

GRAYLING FOREST MANAGEMENT UNIT COMPARTMENT REVIEW PRESENTATION

COMPARTMENT # 208 ENTRY YEAR: 2012

GIS Compartment Acreage: 648 County: Crawford

Revision Date: 8/20/2010

Stand Examiner: Patrick L. Potter

Legal Description: Crawford County – Frederic Township, T27N R04W Sections 1, 2 and 3.

Management Goals: To maintain forest health, productivity, sustainability, and diversity throughout the compartment while providing for multiple use within the area.

Soils and Topography: Flat to gently rolling hills with some steep hills. Soils are mostly well-drained sands comprised of Kalkaska, Rubicon-Roselawn and Blue Lake.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Various sized blocks of State-owned land bordering small private parcels. The surrounding private is made up of both permanent and seasonal residences.

Unique, Natural Features: None know at this time

Archeological, Historical, and Cultural Features: Turn of the century homestead found. Hal information has been submitted.

Special Management Designations or Considerations: Beech Bark Disease scales have been found with a positive id within the compartment.

Watershed and Fisheries Considerations: None at this time

Wildlife Habitat Considerations: Deer and Grouse. Several maintained wildlife openings (mature rye) each year during August will be disc down and fertilize at 200 lbs/acre, covered under existing FTP's.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of glacial and ice-contact outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 400 and 600 feet. Beneath the glacial drift is the Coldwater Shale. There is not an economic use for the Coldwater Shale. The nearest gravel pit is two miles to the northeast, and gravel potential is thought to be good on the upland areas. None of the State land in the compartment has been leased for oil and gas. The Antrim Shale is the producing formation in the area, but has not produced this far south.

Vehicle Access: The compartment can be accessed using county roads. Oil and gas right-of-ways provide multiple access opportunities for wheeled vehicles and foot traffic.

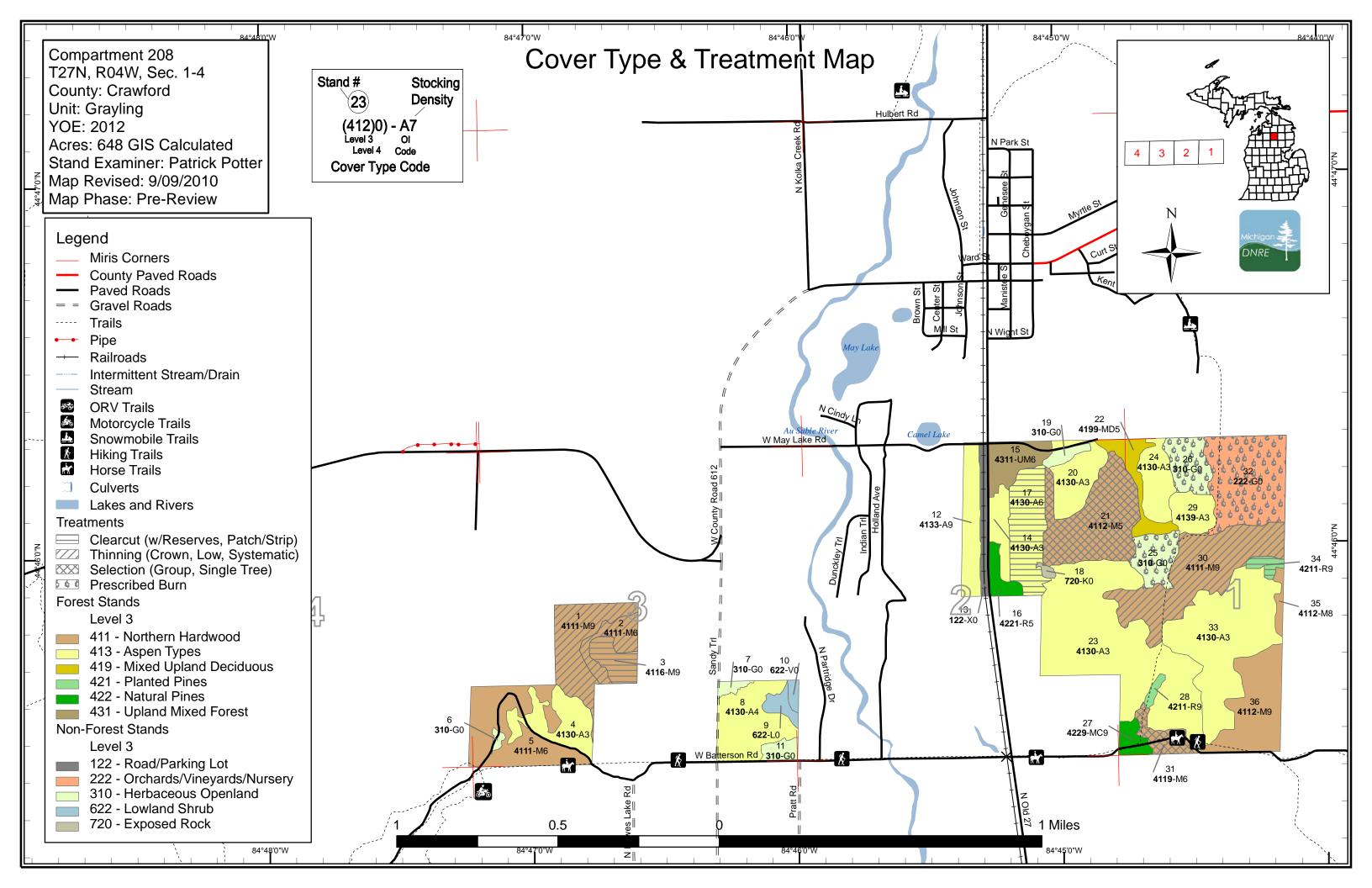
Survey Needs: No survey requests needed.

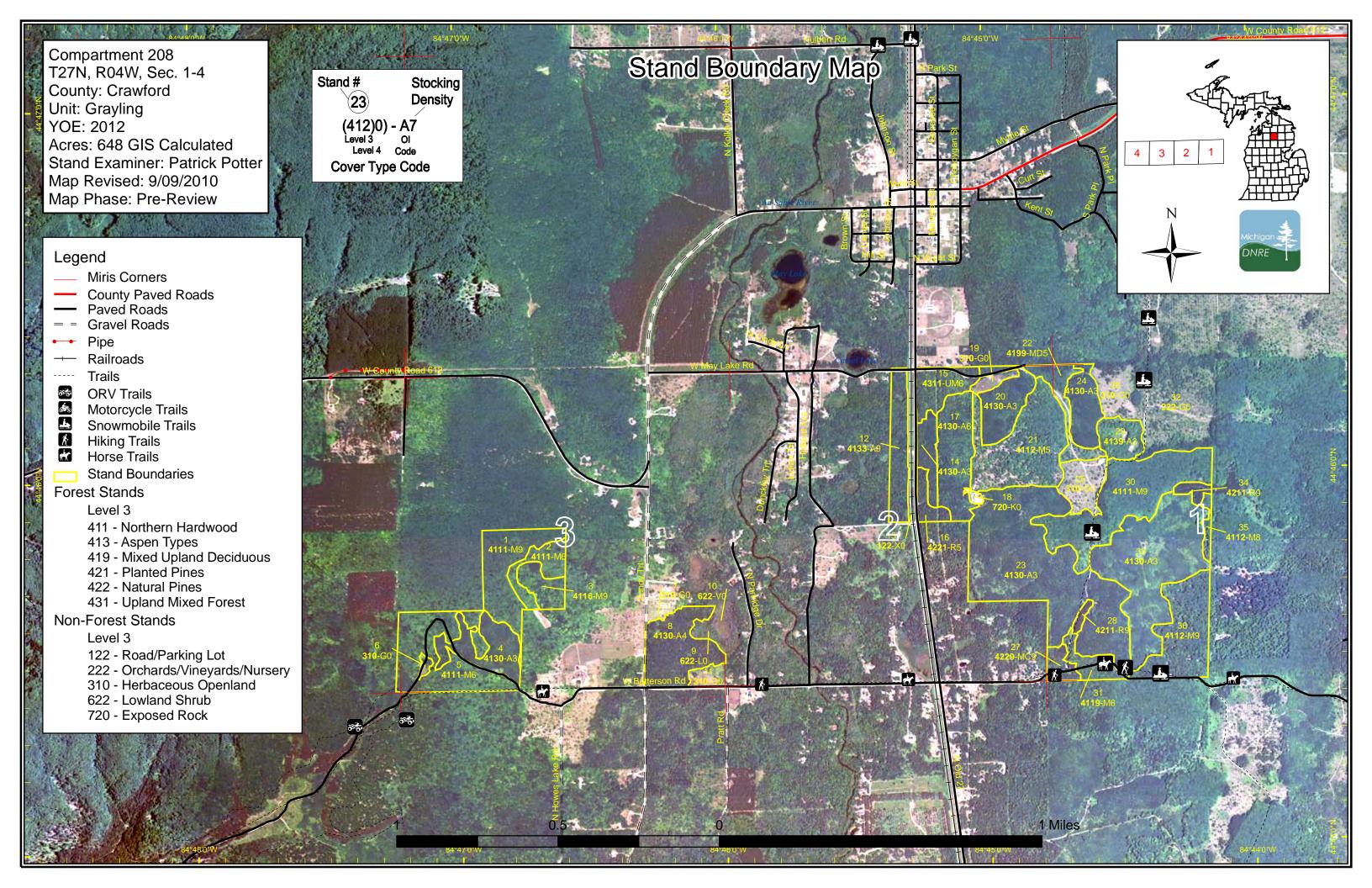
Recreational Facilities and Opportunities: The South Frederic Connector Snowmobile Trail runs through section 1.

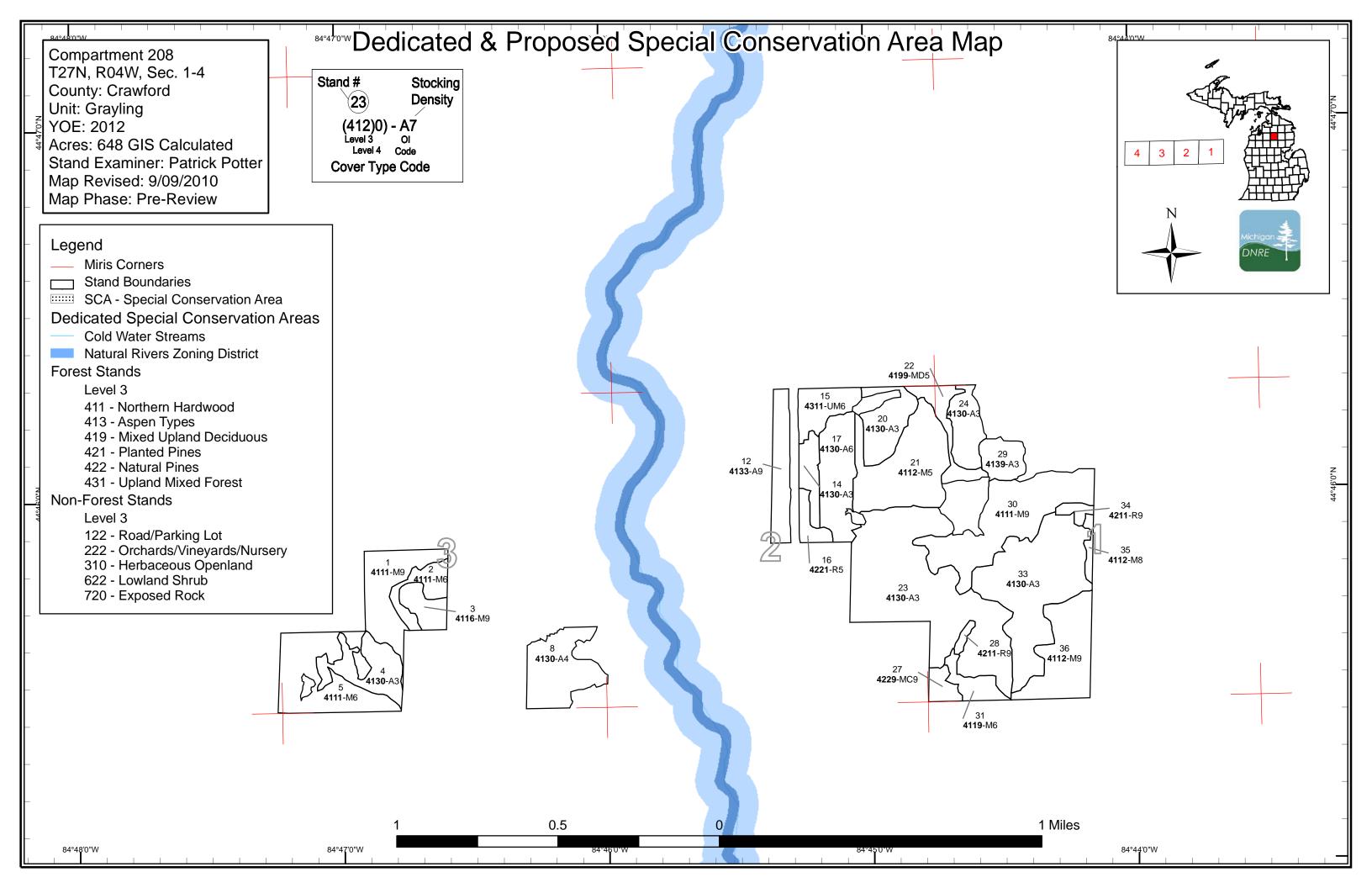
Fire Protection: This compartment is comprised of mostly Northern Hardwoods with very few "high hazard" fuel types, access should be adequate for suppression activities.

LOTS Compartment Acreage: 652 acres

- > The following reports are available:
 - **♦** Cover Type by Age Class
 - **♦** Proposed Treatment Summaries
 - **♦** Dedicated Conservation Area Details
 - **♦** Listing of Forested Stands
 - **♦** Listing of Non-Forested Stands
 - **♦** Proposed Treatments No Limiting Factors
 - **♦** 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
 - **♦** Proposed road access system
- > Special Conservation areas







Data updated before 10:00 AM

Compartment: 208 Year of Entry: 2012



Age Class

| | | | | | | | Age | Olass | | | | | | | | | |
|------------------------|-----|--|-----|-------|---|----|-------|--------|--------|--|------|------|---|--|----------|-------|---|
| | Mod | De les de la company de la com | 8.7 | 02.02 | , | | D. C. | \$ / S | \$6.00 | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | \$ 6 | 85.7 | , 00 ° 00 ° 00 ° 00 ° 00 ° 00 ° 00 ° 00 | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | , * / 5° | 8 / A | |
| Aspen | 0 | 10 | 82 | 136 | 0 | 28 | 0 | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 298 | |
| Bog | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 |
| Cropland | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | I |
| Exposed Rock | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | I |
| Herbaceous Openland | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | I |
| Lowland Shrub | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 1 |
| Mixed Upland Deciduous | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 1 |
| Natural Mixed Pines | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | I |
| Northern Hardwood | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 90 | 83 | 0 | 0 | 0 | 0 | 216 | I |
| Red Pine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 10 | I |
| Upland Mixed Forest | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | I |
| Urban | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | I |
| Total | 94 | 10 | 82 | 136 | 0 | 28 | 0 | 72 | 50 | 93 | 83 | 0 | 0 | 0 | 0 | 648 |] |



Table 2 – Proposed Treatment Summaries

Data updated before 10:00 AM

Grayling Mgt. Unit Year of Entry: 2012

Compartment: 208

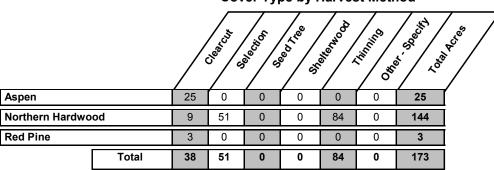
Total Compartment Acres: 647.6

Acres by Treatment Type

Commercial Harvest - 173 Site Prep - 0 Tree Planting - 0 Prescribed Burn - 67 Other - 0

Habitat Cut - 0 Opening Maintenance - 0 Tree Seeding - 0 Pesticide - 0

Cover Type by Harvest Method



Compartment: 208 Grayling Mgt. Unit Table 3 -- Treatments Prescribed with No Limiting Factor Year of Entry2012 s Data updated before 10:00 AM t а **Treatment Acres** Stage1 Size Stand **Treatment** Treatment Cover Type n **Approval** CoverType Method Name Objective Status Density Type d Age 72208001-Cut 25.2 4111 - S.Maple, High Density Log 88 Harvest Systematic Thinning S.Maple, Hard Mast Cmpt. Review Hard Mast Association Proposal Association Prescription Thin down to 60-80 BA. When marking in sawlog area-first remove high risk and cull trees. Then take trees of poor form. Always manage for the best tree in place. In the area where the diameter is less than 8" do a seven foot crown release--in areas where the diameter greater than 8" Specs: mark two crown competitor. Then thin from below until stocking level is reached. **Other** Do not cut aspen in this stand. Comments: <u>Next</u> Steps: 72208002-Cut 10.0 2 4111 - S.Maple, High Density Pole 88 Harvest Systematic Thinning S.Maple, Hard Mast Cmpt. Review Hard Mast Association Proposal Association Prescription thin down to 60-70 BA. When marking in sawlog area-first remove high risk and cull trees. Then take trees of poor form. Always manage for the best tree in place. In the area where the diameter is less than 8" do a seven foot crown release-in areas where the diameter greater than 8" Specs: mark two crown competitor. Then thin from below until stocking level is reached. <u>Other</u> Comments: <u>Next</u> Steps: 72208003-Cut 3 9.0 4116 - Mixed N. High Density Log Clearcut with Cmpt. Review 85 Harvest Oak, Aspen Proposal Hardwood - Aspen Reserves Prescription Final harvest and convert ot aspen. Leave a few oak as retention on hill top. Specs: Adjust boundary line as need into stand 2. <u>Other</u> Comments: Next Steps: 72208017-Cut 25.5 High Density Pole 60 Clearcut with Cmpt. Review 17 4130 - Aspen Harvest Aspen Reserves Proposal Prescription Final harvest. Leave super canopy white pine as the only retention. Specs:

Super canopy white pine will be the retention, no standard retention. <u>Other</u>

Comments:

Next Steps:

> 72208021-Cut 42.7 Medium Density 72 Cmpt. Review 21 4112 - Maple, Harvest Single Tree Selection Sugar Maple Beech, Cherry Pole Association Proposal

Association

Prescription Thin stand, focusing on removing high-risk beech stems and increasing stand diversity.

Specs:

<u>Other</u> Treatment Objective: increase stand resiliency in advance of BBD

Comments:

<u>Next</u> Steps:

09/09/2010 11:52:22 AM - Page 1 of 3

Table 3 -- Treatments Prescribed Compartment: 208 Grayling Mgt. Unit with No Limiting Factor Year of Entry2012 s Data updated before 10:00 AM t а **Treatment** Acres Size Stand **Treatment** Treatment Cover Type Stage1 **Approval** n Method Status Name Objective CoverType Density d Age Type 30 72208030-Cut 49.2 4111 - S.Maple, High Density Log 90 Harvest Systematic Thinning S.Maple, Hard Mast Cmpt. Review Hard Mast Association Proposal Association Prescription Thin down to 60-80 BA. When marking in sawlog area-first remove high risk and cull trees. Then take trees of poor form. Always manage for the best tree in place. In the area where the diameter is less than 8" do a seven foot crown release--in areas where the diameter greater than 8" Specs: mark two crown competitor. Then thin from below until stocking level is reached. **Other** Comments: <u>Next</u> Steps: 4119 - Mixed 72208031-Cut 8 1 High Density Pole 89 Harvest Single Tree Selection Mixed Northern Cmpt. Review Northern Hardwoods Hardwoods Proposal Prescription Thin stand, focusing on removing high-risk beech stems and increasing stand diversity. Specs: Treatment Objective: increase stand resiliency in advance of BBD. <u>Other</u> Comments: <u>Next</u> Steps: 42110 - Planted Clearcut 34 72208034-Cut 3.2 High Density Log Harvest S.Maple, Hard Mast Cmpt. Review Red Pine Association Proposal Prescription Final harvest and let natural regeneration take over. Treat with stand 30. Specs: <u>Other</u> Comments: <u>Next</u> Steps: NF_72208025-12.5 Non-Forested Prescribed Burn Unspecified Warm Season Grass Cmpt. Review Proposal Burn Prescription Prescribe burn removing all white pine. Specs: <u>Other</u> Comments: Next Steps: NF_72208026- 13.0 Non-Forested 0 Prescribed Burn Unspecified Warm Season Grass Cmpt. Review Burn . Proposal Prescription Prescribe burn to enhance bluestem grass/warm season grasses, allow white pine to burn. Specs: Other_ Comments: <u>Next</u>

32 NF_72208032- 41.8 Non-Forested 0 Prescribed Burn Unspecified Warm Season Grass Cmpt. Review Proposal

 $\underline{\text{Prescription}} \ \ \text{Prescribed burn to enhance bluestem grass, allow white pine to burn.}$

Specs:

Steps:

Other OLD apple orchard-starting to fill in with some WP

Comments:

Next Steps: Grayling Mgt. Unit
Data updated before 10:00 AM

Stage1

CoverType

Table 3 -- Treatments Prescribed with No Limiting Factor

Stand

Age

Size

Density

Treatment

Type

Treatment

Method

Compartment: 208
Year of Entry2012

Cover Type

Objective

DNRE Approval Status

Name Total Treatment

Treatment

s

t

n

Acreage Proposed:

240.2

Acres

| S t | Data | | ling Mgt. Unit before 10:00 A | Table 4 | | nts Prescribe ng Factor | d with a | Compartment: 208 Year of Entry2012 | Michigan DNRE |
|---------------|-------------------|-------|----------------------------------|-----------------|--------------|----------------------------|---------------------|---------------------------------------|--------------------|
| a n d | Treatment Name | Acres | Stage1 CoverType | Size Density | Stand Age | Treatment Type | Treatment Method | Cover Type Objective | Approval Status |
| | | | #Error | | | | | | |
| Preso Spec | ription S: | | | | | | | | |
| Other Comr | | | | | | | | | |

Total Treatment Acreage Proposed:

Limiting Factor and No Treatment Reason

Next Steps:

0

Data updated before 10:00 AM

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

Year of Entry: 2012

| Treatment | Acres | Stage1 | Size | Stand | Treatment | Treatment | Cover Type | Approval |
|-----------|-------|-----------|---------|-------|-----------|-----------|------------|----------|
| Name | | CoverType | Density | Age | Type | Method | Objective | Status |
| | | | | | | | | |

<u>Prescription</u>

Specs:

<u>Other</u> Comments:

<u>Next</u> Steps:

Total Treatment

Acreage Proposed:

0

Grayling Mgt. Unit

5 - Forested Stands

Compartment: 208 Year of Entry: 2012

| 3 |
|----|
| 46 |
| |

| s t | Grayling Mgt. Unit | | | | ted before 1 | Vietopow 2 |
|-------------|--|-------------------------|-------|--------------|--------------|---|
| a n d | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | General Comments: |
| 1 | 4111 - S.Maple, Hard Mast Association | High Density Log | 25.2 | 88 | 111-140 | Nice sugar maple and beech. Stand much better quality than stand #2, |
| 2 | 4111 - S.Maple, Hard Mast Association | High Density Pole | 10.0 | 88 | 81-110 | muti-stem-Leave for now. Stand is still pole size over all. Stand beaten-up pretty bad during the late 20's early 30's. Stand is a little better than stand #2. Could treat with stand #4 and thin down to 50-70 BA. I would think about leaving all aspen it is in the condition of creating very good standing snags. |
| 3 | 4116 - Mixed N. Hardwood - Aspen | High Density Log | 9.0 | 85 | 51-80 | Stand beaten-up pretty bad during the late 20's early 30's, then allow to be grazed on or fire. Some open grassly areas, appears to a drier site than the adjacent stands with mixed hardwood and scattered wolf oak trees. |
| 4 | 4130 - Aspen | High Density Sapling | 19.1 | 16 | | Mixed species of Aspen, & Maple mosty with some beech and Oak scattered. Stand final harvested 1993. |
| 5 | 4111 - S.Maple, Hard Mast Association | High Density Pole | 37.3 | 88 | 81-110 | Leave for now. Stand is still pole size over all. Stand beaten-up pretty bad during the late 20's early 30's. |
| 8 | 4130 - Aspen | Low Density Pole | 27.6 | 48 | 81-110 | Stand has some interesting history. Starting in 1964-65, all cedar was cut. In 1966-68 all aspen and maple was harvested. Only found a small pocket of cedar not enough to make it it's on stand also scattered white pine trees throughout. Stand does have a high water table. |
| 12 | 4133 - Aspen, Mixed Pine | High Density Log | 16.7 | 67 | 81-110 | Stand is slowly converting to White pine. One of the adjacent private property owners has expanded their yard, and another has put a gate on state owned land. Trespass reports have been submitted. Stand is west of the railroad tracks (6 chains X 40 chains) and can be accessed off of county road (May Lake). |
| 14 | 4130 - Aspen | High Density Sapling | 8.7 | 27 | 1-50 | Stand treated 1983 - everything harvested except Red & White pine. |
| 15 | 4311 - Pine, Aspen Mix | High Density Pole | 13.4 | 62 | 51-80 | Stand was treated 1962-63 all merchantable Paper Birch was harvested. |
| 16 | 42210 - Natural Red Pine | Medium Density Pole | 5.5 | 62 | 51-80 | All aspen and marked red pine harvested last YOE. |
| 17 | 4130 - Aspen | High Density Pole | 25.5 | 60 | 81-110 | Stand is a mix of Aspen, SM, RM, with scattered super canopy WP. Final Harvest leave WP. |
| 20 | 4130 - Aspen | High Density Sapling | 17.1 | 27 | | Stand final harvested 1983. |
| 21 | 4112 - Maple, Beech, Cherry Association | Medium Density Pole | 42.7 | 72 | | Stand was treated last YOE. |
| 22 | 4199 - Other Mixed Upland Deciduous | Medium Density Pole | 10.9 | 68 | 51-80 | Planted black locust with a heavy blackberry. Two big cotton wood trees and one really big sugar maple. Area was part of the Deward Apple Orchard, found old water well. |
| | · | | | | | |

Grayling Mgt. Unit s

5 - Forested Stands

Compartment: 208



| | | | Data updat | ted before 1 | 0:00 AM Year of Entry: 2012 |
|--|---|--|---|--|--|
| Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | General Comments: |
| 4130 - Aspen | High Density Sapling | 96.3 | 26 | 1-50 | Stand final harvested 1984, by Champion International Corporation. |
| 4130 - Aspen | High Density Sapling | 13.9 | 27 | | Stand was final harvested 1983. |
| 42290 - Natural Mixed Pine | High Density Log | 5.4 | 70 | 81-110 | Do to close proximity of this stand to residential area and with the possible of BBD in the adjacent stand I do not recommend harvesting this stand except to cut all hardwoods. |
| 42110 - Planted Red Pine | High Density Log | 1.7 | 70 | 81-110 | 3rd row thinned last YOE |
| 4139 - Aspen, Mixed Deciduous | High Density Sapling | 10.2 | 7 | | All aspen harvested last YOE, two 1-acre regen gaps created |
| 4111 - S.Maple, Hard Mast Association | High Density Log | 49.2 | 90 | 111-140 | Stand is a mix of size classes-mostly log. This stand also has an interesting history. In 1982 stand was mark to 90 BA residual then divided into four individual sales and sold for fuelwood in 1983. No further work was done since. Stand changes as you head to the northeast more species diversity and larger diameter. |
| 4119 - Mixed Northern Hardwoods | High Density Pole | 8.1 | 89 | | Possible BDDsent in field health report to Roger Mech. Found one tree heavyly infected with a white waxy cover, and found many beech trees with tarry spots which can be Nectria infection and which is associated with beech bark diease. |
| 4130 - Aspen | High Density Sapling | 62.9 | 14 | | Stand final harvested and completed in 1996. |
| 42110 - Planted Red Pine | High Density Log | 3.2 | 80 | 111-140 | 3rd row thinned last YOE. |
| 4112 - Maple, Beech, Cherry Association | Medium Density Log | 2.8 | 90 | | Stand thinned last YOE. Some SM in the groundcover |
| 4112 - Maple, Beech, Cherry Association | High Density Log | 31.4 | 90 | 51-80 | Stand thinned last YOE. Some SM in the groundcover |
| | Cover Type 4130 - Aspen 4130 - Aspen 42290 - Natural Mixed Pine 42110 - Planted Red Pine 4139 - Aspen, Mixed Deciduous 4111 - S.Maple, Hard Mast Association 4119 - Mixed Northern Hardwoods 4130 - Aspen 4110 - Planted Red Pine 4112 - Maple, Beech, Cherry Association | Cover Type 4130 - Aspen High Density Sapling 4130 - Aspen High Density Sapling 42290 - Natural Mixed Pine High Density Log High Density Sapling High Density High Density Log High Density Pole High Density Sapling High Density Sapling High Density Sapling High Density Log High Density Log | Cover TypeDensityAcres4130 - AspenHigh Density Sapling96.34130 - AspenHigh Density Sapling13.942290 - Natural Mixed PineHigh Density Log5.442110 - Planted Red PineHigh Density Log1.74139 - Aspen, Mixed DeciduousHigh Density Sapling10.24111 - S.Maple, Hard Mast AssociationHigh Density Log49.24119 - Mixed Northern HardwoodsHigh Density Pole8.14130 - AspenHigh Density Sapling62.942110 - Planted Red PineHigh Density Log3.24112 - Maple, Beech, Cherry AssociationMedium Density Log2.84112 - Maple, Beech, Cherry AssociationHigh Density Log31.4 | Level 4 Cover TypeSize DensityAcresStand Age4130 - AspenHigh Density Sapling96.3264130 - AspenHigh Density Sapling13.92742290 - Natural Mixed PineHigh Density Log5.47042110 - Planted Red PineHigh Density Log1.7704139 - Aspen, Mixed DeciduousHigh Density Sapling10.274111 - S.Maple, Hard Mast AssociationHigh Density Log49.2904119 - Mixed Northern HardwoodsHigh Density Pole8.1894130 - AspenHigh Density Sapling62.91442110 - Planted Red PineHigh Density Log3.2804112 - Maple, Beech, Cherry AssociationMedium Density Log2.8904112 - Maple, Beech, Cherry AssociationHigh Density Density Log31.490 | Cover Type Density Acres Age Range 4130 - Aspen High Density Sapling 96.3 26 1-50 4130 - Aspen High Density Sapling 13.9 27 42290 - Natural Mixed Pine High Density Log 5.4 70 81-110 42110 - Planted Red Pine High Density Log 1.7 70 81-110 4139 - Aspen, Mixed Deciduous High Density Sapling 10.2 7 4111 - S.Maple, Hard Mast Association High Density Log 49.2 90 111-140 4119 - Mixed Northern Hardwoods High Density Pole 8.1 89 4130 - Aspen High Density Sapling 62.9 14 42110 - Planted Red Pine High Density Log 3.2 80 111-140 4112 - Maple, Beech, Cherry Association Medium Density Log 2.8 90 4112 - Maple, Beech, High Density Jog 31.4 90 51-80 |

Grayling Mgt. Unit

6 – Nonforested StandsData updated before 10:00 AM

Compartment: 208 Year of Entry: 2012



| Stand | Cover Type | Acres | Gen Cmts: |
|-------|----------------------------------|-------|--|
| 6 | 3102 - Grass | 1.2 | |
| 7 | 3102 - Grass | 2.1 | |
| 9 | 6220 - Alder/willow | 4.0 | Stand is Tag Alder |
| 10 | 6225 - Bog | 1.9 | |
| 11 | 3102 - Grass | 4.5 | |
| 13 | 122 - Road/Parking Lot | 8.5 | |
| 18 | 720 - Exposed Rock | 1.0 | Former gravel pit, now being used as a n informal shooting range and grabage dump. |
| 19 | 3102 - Grass | 3.3 | |
| 25 | 3105 - Mixed Upland Herbaceous | 12.5 | Part of the Deward Apple orchard-no apple trees were planted. |
| 26 | 3102 - Grass | 13.0 | |
| 32 | 222 - Orchards/Vineyards/Nursery | 41.7 | OLD apple orchard-starting to fill in with some WP |

Grayling Mgt. Unit Compartment: 208
Year of Entry: 2012



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.

Data updated before 10:00 AM

| Stand | SCA Type | SCA Name | Acres | Comments |
|-------|----------|----------|-------|----------|
| | | | | |
| | | | | |

Compartment: 208 Year of Entry 2012



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.

| Conservat Area | ion Type | Description | Data updated before 10:00 AM | ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area | | | |
|-------------------|-------------------|---|--|--|--|--|--|
| SCA | Cold Water Stream | stocked trout popula to year. Coldwater s | tions and those of other coldwater fish treams in Michigan typically provide the eir stream flows. Such streams are esta | conditions that allow naturally-reproduced or species (e.g., slimy sculpin) to persist from year ese conditions due to substantial contributions ablished by Director's action and designated as | | | |
| HCVA | Natural Rivers | There are two Natural Rivers datasets which are derived from spatial buffers set from an established and approved distance from the river centerlines. The Natural Rivers Zoning District is a 400 foot buffer for most Natural Rivers. The Vegetative Buffer ranges from 25 to 100 feet. To view specific Zoning Districts and Vegetative Buffers for each Natural River see the table located on the I:\Documentation\GDSE data folder. | | | | | |