



Compartment Review Presentation

Grayling Forest Management Unit

Compartment 225

Entry Year 2015

Acreage: 966

County Crawford

Management Area: Ausable Outwash

Revision Date: 06/25/2013

Stand Examiner: Thomas Barnes

Legal Description:

T25N, R3W Sections 7, 8 and 9.

Identified Planning Goals:

The primary management objective is to maintain stands within this compartment for species and structural diversity, health, productivity and sustainability while managing for multiple use and visual management.

Soil and topography:

The topography within this compartment is primarily flat along its very north edge and becomes rolling, hilly terrain throughout the rest of the compartment. The soils within this compartment include Grayling, Graycalm, Graycalm-Grayling, Graycalm-Klacking complex Sands and Klacking Loamy Sands.

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

State ownership within this compartment consists of three large, contiguous blocks and one small block of land bisected by US-27 and I-75 right-of-ways. Much of the state land in this area is also bordered by permanent and seasonal residences. Two major highways traverse through this compartment (US-127 and I-75) creating a heavy travel influence zone.

Unique Natural Features:

This compartment contains or has the potential to contain the following threatened or endangered plants and animals: Hill's Thistle, Rough fescue, Alleghany Plum, Grizzled skipper, Dusted skipper and the Red legged Spittle bug.

Archeological, Historical, and Cultural Features:

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

Special Management Designations or Considerations:

Visual management along the I-75 and US-127 corridors is a primary consideration.

Watershed and Fisheries Considerations:

None

Wildlife Habitat Considerations:

Maintain habitat for deer, grouse, bear and wild turkey.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of ice-contact and glacial outwash sand and gravel and postglacial alluvium. Glacial drift thickness varies between 400 and 600 feet. Beneath the glacial drift is the Michigan Formation, which is quarried for gypsum elsewhere in the State. A gravel pit is located in Section 16 and its potential is thought to be good on the upland areas. Section 7 is leased for oil and gas. The nearest production is Beaver Creek Field, located five miles to the southwest. The field has produced over 21 MBO from the Devonian Richfield and over 5 Bcf gas from the Ordovician Prairie du Chien. Quicksilver is currently drilling new wells in the Detroit River 3 Zone. One or two of these wells may be drilled within the compartment.

Vehicle Access:

County roads of Old US-127, Oak Road, 5 Mile Road, Skyline Road and Merrio Road are the primary access roads for the compartment. There are several two track roads that leave these primary access roads into portions of the compartment. 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:

Recreational Facilities and Opportunities:

There are many dispersed recreational opportunities in this compartment including hunting, mushrooming and bird watching.

Fire Protection:

This compartment falls within the protection area of the Grayling DNR Forest Management Unit and the Beaver Creek Volunteer Fire Department. The water supply for fire suppression effort is provided by the Beaver Creek Volunteer Fire Department which has several dry hydrants in the surrounding area. The fire department is also located only one mile from the south side of the compartment.

Additional Compartment Information:

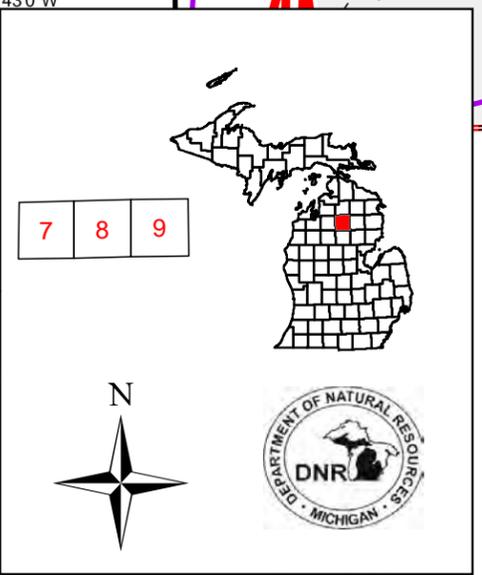
The following reports from the Inventory are attached:

- 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**

Compartment: 225
 T25N R03W Sec. 07, 08, 09
 County: Crawford
 Unit: Grayling
 YOE: 2015
 Acres: 966 GIS Calculated
 Examiner: Thomas Barnes
 Map Revised: 09/04/2013
 Map Phase: Pre-Review

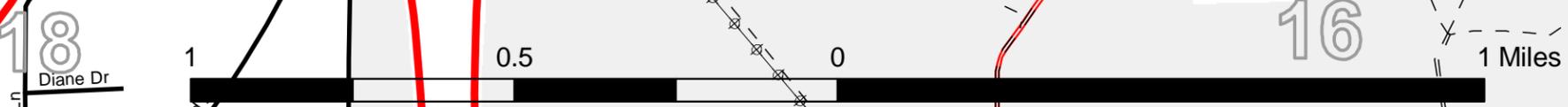
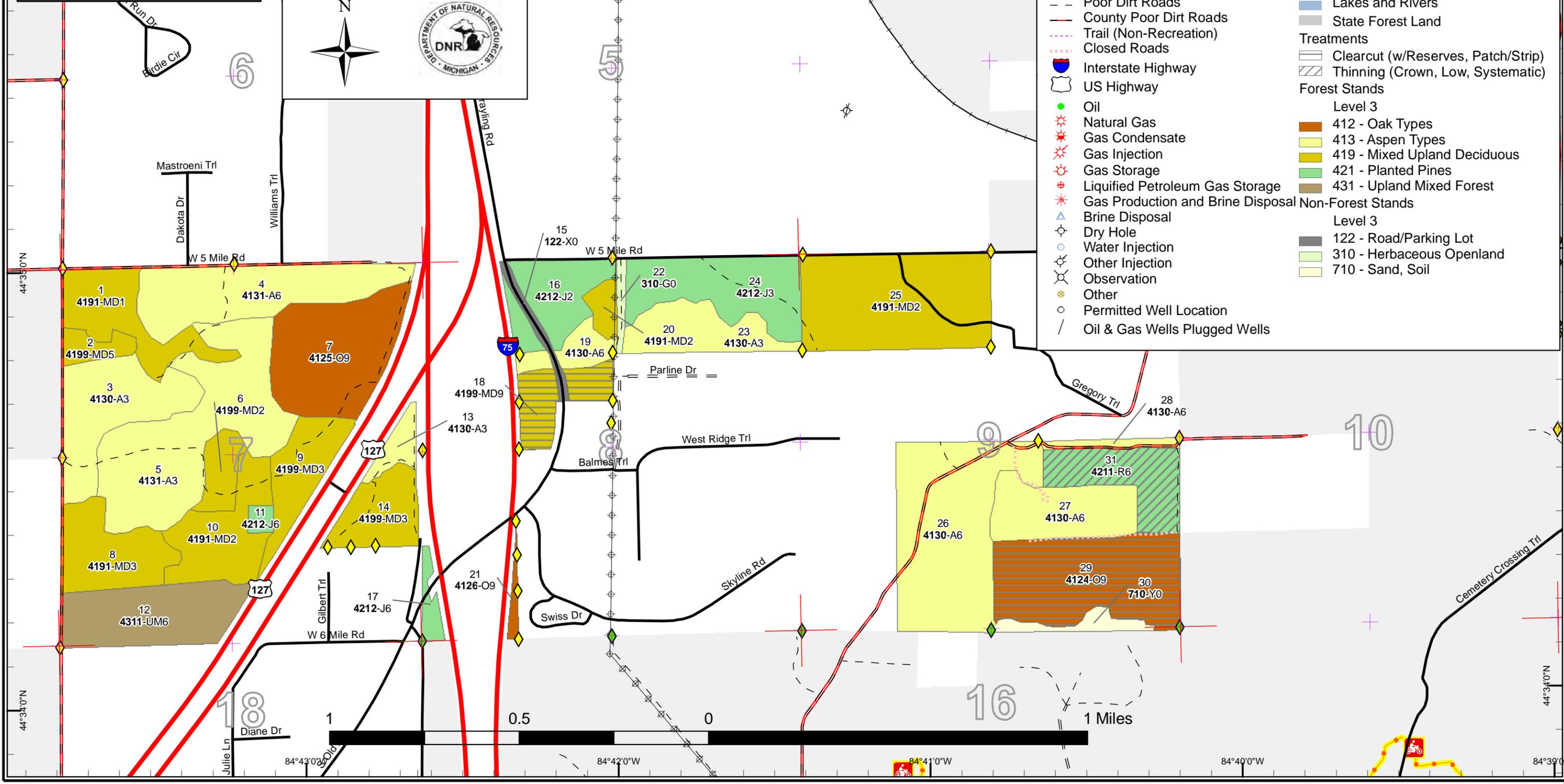


Cover Type & Treatment Map

Stand #
 23
(412)0 - A7
 Level 3 OI
 Level 4 Code
Cover Type Code

Legend

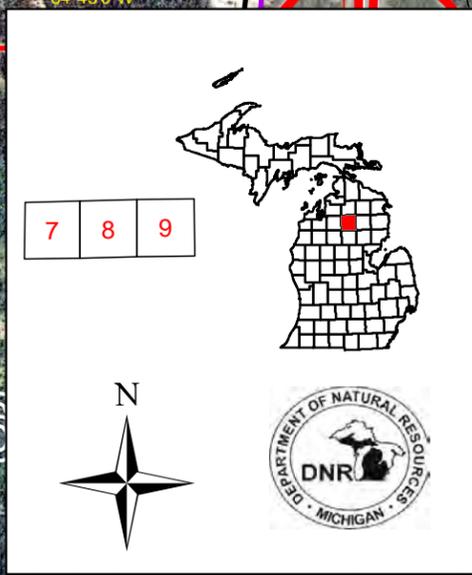
- PLSS Corner
- GPS Point
- Remonumented Section Corners
- Miris Corners
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads
- Interstate Highway
- US Highway
- Oil
- Natural Gas
- Gas Condensate
- Gas Injection
- Gas Storage
- Liquefied Petroleum Gas Storage
- Gas Production and Brine Disposal
- Brine Disposal
- Dry Hole
- Water Injection
- Other Injection
- Observation
- Other
- Permitted Well Location
- Oil & Gas Wells Plugged Wells
- State Forest Campgrounds
- Powerline
- MCCCT Trail
- Motorcycle (DNR Sticker)
- Motorcycle Trails (DNR License)
- MCCCT Trails
- Stream
- Intermittent Stream
- Lakes and Rivers
- State Forest Land
- Treatments**
- Clearcut (w/Reserves, Patch/Strip)
- Thinning (Crown, Low, Systematic)
- Forest Stands**
- Level 3**
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 431 - Upland Mixed Forest
- Non-Forest Stands**
- Level 3**
- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 710 - Sand, Soil



44°35'0"N 84°43'0"W 84°42'0"W 84°41'0"W 84°40'0"W 44°34'0"N 44°33'0"N

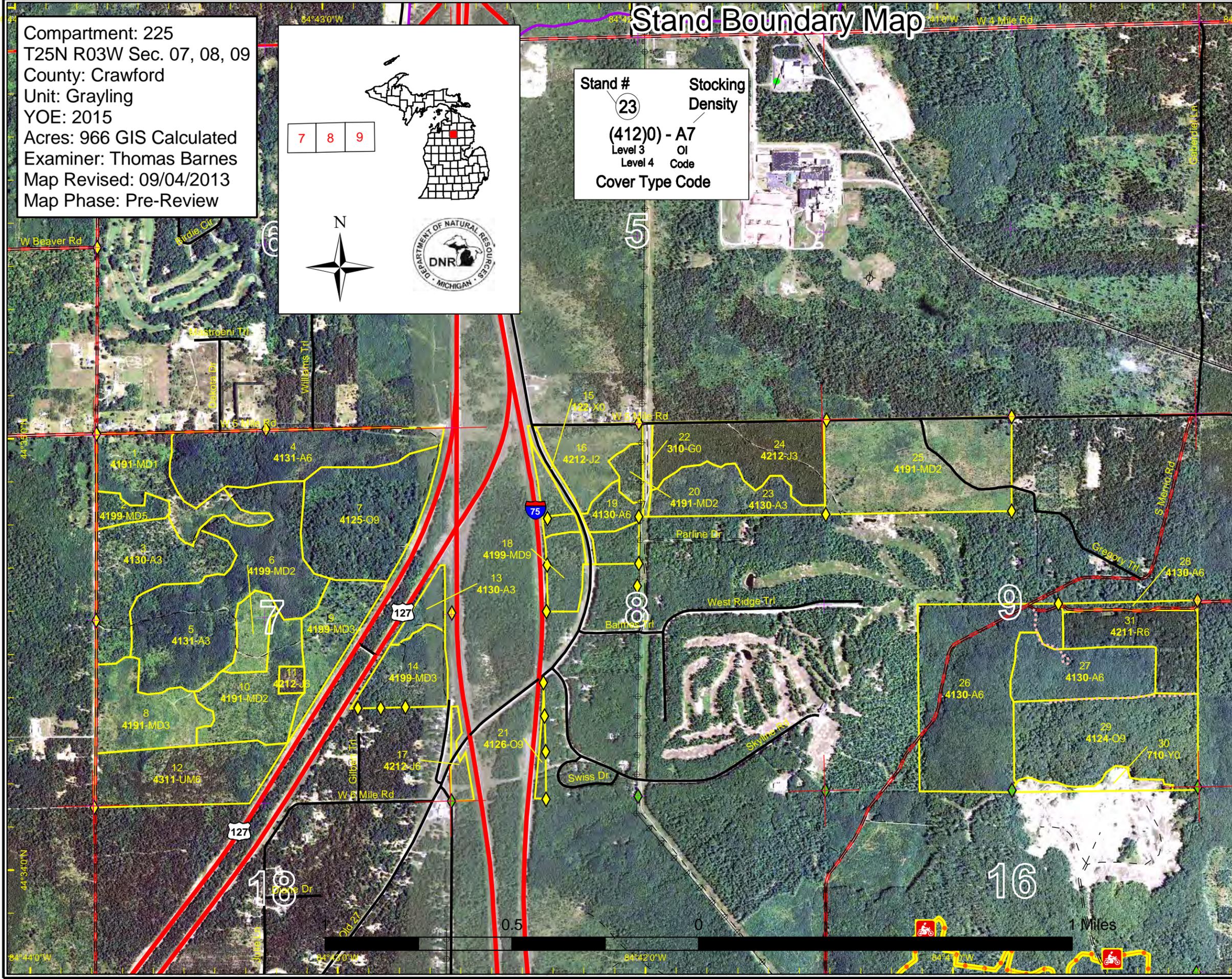
Stand Boundary Map

Compartment: 225
 T25N R03W Sec. 07, 08, 09
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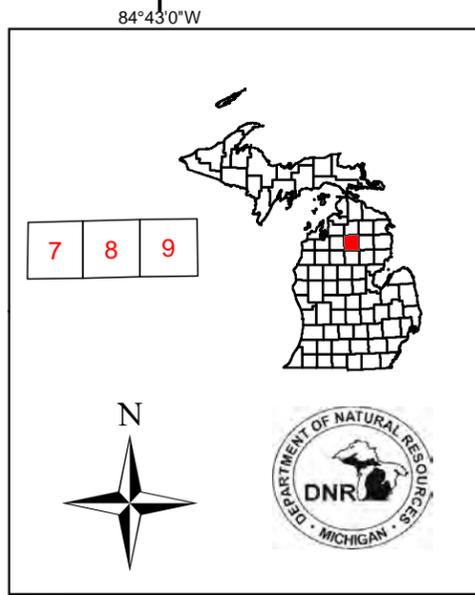


Stand #
 23
(412)0 - A7
 Level 3 OI
 Level 4 Code
Cover Type Code

- ### Legend
- PLSS Corner
 - GPS Point
 - Remonumented Section Corners
 - 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
 - Interstate Highway
 - US Highway
 - Oil
 - Natural Gas
 - Gas Condensate
 - Gas Injection
 - Gas Storage
 - Liquefied Petroleum Gas Storage
 - Gas Production and Brine Disposal
 - Brine Disposal
 - Dry Hole
 - Water Injection
 - Other Injection
 - Observation
 - Other
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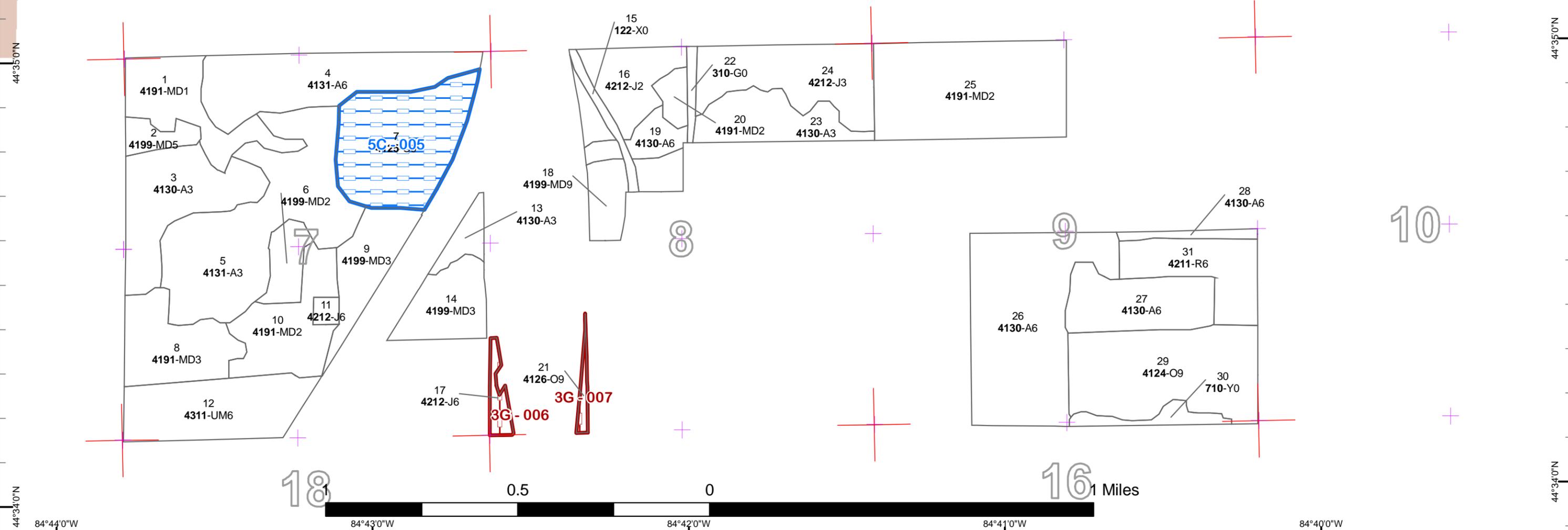


Special Conservation Areas & Site Conditions Map

Stand #
 23
Stocking Density
 (412)0 - A7
 Level 3 OI
 Level 4 Code
Cover Type Code

Legend

- Remonumented Section Corners
- Miris Corners
- Stand Boundaries
- Site Condition Available
- Available w/ Constraints (Factor - Number)
- Unavailable (Factor - Number)
- Site Condition Type
- Available Factors W/ Constraints
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable Factors
- 3G: Other Influence zones - See comments
- Dedicated Special Conservation Areas
- Research, Development, and Military Lands



Report 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	8	47	154	0	164	0	0	0	0	0	0	0	0	0	372
Herbaceous Openland	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Jack Pine	29	0	46	0	3	0	0	6	0	0	0	0	0	0	84
Mixed Upland Deciduous	186	35	31	8	0	0	0	0	20	0	0	0	0	0	281
Oak	0	0	0	0	0	0	0	0	73	60	0	0	0	0	133
Red Pine	0	0	0	0	0	32	0	0	0	0	0	0	0	0	32
Sand, Soil	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Upland Mixed Forest	0	0	46	0	0	0	0	0	0	0	0	0	0	0	46
Urban	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Total	241	82	277	8	167	32	0	6	93	60	0	0	0	0	966



Report 2 – Proposed Treatment Summaries

Grayling Mgt. Unit
Year of Entry 2015

Compartment 225
Total Compartment Acres: 966

Acres by Treatment Type

Commercial Harvest - 122 Tree Planting - 0 Other - 0
 Habitat Cut - 0 Opening Maintenance - 0

Cover Type by Harvest Method

		Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Mixed Upland Deciduous	20	0	0	0	0	0	0	20
Oak Types	70	0	0	0	0	0	0	70
Planted Pines	0	0	0	0	32	0	0	32
Total	90	0	0	0	32	0	0	122



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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
18 72225018-Cut	20.0	4199 - Other Mixed Upland Deciduous	High Density Log	85	111-140	Harvest	Clearcut with Reserves	4121 - Oak, Aspen	Cmpt. Review Proposal

Prescription Remove all species, follow standard retention guidelines. Retention will be left on the west portion of stand, east portion will not have any retention. Follow standard Woody Biomass guidelines.

Other Comments:

Next Steps: Monitor regeneration during the next inventory cycle. Acceptable regeneration is a moderate to fully stocked stand of maple, oak and aspen.

Proposed Start Date: 10/01/2014

29 72225029-Cut	70.3	4124 - Red with White Oak	High Density Log	84	81-110	Harvest	Clearcut with Reserves	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
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Prescription Clearcut with reserves follow standard retention guidelines. Focus some of the retention around areas with high white pine density. Leave no more than 1/6 of tops for woody biomass chip everything else. Leave all white oak. Leave a narrow strip of trees along the Southern edge.

Other Comments: Strip left along the southern edge should help reduce the potential of ORV's either entering this stand from the gravel pit or ORV's entering pit from the stand.

Next Steps: Monitor success of regeneration during next treatment period. Acceptable regeneration is mix of oak, aspen, maple and conifer in moderate to fully stocked stand.

Proposed Start Date: 10/01/2014

31 72225031-Cut	31.8	42110 - Planted Red Pine	High Density Pole	56	141-170	Harvest	Crown Thinning		Cmpt. Review Proposal
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Prescription Thin stand to 120 sqft of BA.

Other Comments:

Next Steps: Monitor stands response to the thinning.

Proposed Start Date: 10/01/2014

Total Treatment Acreage Proposed: 122.1



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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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#Type! #Type!

Prescription
Specs:

Other
Comment:

Next
Steps:

Proposed
Start Date: #Type!

Limiting Factor

Total Treatment
Acreage Proposed: 0.0

Report 5 – Site Conditions

Grayling Mgt. Unit

Thomas Barnes : Examiner

Compartment 225

Year of Entry 2015

Availability for Management

Total Acres	Acres			Dominant Site Conditions		
	Available	Not Available		No	5C	3G
372	372		Aspen	372		
84	79	6	Jack Pine	79		6
281	281		Mixed Upland Deciduous	281		
133	130	3	Oak	70	60	3
32	32		Red Pine	32		
46	46		Upland Mixed Forest	46		
949	940	8	Total Forested Acres	880	60	8
	99%	1%	Relative Percent			

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
005	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	60				
Comments: This area has received numerous treatments during the last couple of treatment cycles. Stand provides a good structure diversity.							
006	Not Available	3G: Other Influence zones - See comments	6				
Comments: Parcel is between I-75 ROW and private, small parcel, not commercially viable. Recommend for disposal.							
007	Not Available	3G: Other Influence zones - See comments	3	2B: Unknown if access through adjacent landowner(s) is possible			
Comments: This parcel of land is a wedge between I-75 ROW and private lands, Parcel is very small in size. Recommend disposing of stand.							



Report 6 – 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 7 – 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
SCA	Archaeological Site	An aquatic or terrestrial area of the State that contains physical remains of human occupation. These are sites of cultural and historical significance that may occur upon terrestrial areas and Great Lakes bottomlands. They include thousands of Native American settlements and burial sites, as well as French and British outposts, nineteenth century logging camps, mines and homesteads. Beneath the waters of the Great Lakes, there are shipwrecks and other remains documenting the maritime trade. Such sites may be identified by Natural heritage data from the State Historic Preservation Office. Proposed treatments in this compartment will be implemented in such a manner as to maintain the integrity of these sites. Due to the sensitive nature of this information, no further detail about location is available.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4191 - Mixed Upland Deciduous with Conifer	Low Density Sapling	33.3	6		Open stand of mixed upland species. Areas were harvested in 2006 used those records for stand age. Stand does not have significant amounts of larger trees to warrant BA, this stand is coming out of Non-Forested to Forested classification. Stand is primarily PARVHa/PArVVb, along north boundary PARVVb and a small chunk along west line is PARVHa. Ground vegetation would not be listed due to snow.
2	4199 - Other Mixed Upland Deciduous	Medium Density Pole	8.3	38		Stand is open with primarily pole size stem, few log trees scattered. Mixed hwd and conifer. Timber sale 72-041-05-01, Fox Run South. Cut by Chris Muma Forest Products in 2006.. Stand is half PARVHa/PArVVb and PARVHa. Ground vegetation would not be listed due to snow.
3	4130 - Aspen	High Density Sapling	46.5	16		Young aspen stand with oak and maple, nice looking stand. Stand cut in 96/97, left oak and pine 6 inches DBH and smaller and buffer part of stand along Oak Rd. Stand is primarily PARVHa/PArVVb, there are two small areas one is PVCd and the other is PVCd/PArVHa of stand that is PARVVb. Ground vegetation would not be listed due to snow.
4	4131 - Aspen, Oak	High Density Pole	57.6	42		Mixed aspen with oak and other assorted species. pole size with log and sap stem poor to medium quality. western portion a bit larger in dbh and better quality. Stand is primarily PARVHa/PArVVb, along the north boundary it is PARVVb. Ground vegetation would not be listed due to snow.
5	4131 - Aspen, Oak	High Density Sapling	90.4	25		Nice sapling sized stand with good stem densities. Remnant pole to small log sized trees scattered about CLEARCUT IN 6/87-SALE #036-86-1. Stand is primarily PARVHa/PArVVb, there is a small portion of stand that is PARVVb. Ground vegetation would not be listed due to snow.
6	4199 - Other Mixed Upland Deciduous	Medium Density	12.3	6		Timber sale 72-041-05-01, Fox Run South. Cut by Chris Muma Forest Products in 2006. Stand is regenerating to nice stand of oak, maple Stand is primarily PARVHa/PArVVb. Ground vegetation would not be listed due to snow.
7	4125 - Black, N. Pin Oak	High Density Log	60.0	95	81-110	Mature oak stand of fair to good quality oak. Understory is a nice mixture of oak and maple regen. Six BZ swings were taken ba vor oak 80 , maple 10. Stand has a nice large pole small sawlog size class. Stand is primarily PARVHa/PArVVb, there are small portions of the stand that are PARVVb and PVCd/PArVHa. Ground vegetation would not be listed due to snow.
8	4191 - Mixed Upland Deciduous with Conifer	High Density Sapling	34.3	6		Timber sale 72-041-05-01, Fox Run South. Cut by Chris Muma Forest Products in 2006. The stand is naturally regenerating to a vigorous stand of jpine, oak, aspen and other associated species. There are pole/log sized red pine and oak left. Stand is primarily PARVHa/PArVVb, there are portions along the west and south boundary that are PVCd. Ground vegetation would not be listed due to snow.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
9	4199 - Other Mixed Upland Deciduous	High Density Sapling	25.6	6		Timber sale 72-041-05-01, Fox Run South. Cut by Chris Muma Forest Products in 2006. The north part of the stand has 10 to 20 square feet of oak left to provide for any visual concerns along I-75. The stand is naturally regenerating to a vigorous stand of oak, maple, cherry and aspen. Stand is primarily PARVHa/PArVVb, there is a small portion of stand that is PArVVb. Ground vegetation would not be listed due to snow.
10	4191 - Mixed Upland Deciduous with Conifer	Medium Density	35.3	13		CUT IN 1999, LEFT THE OAK UNDER 5 INCHES, CONTRACT #024-99-02, APPLEJACK & OAK II. Stand is primarily PARVHa/PArVVb, the south boundary of stand is PVCd. Ground vegetation would not be listed due to snow.
11	42120 - Planted Jack Pine	High Density Pole	3.1	44		Jack pine stand very small. Kettle depression, storm damage to stand. Understory is primarily oak. Stand is entirely PArVVb. Ground vegetation would not be listed due to snow.
12	4311 - Pine, Aspen Mix	High Density Pole	46.3	25		Stand is a mixture of aspen and j pine. There is some oak, cherry, red maple and r pine mixed in as well. Stand is pole sapling in size. Stand was cut in 1987. Stand is primarily PVCd, there is a small portion of stand that is PARVHa/PArVVb. Ground vegetation would not be listed due to snow.
13	4130 - Aspen	High Density Sapling	8.0	6		Timber sale 72-041-05-01, Fox Run South. Cut by Chris Muma Forest Products in 2006. The stand is naturally regenerating to a vigorous stand of aspen. Stand is primarily PARVHa/PArVVb, there is a small portion of the northern tip is PVCd/PArVHa. Ground vegetation would not be listed due to snow.
14	4199 - Other Mixed Upland Deciduous	High Density Sapling	24.7	25		Stand is a mixture of oak and aspen with maple cherry and conifers as well. Cut in the winter of 97 contract #039-95-01. Any future treatments of this stand need to be conducted in the winter due to Hills Thistle, as per old OI notes. Stand is entirely PARVHa/PArVVb. Ground was covered with snow so vegetation could not be recorded.
16	42121 - Planted Jack Pine, Mixed Deciduous	Medium Density	29.4	4		Recently harvested and planted to j pine. In some areas pockets of oak and TS-720420501 "Hawks Ridge North" FTP C72-572, planted to jack pine in May of 2008, portion of stand west of Old 27 was not planted due to size and not being able to chip products. Aspen have choked out j pine in some areas, unless these pockets were not planted. Stand is primarily PARVHa/PArVVb, there is a small portion of stand that is PArVVb. Ground vegetation would not be listed due to snow.
17	42120 - Planted Jack Pine	High Density Pole	5.7	72		Stand right along I-75, keep for visual management. Stand is entirely PARVHa/PArVVb. Ground vegetation would not be listed due to snow.
18	4199 - Other Mixed Upland Deciduous	High Density Log	20.0	85	111-140	Mature stand of mixed hardwood dominated by oak and aspen. East side of Old 27 has a higher percentage of maple than the west side. Stem quality of oak is fair to good. Stand is mixture of PARVHa/PArVVb, PVCd/PArVHa and PArVVb. Ground vegetation would not be listed due to snow.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
19	4130 - Aspen	High Density Pole	11.6	40		Property has been acquired since last inventory cycle. Predominate bigtooth aspen stand with associated species mixed throughout. Aspen is starting to develop conks and should be treated. Because of winter inventory age was estimated. Stand is half PArVHa/PArVVb and PArVVb. Ground vegetation would not be listed due to snow.
20	4191 - Mixed Upland Deciduous with Conifer	Medium Density	6.3	26		Open with a mixture of j pine, oak, maple, aspen and cherry. Stand is of low quality, open grown bushy stems, primarily large sapling to small poles. OI notes indicated stand was harvested in 1986 and planted to jack pine in 1991, site does not reflect this. North half of stand is PVCd and the south half is PArVHa/PArVVb.
21	4126 - White, Black, N. Pin Oak	High Density Log	2.8	85		Oak stand with some aspen. Stand not wide enough for trail corridor, recommending land to be disposed, it lies between private and I-75. Stand is entirely PArVHa/PArVVb. Ground was covered with snow so vegetation could not be recorded.
23	4130 - Aspen	High Density Sapling	28.3	26		Stand was clearcut in 1986. Mid sized sapling stand with oak maple, cherry and shrub species. Stand is primarily PArVVb, along the north boundary stand is PArVHa/PArVVb. Ground was covered with snow so vegetation could not be recorded.
24	42120 - Planted Jack Pine	High Density Sapling	46.2	21		Stand was harvested in 1986 and planted to jack pine in 1991. Stand has good density with no recordable sub canopy. The majority of the stand is PVCd, this habitat type is then surrounded by PArVHA/PArVVb. Ground was covered with deep snow so vegetations was not able to be recorded.
25	4191 - Mixed Upland Deciduous with Conifer	Medium Density	80.6	5		Stand was harvested in 2007 under contrat #TS-720420501 "Hawks Ridge North". Stand is regenerating to a mix of jack pine and hardwoods. Canopy Closure is lower just due to size and density of stems. Stand is entirely PArVHA/PArVVb. Ground was covered with snow resulting in no ground vegetation being recorded.
26	4130 - Aspen	High Density Pole	89.6	42		Nice stand of bigtooth aspen and mixed associated species. Primarily pole and sapling size with some log quality trees are found in pretty much all species. Terrian is rolling to steep hills, There is a pocket of white pine west of Merio Rd that was not large enough to separate out. Merio Rd runs thru the western portion of the stand. Stand should be ready for treatment considerations during the next inventory cycle. Stand is primarily PArVHA/PArVVb, the SW corner is PVCd/PArVHa. Ground was covered with snow resulting in no ground vegetation being recorded.
27	4130 - Aspen	High Density Pole	35.2	23		Young aspen stand. Nice stem densities, stand does have a conifer component along the southern edge of stand. Stand is entirely PArVHA/PArVVb. Ground was covered with snow resulting in no ground vegetation being recorded.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
28	4130 - Aspen	High Density Pole	5.1	42		Stand is primarily bigtooth aspen with some oak and pine. Previous inventory listed this stand and G0, There is a road that runs between this stand and stand 29, this strip is between the road and private interface, Stand is commercial and could be treated when Stand 29 is treated. Could also leave as a buffer if so desired. Stand is entirely PARVHA/PArVVb. Ground was covered with snow resulting in no ground vegetation being recorded.
29	4124 - Red with White Oak	High Density Log	70.3	84	81-110	Stand is a mixture of red and white oak, it appears it was thinned and the majority of maple and aspen were removed from the stand. Stand has a heavy component of white pine in the understory. Understory is coming back to aspen, maple and oak. Stem quality is decent and majority of stems are large pole/small log. Southern edge of stand abuts a gravel pit. Terrain is rolling to steep hills. Stand is entirely PARVHA/PArVVb. Ground was covered with snow resulting in no ground vegetation being recorded.
31	42110 - Planted Red Pine	High Density Pole	31.8	56	141-170	Row thinned in 1997. A few large diameter Oak are scattered throughout the stand. Understory is coming in as maple and oak. Stand quality is fair to good with good diameter growth. The basal area averaged out to 158 which included about 10 BA of oak and aspen combined. Stand is entirely PARVHA/PArVVb. Ground was covered with snow resulting in no ground vegetation being recorded.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
15	122 - Road/Parking Lot	5.7	No	Unspecified	Old 27 Road.
22	3102 - Grass	3.5	No	Unspecified	Parline Dr and power line corridor.
30	710 - Sand, Soil	8.1	No	Unspecified	This is part of the county gravel pit.