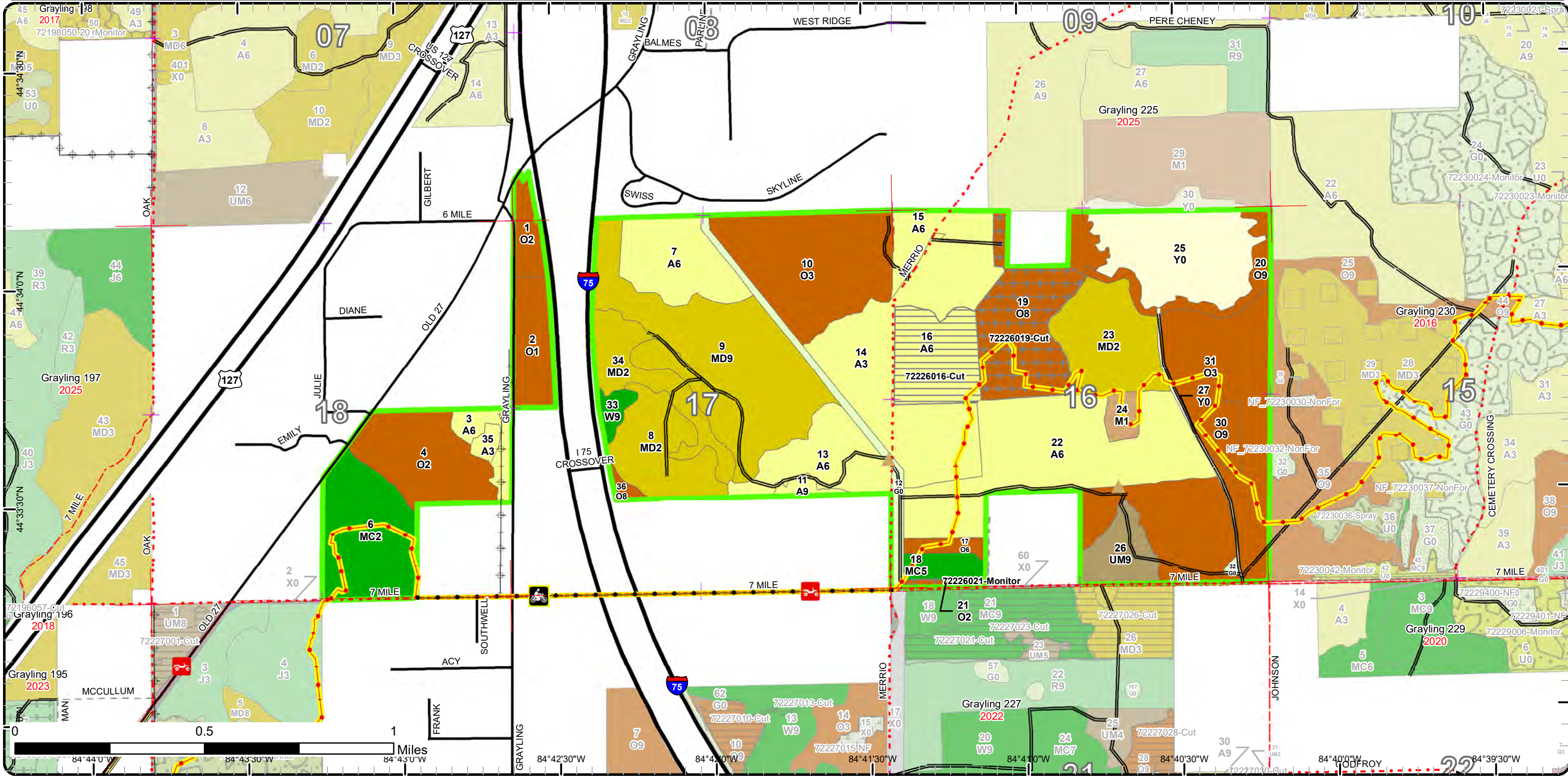
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 226
 T25N, R03W, Sec. 16-18
 County: Crawford
 Unit: Grayling
 Mgmt Area: Ogemaw Hills
 YOE: 2024
 Acres: 1093.6 GIS Calculated
 Examiner: Derek Nellis
 Map Revised: 12/27/2022
 Map Phase: Post-Review



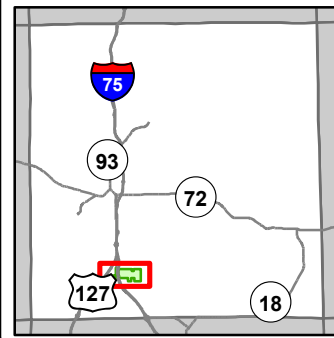
- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Secondary Forest Road
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Motorcycle Trails (SOS License)
- MCCCT Trails
- ORV Routes
- ORV License
- ORV License & Trail Permit
- Designated ORV Route
- Michigan Cross Country Cycle Trail (MCCCT)
- Berms
- Powerline
- Unspecified
- Compartment Boundary
- Clearcut (w/Reserves)
- Harvest, Overstory Removal
- Regeneration Survey
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 310 - Herbaceous Openland
- 710 - Sand/Soil



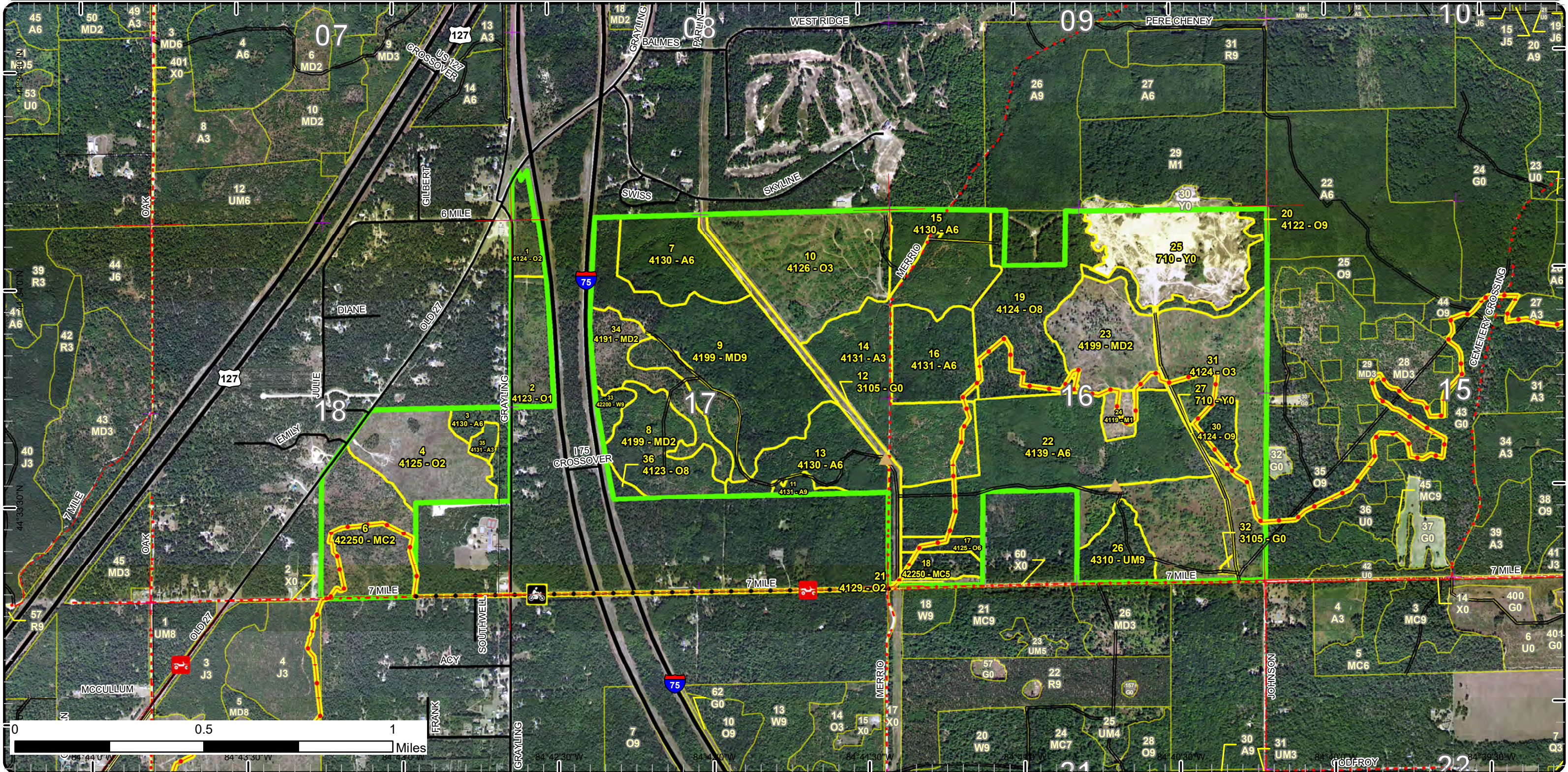
84°44'0"W 84°43'30"W 84°42'30"W 84°41'30"W 84°41'0"W 84°40'30"W 84°40'0"W 84°39'30"W

Stand Boundary Map

Compartment: 226
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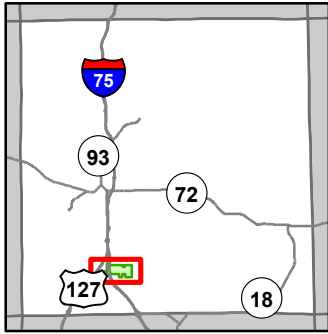


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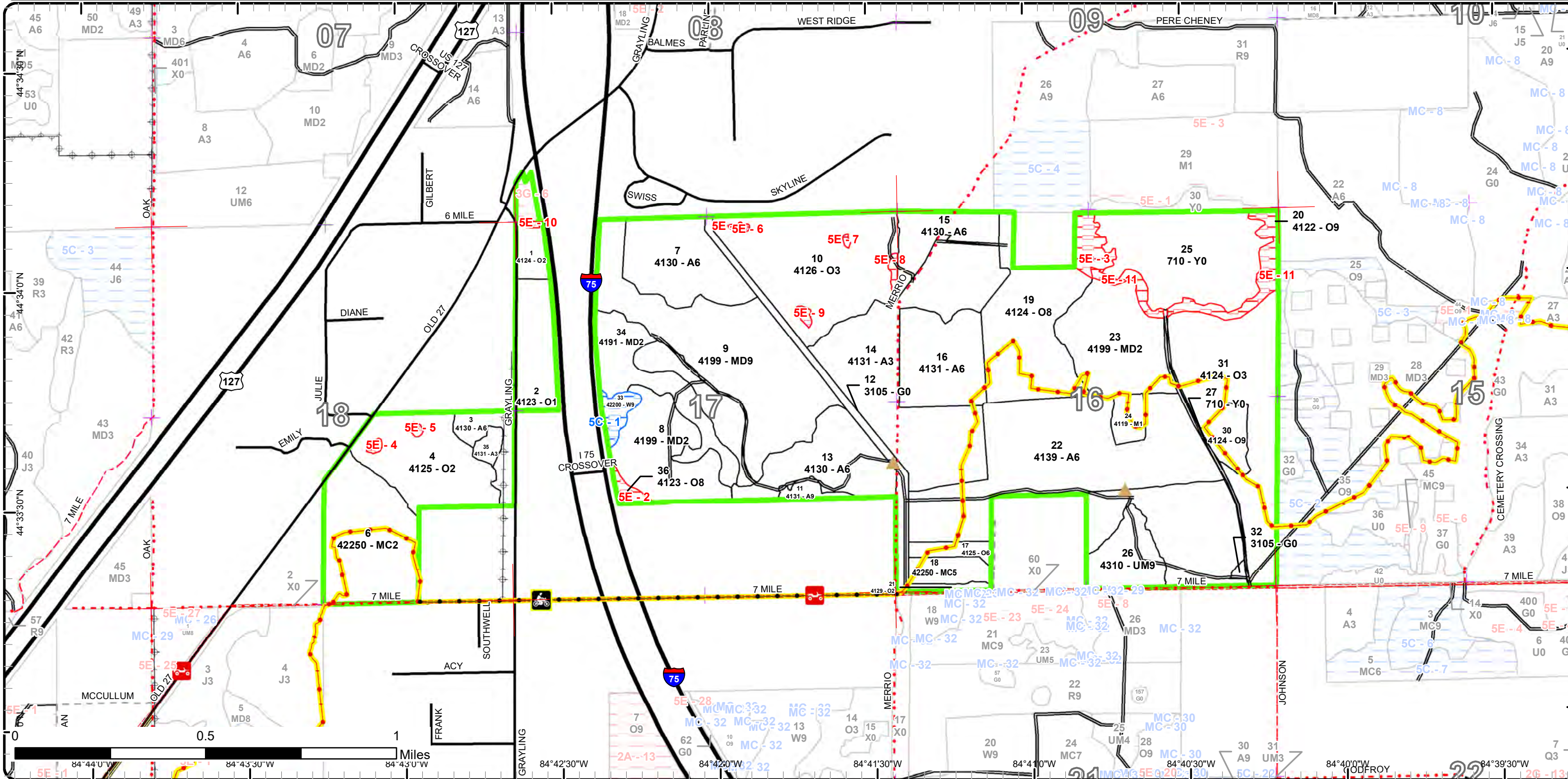


Special Conservation Areas

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- Unspecified
- Compartment Boundary
- Available w/ Constraints
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 5E: Long-Term Retention
- Stand Boundaries



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	93	0	194	12	35	4	0	0	0	0	0	0	0	0	0	0	338
Herbaceous Openland	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Mixed Upland Deciduous	0	43	83	0	0	0	0	87	0	0	0	0	0	0	0	0	0	0	212
Natural Mixed Pines	0	0	53	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	62
Northern Hardwood	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Oak	0	202	73	0	0	0	6	0	0	18	0	71	0	0	0	0	0	0	370
Sand, Soil	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61
Upland Mixed Forest	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0	0	19
White Pine	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	6
Total	79	252	302	0	194	12	41	91	9	37	6	71	0	0	0	0	0	0	1093



Report 2 – Treatment Summary

Grayling Mgt. Unit

Year of Entry: 2024

Acres of Harvest

Compartment 226

Total Compartment Acres: 1,094

Commercial Harvest - 88
 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	Overstory Removal	Salvage	Other	Total Acres
Aspen	35	0	0	0	0	0	0	0	0	35
Oak	0	0	0	0	0	53	0	0	0	53
Total	35	0	0	0	0	53	0	0	0	88

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	88	0	0	0	0	2	0	0	0	90
Next Step	0	0	0	0	0	35	0	0	0	35
Total	88	0	0	0	0	38	0	0	0	126



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
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Approved Treatments:

16	72226016-Cut	35.2	4131 - Aspen, Oak	Poletimber Well	56	141-170	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription Specs:</u> Harvest all stems >2" DBH. Standard retention (recommend retaining portion of the stand SE of motorcycle trail). Include grouse log spec and rec trail specs.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Fully stocked aspen with minor components of oak, maple, birch, and pine</p> <p><u>Other Comment:</u></p> <p><u>Site Condition:</u></p> <p>Proposed Start Date: 10/1 /2023</p>											
19	72226019-Cut	52.9	4124 - Red with White Oak	Sawtimber Medium	109	51-80	Harvest	Overstory Removal	4199 - Other Mixed Upland Deciduous	Even-Aged	No
<p><u>Prescription Specs:</u> Harvest all merchantable stems. Retention was removed from treatment area in NE portion of the stand to provide a buffer to the 7 mile pit. Protect regeneration. Include rec trail specs</p> <p><u>Next Step Treatments:</u></p> <p><u>Acceptable Regen:</u> A moderately stocked stand of oak, maple, and aspen.</p> <p><u>Other Comment:</u> potential for salvage harvest based on oak overstory mortality and decline.</p> <p><u>Site Condition:</u></p> <p>Proposed Start Date: 10/1 /2022</p>											
21	72226021-Monitor	2.3	4129 - Mixed Oak	Sapling Medium	7	Immature	Monitoring	Natural Regen (Intermediate)	42260 - Natural Pine, Mixed Deciduous	Even-Aged	No
<p><u>Prescription Specs:</u></p> <p><u>Next Step Treatments:</u></p> <p><u>Acceptable Regen:</u> White pine, oak, jack pine mixed with some deciduous.</p> <p><u>Other Comment:</u> Percent to Treat = 100%</p> <p><u>Site Condition:</u></p> <p>Proposed Start Date: 10/1 /2020</p>											

Total Treatment Acreage Proposed: 90.4

Report 4 – Site Conditions

Grayling Mgt. Unit
Derek Nellis : Examiner

Compartment: 226
Year of Entry: 2024

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	5C	3G	5E
		With Condition	Not Available				
338	338	0	0	Aspen			
18	18	0	0	Herbaceous Openland			
213	213	0	0	Mixed Upland Deciduous			
62	62	0	0	Natural Mixed Pines			
7	7	0	0	Northern Hardwood			
370	336	0	34	Oak		4	30
61	61	0	0	Sand, Soil			
19	19	0	0	Upland Mixed Forest			
6	0	6	0	White Pine	6		
1,094	1,054	6	34	Total Forested Acres	6	4	30
	96%	1%	3%	Relative Percent			

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	5E: Long-Term Retention	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Grayling Mgt. Unit
Derek Nellis : Examiner

Compartment: 226
Year of Entry: 2024

4	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	5E: Long-Term Retention	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments



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
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
1	4124 - Red with White Oak	Sapling Medium	11.7	8	Immature	N/A	This stand has been split from southern stand due to the area to the south having been burned over in 2018. Stand was harvested in spring 2015 under contract 72-015-14-01. Advanced regeneration was well protected during harvest.
Canopy Species		% Cover	Size Class	DBH	Age		
Red Oak	60	Sapling	1	8			
White Oak	40	Sapling	1				
2	4123 - Red Oak	Sapling Poor	23.0	8	Immature	N/A	The majority of this stand was burned over in the 2018 South Grayling Rd. Fire. Overstory removed in spring 2015 under contract 72-015-14-01. Advanced regeneration was well protected. Old comment: Stand was seed tree cut/spices selection. Everything was cut except for the Oak. A residual of 20 BA of Oak was left for visual management. West side of stand borders South Grayling Rd and the East side borders I-75. Advanced Oak reproduction was present at the time of cutting under contract 720150401. Stand is regenerating to a mixture of Oak, Aspen and Red maple in the understory.
Canopy Species		% Cover	Size Class	DBH	Age		
Red Oak	60	Sapling	1	8			
Quaking Aspen	10	Sapling	1				
Black Cherry	30	Sapling	1				
3	4130 - Aspen	Poletimber Well	11.7	43	51-80	N/A	Small stand of Aspen pole timber. North end of std borders private.
Canopy Species		% Cover	Size Class	DBH	Age		
Red Maple	6	Pole	7				
White Oak	3	Pole/Sapling	5				
Bigtooth Aspen	91	Pole	7	43			
Sub-Canopy Species		Density	Avg. Height	Size			
Aspen (spp.)	Low	Variable	Sapling				
Cherry (spp.)	Low	Variable	Sapling				
Red Maple	Low	Variable	Sapling				
4	4125 - Black, N. Pin Oak	Sapling Medium	43.9	7	Immature	N/A	Stand harvested in spring of 2015 under contract 72-015-15-01, scattered cherry and oak now sprouting throughout the stand. Was prescribed for trenching and planted JP. TMS looked at the site in 2017 and found moderate+ stocking in nat. established oak & JP. Summer student conducted regen survey in June 2018 and found 1,251 JP & 1,744 C-O-M-A. Rx M.O. of JP with a mix of oak was met by natural regen. Planting not needed. FTP C72-790 closed. JP not tall enough yet to be recorded as part of the canopy.
Canopy Species		% Cover	Size Class	DBH	Age		
Northern Pin Oak	60	Sapling	1	7			
Black Cherry	25	Sapling	1	7			
Quaking Aspen	10	Sapling	1	7			
Red Maple	5	Sapling	1	7			
Sub-Canopy Species		Density	Avg. Height	Size			
Jack Pine	Medium	< 5 feet	Seeding				
6	42250 - Pine, Oak	Sapling Medium	52.9	18	Immature	N/A	Pine/Oak stand. Stand was harvested in Aug of 2004 under contract 720150401. Everything was cut, except Jack pine 6 inches and smaller. Featuring understory. Std is two age classes now, but too close in size for two aged designation.
Canopy Species		% Cover	Size Class	DBH	Age		
Bigtooth Aspen	5	Sapling	2				
Red Maple	5	Sapling	2				
Northern Pin Oak	30	Sapling	2				
Jack Pine	60	Pole/Sapling	5	18			
Sub-Canopy Species		Density	Avg. Height	Size			
Jack Pine	Medium	Variable	Seeding				
Oak (spp.)	Medium	Variable	Seeding				
Cherry (spp.)	Low	Variable	Tall Shrub				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
7	4130 - Aspen	Poletimber Well	37.3	36	111-140	N/A	New stand added. Aspen stand mixed with Oak and Red maple. Scattered pine within stdd too. North side borders private. East side powerline. Sapling/ pole size.																																																		
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8	4199 - Other Mixed Upland Deciduous	Sapling Medium	54.3	16	81-110	N/A	Aspen/Oak/Red maple and Jack pine regen. Split out stand 34 due to lower stocking and higher component of jack pine. Split out stand 33 as well.																																																		
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9	4199 - Other Mixed Upland Deciduous	Sawtimber Well	86.5	66	81-110	N/A	Oak and Aspen stand mixed with some Red Maple. Oak is pole size and Aspen is pole size to some logs. East side borders powerline.																																																		
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10	4126 - White, Black, N. Pin Oak	Sapling Well	73.3	17	Immature	N/A	Stand harvested in spring of 2015 under contract 72-018-14-01. Four retention islands left throughout the stand, pockets of regeneration were protected during harvest.																																																		
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11	4131 - Aspen, Oak	Sawtimber Well	4.0	66	81-110	N/A	Small Aspen Oak stand bordering private to the south.																																																		
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12	3105 - Mixed Upland Herbaceous	Nonstocked	16.9			No	Powerline Right of Way. It is regularly mowed from time to time to keep woody vegetation from growing in.																																																		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
13	4130 - Aspen	Poletimber Well	34.8	35	81-110	N/A	Aspen stand mixed with minor components of red maple, cherry, and oak. South side of stand borders private.																																										
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14	4131 - Aspen, Oak	Sapling Well	89.9	16	Immature	N/A	Immature Aspen stand mixed with Red maple and Oak. Final harvested in 2006 under contract 720450401.																																										
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15	4130 - Aspen	Poletimber Well	18.6	36	111-140	N/A	Young Aspen pole stand mixed with other deciduous species (Red maple/Oak). North side of std borders private. Aspen site index of 60.																																										
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16	4131 - Aspen, Oak	Poletimber Well	35.2	56	141-170	N/A	Aspen pole stand mixed with Oak and Red maple. Aspen is in the large pole to small sawlog size. Aspen is Big tooth and can hold another 10 yrs if need be.																																										
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17	4125 - Black, N. Pin Oak	Poletimber Well	5.8	56	81-110	N/A	Young Oak pole timber stand. East side borders private. Some overstory mortality.																																										
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18	42250 - Pine, Oak	Poletimber Medium	9.3	79	1-50	N/A	Open grass areas. White pine and Scotch pine mixed with Oak. Trees are deformed and wolfy in open areas. Oak and pine better on the west end. MCCC cycle trail traverses through the west side. See OFS point.																																										
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																					
19	4124 - Red with White Oak	Sawtimber Medium	60.6	109	51-80	N/A	Mixed Oak stand. Stand was shelterwood cut in 9/26/07 under contract 720540401. All Aspen and Red Maple was removed and the Oak was reduced from 110 to 50BA. Heavy understory of Aspen, Oak and Red maple. North side of stand borders private. MCCC cycle trail traverses through the south portion of the stand.																																					
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Oak (spp.)	High	Variable	Sapling																																									
20	4122 - Oak, Pine	Sawtimber Well	15.1	86	81-110	N/A	Oak stand was left as buffer along the pit from adjacent sale to the south.																																					
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21	4129 - Mixed Oak	Sapling Medium	2.7	7	Immature	N/A	Oak and cherry with a minor component of white pine and Scotch pine. Harvested in 2015 under contract 72-020-14-01. A narrow stand of planted Scotch pine in 1943 along 7 Mile Road. Scotch pine is deformed and dying as to what's left of it. Remaining stand is Jack pine with scattered Oak. White pine poles and saplings in the understory. Some White pine pole are now in overstory.																																					
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22	4139 - Aspen, Mixed Deciduous	Poletimber Well	103.0	36	51-80	N/A	Young Aspen pole stand mixed with other deciduous species. Red maple and some Oak. The MCCCT trail traverses through the west side of stand. Stands south side and a portion of the west side borders a private 40. A two track trail traverses east/west across the stand.																																					
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23	4199 - Other Mixed Upland Deciduous	Sapling Medium	43.2	7	Immature	N/A	Decent white pine regen under patch of more dense residual. Patchy oak regen with heavy deer browse. Harvested in 2015 under contract 72-020-14-01. Scattered large white pine left from the sale.																																					
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																							
24	4119 - Mixed Northern Hardwoods	Sapling Poor	6.7	7	Immature	N/A	Harvested in 2015 under contract 72-020-14-01. New stand added. Quality of Oak is lower with scattered White pine. MCCC trail traverses through the stand.																																																							
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25	710 - Sand, Soil	Nonstocked	57.8		Immature	No	This stand is 7 Mile sand and gravel pit.																																																							
26	4310 - Pine, Oak Mix	Sawtimber Well	19.3	80	111-140	N/A	Stand is a mixture of pine and oak. White pine being the dominant overstory followed by Oak. Jack pine and planted Scotch pine along the south end of the stand bordering 7 Mile fd. Scotch pine is also scattered throughout.																																																							
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27	710 - Sand, Soil	Nonstocked	3.6			No	Gravel road accessing into 7 Mile sand and gravel pit.																																																							
30	4124 - Red with White Oak	Sawtimber Well	9.9	104	51-80	N/A	Oak/pine mix. White pine in overstory and understory. Stand was thinned in 1995. Heavy understory of White Oak and White pine. Removed this stand from surrounding stand 29.																																																							
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31	4124 - Red with White Oak	Sapling Well	121.3	7	Immature	N/A	Harvested in 2015 under contract 72-020-14-01. New stand added. Mixed Oak stand with some scattered White pine. Stand was thinned in 1995. Understory is regenerating to Aspen, Oak and Red Maple. MCCC trail traverses through the stand.																																																							
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32	3105 - Mixed Upland Herbaceous	Nonstocked	0.9			No	Small herbaceous opening. May have been a old landing when stand to north was treated.																																																							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
33	42200 - Natural White Pine	Sawtimber Well	5.5	98	201+	N/A	Large diameter pine stand with a mix of white oak and maple.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Pine		65	XLog	18	98	Witch Hazel	
Red Pine		20	Log/XLog	16		Red Maple	
Red Maple		5	Pole	6		Density	
White Oak		10	Log	12		Avg. Height	
						Size	
						Tall Shrub	
						Sapling	
34	4191 - Mixed Upland Deciduous with Conifer	Sapling Medium	28.7	16	1-50	N/A	Lower site quality and stocking than adjacent stands. Maple, cherry, and jack pine.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Jack Pine		30	Sapling	2		Jack Pine	
Black Cherry		25	Sapling	2		Oak (spp.)	
Red Oak		5	Sapling	2		Cherry (spp.)	
White Oak		5	Sapling	2		Density	
Bigtooth Aspen		5	Sapling	2	16	Avg. Height	
Red Maple		30	Sapling	2	16	Size	
						Seeding	
						Tall Shrub	
35	4131 - Aspen, Oak	Sapling Well	3.4	18	1-50	N/A	Young Aspen/Oak stand. Dominated by Aspen. Std was harvested in Aug 2004, under contract 720150401. All of the Oak was left in pole and saw timber size. Featuring understory of Aspen/Oak/Red maple mix.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Bigtooth Aspen		71	Sapling	2	18	Aspen (spp.)	
Red Maple		8	Sapling	2		Oak (spp.)	
White Oak		11	Pole/Sap/Log	7		Density	
Red Oak		10	Pole/Sap/Log	7		Avg. Height	
						Size	
						Seeding	
36	4123 - Red Oak	Sawtimber Medium	2.8	80	81-110	N/A	Retention from stand 8
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Oak		60	Log	14	80	Cherry (spp.)	
White Oak		5	Log	12		Oak (spp.)	
Bigtooth Aspen		5	Log	12		Density	
Red Maple		30	Log	12		Avg. Height	
						Size	
						Tall Shrub	
						Seeding	