



## GRAYLING FOREST MANAGEMENT UNIT COMPARTMENT REVIEW PRESENTATION

COMPARTMENT # 226 ENTRY YEAR: 2014

GIS Compartment Acreage: 1093 County: Crawford

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**Revision Date:** 08/27/2012

**Stand Examiner:** Craig Farrer

**Legal Description:** T25N R03W Section 16, 17 & 18  
East Beaver Creek Township

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

**Soils 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 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 watercourses 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:** Surface sediments consist of ice-contact and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 200 and 600 feet. Beneath the glacial drift is the Michigan Formation which is quarried for gypsum elsewhere in the State. 7 Mile gravel pit is located in Section 16 and potential is thought to be good on the upland areas. 7 Mile gravel pit was leased to the Crawford County Road Commission for the past 2 years, but no mining occurred. The lease recently expired and was not renewed. Most of the compartment is currently leased. The Beaver Creek Field is located three miles to the west. The field has produced over 21 MBO from the Devonian Richfield and over 5 Bcf gas from the Ordovician Prairie du Chien.

**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. r

**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:**

- **The following reports are available:**
  - ◆ **Total Acres by Cover Type and Age Class**
  - ◆ **Proposed Treatment Summaries**
  - ◆ **Dedicated Conservation Area Details**
  - ◆ **Listing of Forested Stands**
  - ◆ **Listing of Non-Forested Stands**
  - ◆ **Proposed Treatments with No Limiting Factor**
  - ◆ **Proposed Treatments with Limiting Factors**
  
- **The following information is displayed, where pertinent, on the attached compartment maps:**
  - ◆ **Base feature information, stand numbers, cover types, recreation trails and facilities**
  - ◆ **Proposed treatments**
  - ◆ **Dedicated & Proposed Special Conservation Areas**

# Cover Type & Treatment Map

Compartment: 226  
 T25N R03W Sec. 8-10, 15-18  
 County: Crawford  
 Unit: Grayling  
 YOY: 2014  
 Acres: 1,093 GIS Calculated  
 Examiner: Craig Farrer  
 Map Revised: 09/06/2012  
 Map Phase: Pre-Review

8 9 10  
 18 17 16 15

Stand #  
 23  
 Stacking  
 Density  
 (4120) - A7  
 Level 3 OI  
 Level 4 Code  
 Cover Type Code

### Legend

- Remonumented Section Corners
- PLSS Corner
- GPS Point
- Miris Corners
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads
- Berms
- Stream
- Intermittent Stream
- Powerline
- Motorcycle (DNR Sticker)
- MCCCT Trail
- Motorcycle Trails (SOS License)
- MCCCT Trails
- Lakes and Rivers
- State Forest Land

### Treatments

- Clearcut (w/Reserves, Patch/Strip)

### Forest Stands

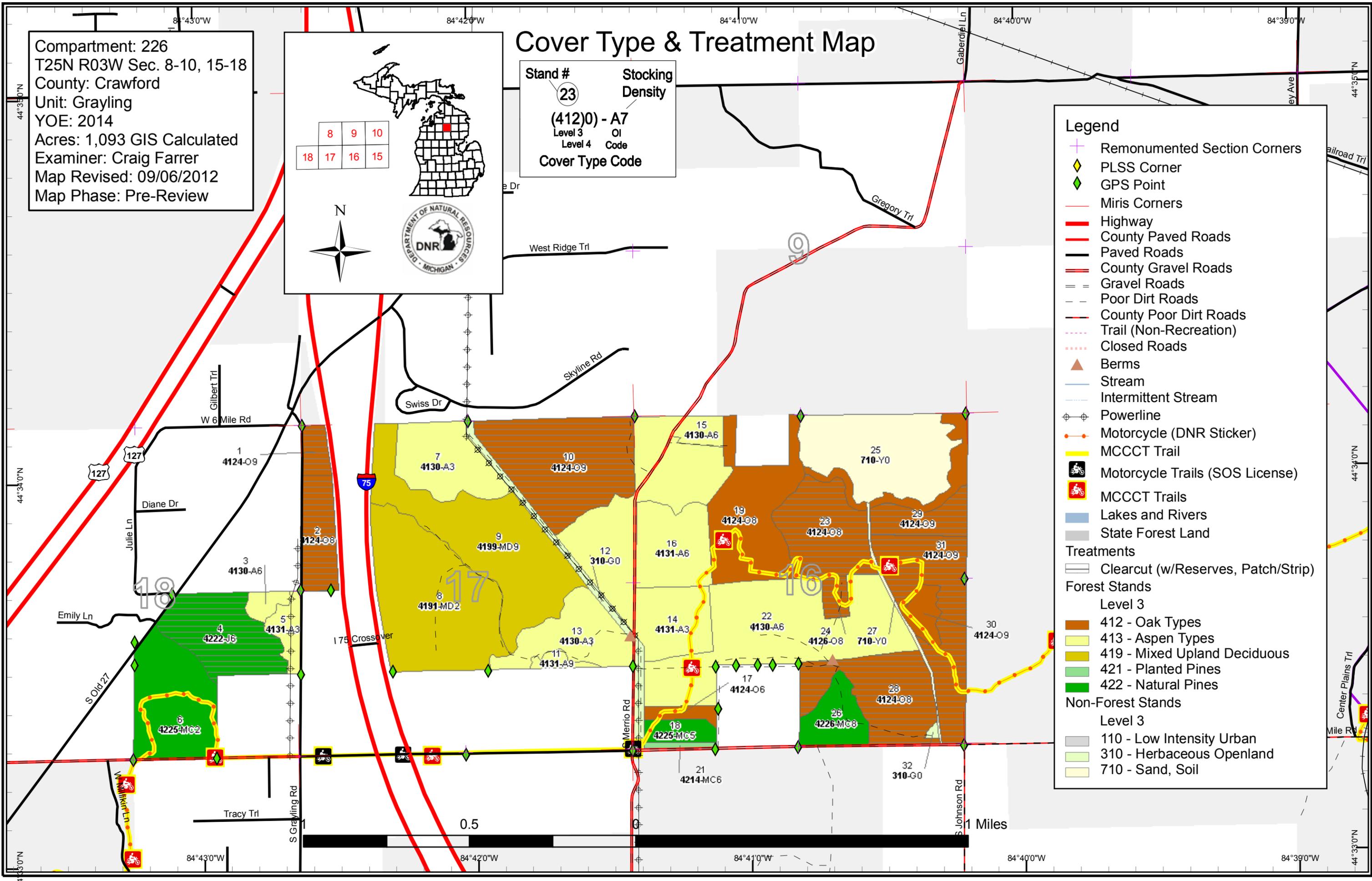
Level 3

- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines

### Non-Forest Stands

Level 3

- 110 - Low Intensity Urban
- 310 - Herbaceous Openland
- 710 - Sand, Soil



# Stand Boundary Map

Compartment: 226  
 T25N R03W Sec. 8-10, 15-18  
 County: Crawford  
 Unit: Grayling  
 YOE: 2014  
 Acres: 1,093 GIS Calculated  
 Examiner: Craig Farrer  
 Map Revised: 09/06/2012  
 Map Phase: Pre-Review

**Stand #**  
 23  
**Stocking Density**  
 (4120) - A7  
 Level 3 OI  
 Level 4 Code  
**Cover Type Code**

### Legend

- + Remonumented Section Corners
- ◆ PLSS Corner
- ◆ GPS Point
- Miris Corners
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads
- ▲ Berms
- Stream
- Intermittent Stream
- ⊕ Powerline
- Motorcycle (DNR Sticker)
- MCCCT Trail
- 🏍 Motorcycle Trails (SOS License)
- 🏍 MCCCT Trails
- Stand Boundaries

### Forest Stands

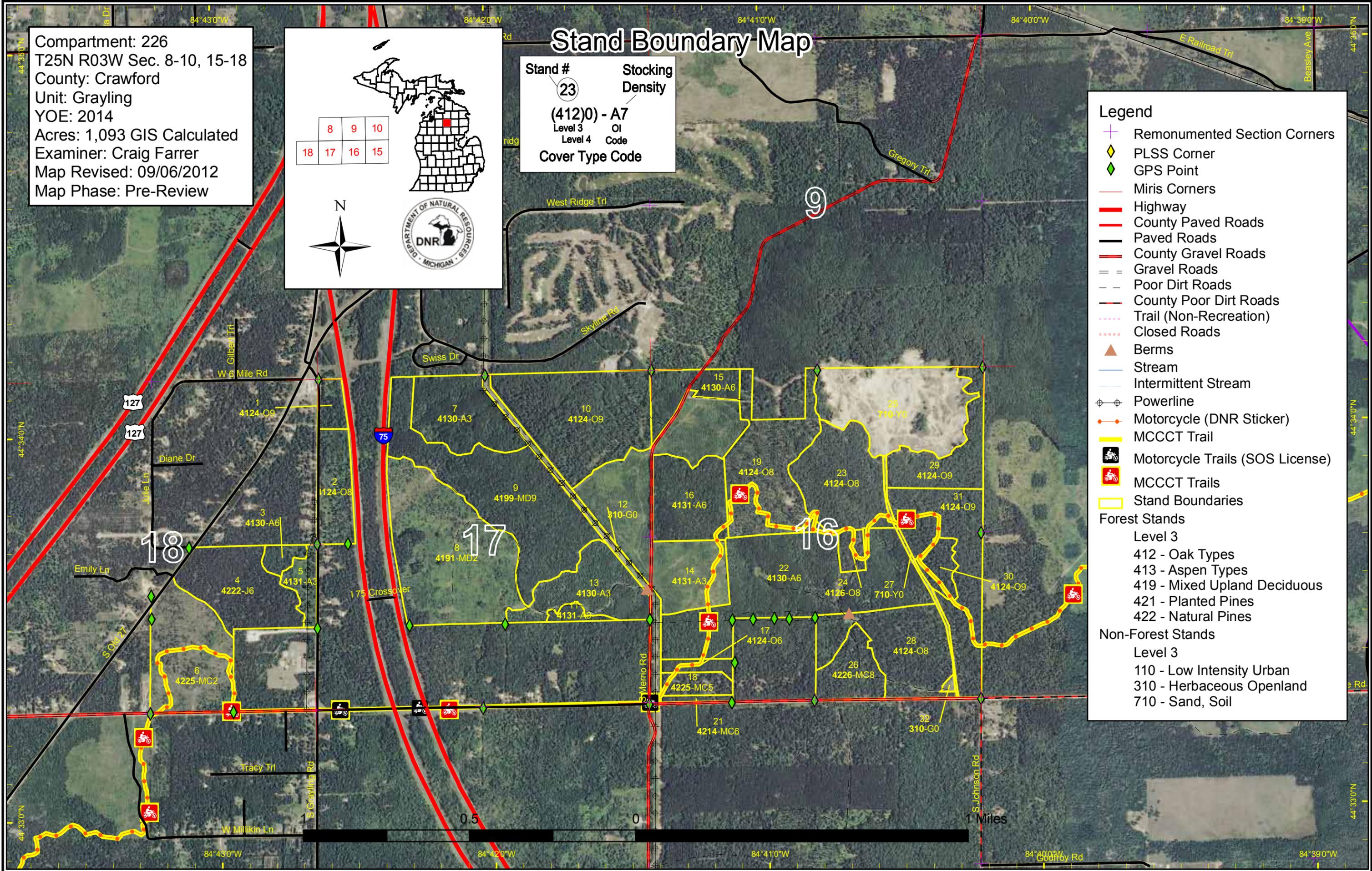
Level 3

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Level 3

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- 710 - Sand, Soil





**Table 1 – Total Acres by Cover Type and Age Class**



	Age Class														Total
	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 +	Uneven Age	
Aspen	100	35	160	6	35	4	0	0	0	0	0	0	0	0	340
Herbaceous Openland	18	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Jack Pine	0	0	0	0	0	43	0	0	0	0	0	0	0	0	43
Mixed Upland Deciduous	91	0	0	0	0	87	0	0	0	0	0	0	0	0	178
Natural Mixed Pines	53	0	0	0	0	0	9	20	0	0	0	0	0	0	82
Oak	0	0	0	0	6	0	23	0	6	327	0	0	0	0	362
Planted Mixed Pines	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3
Sand, Soil	68	0	0	0	0	0	0	0	0	0	0	0	0	0	68
<b>Total</b>	<b>331</b>	<b>35</b>	<b>160</b>	<b>6</b>	<b>41</b>	<b>134</b>	<b>35</b>	<b>20</b>	<b>6</b>	<b>327</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1093</b>



## Table 2 – Proposed Treatment Summaries

**Grayling Mgt. Unit**  
**Year of Entry 2014**

**Compartment 226**  
**Total Compartment Acres: 1093**

### Acres by Treatment Type

Commercial Harvest - 319	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 0	Tree Seeding - 0	Pesticide - 0	

### Cover Type by Harvest Method

		Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
<b>Jack Pine</b>	43	0	0	0	0	0	0	43
<b>Oak</b>	273	0	0	0	0	0	0	273
<b>Planted Mixed Pines</b>	3	0	0	0	0	0	0	3
<b>Total</b>	319	0	0	0	0	0	0	319



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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
1 72226001-Cut	7.8	4124 - Red with White Oak	High Density Log	90	81-110	Harvest	Clearcut	4124 - Red with White Oak	Cmpt. Review Proposal

Prescription Final harvest with reserves. Harvest as a negotiated firewood sale.

Specs:

Other Comments:

Next Steps: Advanced Oak regen established along with other deciduous species. Hope to get more Oak back from stump strouts. Stand will be a mixed Oak/Aspen stand with Red maple too. Regen survey needed.

Proposed Start Date: 10/01/2013

2 72226002-Cut	23.1	4124 - Red with White Oak	Medium Density Log	69	1-50	Harvest	Clearcut	4124 - Red with White Oak	Cmpt. Review Proposal
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Prescription Approximately 20 BA of Oak left after previous cut. A couple of small Jack Pine pockets were uncut last time two. Recommend final harvest of the overstory of Oak and Jack pine. Cut way into Oak through regen. Do not run it over. Treat with stand 1 Harvest as a negotiated firewood sale. Treatment purpose is a release. Protect as much regen as possible.

Other Comments: This stand was harvested last entry under the Beaver Creek Pine Sale 72-015-04-01 20 BA of Oak was left.

Next Steps: Advance regen exists. Looking to get more Oak regen from stump sprouts. Will be a mix of regen. (Oak, Aspen and Red Maple). Regen survey required.

Proposed Start Date: 10/01/2013

4 72226004-Cut	43.0	42220 - Natural Jack Pine	High Density Pole	59		Harvest	Clearcut with Reserves	42121 - Planted Jack Pine, Mixed Deciduous	Cmpt. Review Proposal
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Prescription Recommend final harvest with reserves. Leave 2 to 3 retention island within the stand to meet retention guidelines and visual management for Old -27.

Other Comments:

Next Steps: Trench and replant to Jack Pine. Stand will be Jack pine with a mix of Oak. Regen survey needed.

Proposed Start Date: 10/01/2013

10 72226010-Cut	72.7	4124 - Red with White Oak	High Density Log	98	51-80	Harvest	Clearcut with Reserves	4124 - Red with White Oak	Cmpt. Review Proposal
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Prescription Final harvest with reserves. Leave 4 or more retention islands within the stand. Cut regen into the oak, do not run over. Protect as much as possible of it.

Other Comments: Specify equipment and skid paths to minimize damage to regen. This is an overstory removal

Next Steps: Advanced regen is established in Oak, Aspen and Red maple. Looking to expand Oak regen from stump sprouts. Will accept a mix of Aspen, Oak and Red maple

Proposed Start Date: 10/01/2013



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
21	72226021-Cut	2.6	42140 - Planted Mixed Pine	High Density Pole	69		Harvest	Clearcut	42140 - Planted Mixed Pine	Cmpt. Review Proposal
<p><u>Prescription</u> Final harvest with no retention. Cut will remove remaining, planted Scotch pine, along with Jack and White pine.</p> <p><u>Specs:</u></p> <p><u>Other Comments:</u></p> <p><u>Next Steps:</u> Let stand regenerate naturally. Will be White pine, Oak and Jack pine mixed with some deciduous species such as Oak. Eradicate Scotch pine within stand.</p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
23	72226023-Cut	42.1	4124 - Red with White Oak	Medium Density Log	94	81-110	Harvest	Clearcut with Reserves	4124 - Red with White Oak	Cmpt. Review Proposal
<p><u>Prescription</u> Recommend Clearcut with reserves. Leave all Red and White pine super canopy. Cut way through understory White pine to get Oak. Do not run over understory regen that exists. Protect as much as possible too. Leave standard retention.</p> <p><u>Specs:</u></p> <p><u>Other Comments:</u></p> <p><u>Next Steps:</u> Looking to get stump sprout regen from oak. Stand will be a pine Oak stand or Oak pine stand. Needed a regen survey.</p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
24	72226024-Cut	6.0	4126 - White, Black, N. Pin Oak	Medium Density Log	89	81-110	Harvest	Clearcut	4126 - White, Black, N. Pin Oak	Cmpt. Review Proposal
<p><u>Prescription</u> Final harvest with no retention. Protect MCCC trail and leave trees with trail markers.</p> <p><u>Specs:</u></p> <p><u>Other Comments:</u></p> <p><u>Next Steps:</u> Should get a mix of Oak, White pine and Aspen regen. Need a regen survey.</p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
28	72226028-Cut	48.1	4124 - Red with White Oak	Medium Density Log	94	51-80	Harvest	Clearcut	4124 - Red with White Oak	Cmpt. Review Proposal
<p><u>Prescription</u> Recommend final harvest. Remove the overstory and release the advanced regen. Regen consists of Aspen, Red maple and Oak with some scattered White pine. Cut advance regen, do not run over it. Protect all regen as much as possible. Leave islands or standard retention for visual</p> <p><u>Specs:</u></p> <p><u>Other Comments:</u></p> <p><u>Next Steps:</u> Looking to get more Oak regen from Oak stump sprouts. Stand is a deciduous mix already. Check stump sprouting in regen survey.</p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
29	72226029-Cut	17.6	4124 - Red with White Oak	High Density Log	95	111-140	Harvest	Clearcut with Reserves	4124 - Red with White Oak	Cmpt. Review Proposal
<p><u>Prescription</u> Recommend Clearcut with reserves. Leave 3 Retention islands within stand. Do not cut Aspen within stand. leave for snag purposes.</p> <p><u>Specs:</u></p> <p><u>Other Comments:</u></p> <p><u>Next Steps:</u> Looking for Oak regen, but will except a mix of Oak and red maple. and some aspen. Need a regen survey.</p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										

**Table 3 -- Treatments Prescribed  
with No Limiting Factor**



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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
31 72226031-Cut	56.0	4124 - Red with White Oak	High Density Log	94	51-80	Harvest	Clearcut with Reserves	4124 - Red with White Oak	Cmpt. Review Proposal

Prescription Recommend final harvest with 3 or 4 retention islands. Cut way through advanced regen to remove Oak. Protect as much advanced regen as possible.  
Specs:

Other  
Comments:

Next Looking to get more Oak regen. Advanced regen already exists.  
Steps:

Proposed  
Start Date: 10/01/2013

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**Total Treatment  
Acreage Proposed: 319.0**

Table 4 -- Treatments Prescribed with a Limiting Factor



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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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#Error

Prescription  
Specs:

Other  
Comment:

Next  
Steps:

Proposed  
Start Date: #Error

Limiting Factor and No  
Treatment Reason

**Total Treatment  
Acreage Proposed: 0**

**Out of YOE -- Treatments  
Prescribed with No Limiting Factor**

Year of Entry: 2014



Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
<b>72269_OYOE_cc</b>	2.0					Harvest	Clearcut	4131 - Aspen, Oak	Cmpt. Review Proposal
<u>Prescription Specs:</u> Final harvest except leave any beech, ash, and conifers. No additional retention specified due to small stand size and the proximity of retention in comp 268 stand 28. Set up concurrent with compt 268 (2014 YOE) stand 28.									
<u>Other Comments:</u>									
<u>Next Steps:</u> Natural regen survey. Natural regen goal is a mixture of aspen, oak and hardwoods.									
<u>Proposed Start Date:</u> 10/01/2013									
<b>72272_OYOE_ccr</b>	5.6					Harvest	Clearcut	42120 - Planted Jack Pine	Cmpt. Review Proposal
<u>Prescription Specs:</u> Final harvest except leave the RP & WP. No additional retention due to small stand size. Run the north & west boundary to include the operable transition ground (where the densest black spruce cover is) down to the swamp. Cut all JP & Scotch pine stems regardless of merchantability. Harvest concurrent with the adjacent comp 268 stand 6 (aquired through the same land transaction). When harvesting this stand's planted SP, site a secondary landing immediately adjacent to the plantation so that Scotch pine doesn't get dragged through the general stand area, distributing its weed seed. Add hare habitat improvement spec to fell the red-painted boundary line trees bordering the swamp.									
<u>Other Comments:</u> Protect the survey monument and any witness trees associated with the north quarter corner of section 22. Borders the Lovells KW Unit, Management Block 56.									
<u>Next Steps:</u> Trench and plant JP to KW specs. May need site prep treatments (that could include burning, herbicide, etc.) to control scotch pine regen before planting. Artificial regen surveys. Acceptable regen is JP at stockings suitable for KW habitat, with minor components of naturally-established mixed deciduous and native conifer species.									
<u>Proposed Start Date:</u> 10/01/2013									
<b>72289_OYOE_cc</b>	6.7					Harvest	Clearcut	42120 - Planted Jack Pine	Cmpt. Review Proposal
<u>Prescription Specs:</u> Final harvest, leaving any RP, WP and white oak. No additional retention due to small stand size. Treat concurrent with the adjacent comp 290 stand 26.									
<u>Other Comments:</u> Protect the survey monument and witness trees associated with the quarter corner common to sections 26 & 27.									
<u>Next Steps:</u> Trench and plant JP to KW specs. Artificial regen surveys. Acceptable regen is JP at stockings suitable for KW habitat, along with naturally-established oak and pine.									
<u>Proposed Start Date:</u> 10/01/2013									

**Total Treatment  
Acreage Proposed: 14.3**



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4124 - Red with White Oak	High Density Log	7.8	90	81-110	New stand added. Oak/Aspen stand on corner of South Grayling Rd and Old 27 and east side borders I-75. Stand was left for visual management. There is a planted strip of Jack pine on the west side of stand.
2	4124 - Red with White Oak	Medium Density Log	23.1	69	1-50	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.
3	4130 - Aspen	High Density Pole	5.6	33	51-80	Small stand of Aspen pole timber. North end of std borders private.
4	42220 - Natural Jack Pine	High Density Pole	43.0	59		Mture Jack pine stand with some scattered Oak within stand. North west side borders Old 27 and the south side borders Beaver Creek Township property.
5	4131 - Aspen, Oak	High Density Sapling	9.9	8	1-50	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. Powerline disects stand from north to south. East side of sstd borders South Grayling Rd. North and South side of std borders private. Oak is part of visual mgt.
6	42250 - Pine, Oak	Medium Density	53.3	8		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.
7	4130 - Aspen	High Density Sapling	37.3	26		New stand added. Aspen stand mixed with Oak and Red maple. Scattered pine within stdd too. North side bordders private. East side powerline. Sapliing/ pole size.
8	4191 - Mixed Upland Deciduous with Conifer	Medium Density	91.3	6		Std is a mix of Aspen/Oak/Red maple and Jack pine regen. not full stocked in some areas. This std was a combination of several stds that are regenerating naturally to what they were before as well as a mix of other spieces that should be acceptable. Two pockets of Jack pine with some Oak were left for visual mgt in the west along I-75. South side of std borders private.
9	4199 - Other Mixed Upland Deciduous	High Density Log	86.5	56	111-140	Oak and Aspen stand mixed with some Red Maple. Oak is sawlog size and Aspen is pole size to some logs. East side borders powerline.
10	4124 - Red with White Oak	High Density Log	72.7	98	51-80	Stand of mixed Oak. Stand was shelterwood cut in 1997. Heavy understory of Aspen, Red maple and Oak. North end of stand borders private. West side borders powerline.
11	4131 - Aspen, Oak	High Density Log	4.0	56	81-110	Small Aspen Oak stand bordering private to the south. Aspen is mature as well as the Oak. Stand was possibly left for visual management.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
13	4130 - Aspen	High Density Sapling	34.8	15		Young Aspen stand mixed with other deciduous species. (Red maple). South east part of stand starting to reach small poles. South side of std borders private.
14	4131 - Aspen, Oak	High Density Sapling	90.3	6		Immature Aspen stand mixed with Red maple and Oak. Final harvested in 2006 under contract 720450401.
15	4130 - Aspen	High Density Pole	19.1	26		Young Aspen pole stand mixed with other deciduous species (Red maple/Oak). North side of std borders private. Aspen site index of 60.
16	4131 - Aspen, Oak	High Density Pole	35.1	46	141-170	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.
17	4124 - Red with White Oak	High Density Pole	5.8	46	81-110	Young Oak pole timber stand. East side borders private.
18	42250 - Pine, Oak	Medium Density Pole	9.3	69	1-50	Open grass areas. White pine mixed with Oak. White pine and Oak is 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.
19	4124 - Red with White Oak	Medium Density Log	57.4	99	51-80	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.
21	42140 - Planted Mixed Pine	High Density Pole	2.6	69		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.
22	4130 - Aspen	High Density Pole	103.6	26	51-80	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.
23	4124 - Red with White Oak	Medium Density Log	46.0	94	81-110	Oak/Pine stand. Dominantly Oak stand with scattered White and Red Pine throughout. Some Red and White pine in overstory and some in the intermediate crown. Heavy White pine understory. MCCC trail traverses through the south west portion of the stand. East side of stand borders road into 7 Mile Gravel pit. North end of stand borders 7 Mile gravel pit.
24	4126 - White, Black, N. Pin Oak	Medium Density Log	6.0	89	81-110	New stand added. Quality of Oak is lower with scattered White pine. MCCC trail traverses through the stand.
26	42260 - Natural Pine, Mixed Deciduous	Medium Density Log	19.8	70	111-140	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 std and bordering 7 Mile fd.

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## Grayling Mgt. Unit

## 5 – Forested Stands

Compartment: 226  
Year of Entry: 2014

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
<b>28</b>	4124 - Red with White Oak	Medium Density Log	48.1	94	51-80	Std is Oak/Aspen Dominant Oak overstory with an Aspen understory. Some scattered White pine and Aspen in overstory. Stand was thinned in 1995. Stand is two aged as a result. Pockets of Aspen sapling/poles where there is less BA in Oak. Some Oak regen scattered throughout the stand.
<b>29</b>	4124 - Red with White Oak	High Density Log	29.3	95	111-140	New stand added. Oak stand mixed with some Aspen, Pine and Red maple. North side of stand borders 7 Mile Pit. West side of stand borders road into 7 Mile pit.
<b>30</b>	4124 - Red with White Oak	High Density Log	9.5	94	51-80	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.
<b>31</b>	4124 - Red with White Oak	High Density Log	56.0	94	51-80	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.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
12	3105 - Mixed Upland Herbaceous	16.8	No	Unspecified	Powerline Right of Way. It is regularly mowed from time to time to keep woody vegetation from growing in.
25	710 - Sand, Soil	64.6	No	Unspecified	This stand is 7 Mile sand and gravel pit.
27	710 - Sand, Soil	3.7	No	Unspecified	Gravel road accessing into 7 Mile sand and gravel pit.
32	3105 - Mixed Upland Herbaceous	0.9	No	Unspecified	Small herbacious opening. May have been a old landing when stand to north was treated.



**7 – 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.

Stand	SCA Type	SCA Name	Acres	Comments



### 8 – DEDICATED CONSERVATION AREA DETAILS

\* This is a list of Dedicated Biodiversity Areas for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to Dedicated Conservation Area Map for areas that the below listed Conservation Areas are located.

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

Conservation Area	Type	Description
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