



**ATLANTA FOREST MANAGEMENT UNIT  
COMPARTMENT REVIEW PRESENTATION**

**COMPARTMENT 136 ENTRY YEAR: 2014**

**Compartment Acreage: 2030**

**County: Presque Isle**

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**Revision Date:** July 13, 2012

**Stand Examiner:** Kirby Osvold

**Legal Description:** T34N-R4E SEC. 3, 10, 11, 12, 13, 14, 15, 22, 23

**MA:** Cheboygan Lake Plain

**Management Goals:**

The management goal for the compartment is to maintain the multiple resource management in the area. Resources maintained include: recreation, timber production, and wildlife opportunities.

**Soil and Topography:**

Soils are typically sandy on ridges and hills, mucky in swamp conifer and wetland stands with a few areas of loamy sand as well. Topography consists of dry, sandy ridges running through wetlands and swamps. The road system follows the upland sandy ridges. Most of the compartment is relatively flat, however there are areas with steep slopes.

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

Immediate land use is generally either other state land or private hunting clubs. Farms are nearby to the east and southeast.

**Unique, Natural Features (include only non-site specific and non-sensitive information):**

None reported

**Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information):**

Ward Branch Road is an abandoned RR grade.

**Special Management Designations or Considerations:**

None reported.

**Watershed and Fisheries Considerations:**

The Little Ocqueoc River is located in the NENE of Section 13. Also, the Fox Creek flows into a pond in section 15. The compartments extensive wetlands serve three watersheds areas: Little Ocqueoc River, Trout River, and Quinn Creek.

**Wildlife Habitat Considerations:**

Compartment 136 is state forest land fragmented with private. Cover types include aspen, balsam poplar, lowland brush, mixed swamp conifers, cedar, and white pine. The compartment provides habitat for featured species such as black bear, beaver, white-tailed deer, ruffed grouse, and American woodcock.

**Mineral Resource and Development Concerns and/or Restrictions:**

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium and coarse-textured glacial till. The glacial drift thickness varies between 50 and 200 feet. Beneath the glacial drift is the Devonian Traverse Group, which is quarried for limestone and cement products four miles to the northeast. Gravel pits are located within one mile to the east and potential appears to be good in the upland areas. This area has had some drilling and production for Guelph (Niagaran) reefs and there is potential for additional oil and gas reefs in this area. Some of the State land is leased for oil and gas development.

**Vehicle Access:**

South Ward Branch Rd, Peltz Rd, and multiple gas well roads provide adequate access to much of the compartment. The northwest portion of the stand is landlocked by private property. Also, a large western portion is only accessible through a trail extending off of South Ward Branch Rd through private property.

**Survey Needs:**

No surveys currently needed. There is a structure trespass, "Lucky 7 Club" in Section 14 that was previously reported in 1997.

**Recreational Facilities and Opportunities:**

The compartment is popular for hunting. However, there are no designated trails within the compartment.

**Fire Protection:**

Adequate.

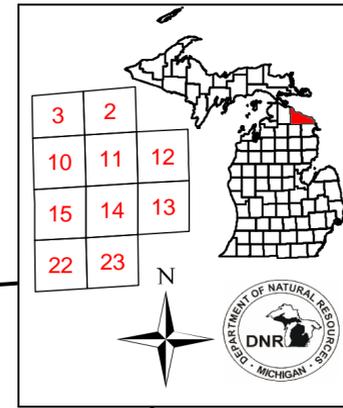
**Additional Compartment Information:**

- **The following 5 reports from the Operations Inventory System (OIPC) are attached:**
  - ◆ **Cover Type by Age Class**
  - ◆ **Cover Type by Management Objective**
  - ◆ **Compartment Volume Summary**
  - ◆ **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**
  - ◆ **Proposed treatments**
  - ◆ **Proposed road access system**
  - ◆ **Suggested potential old growth**

# Cover Type & Treatment Map

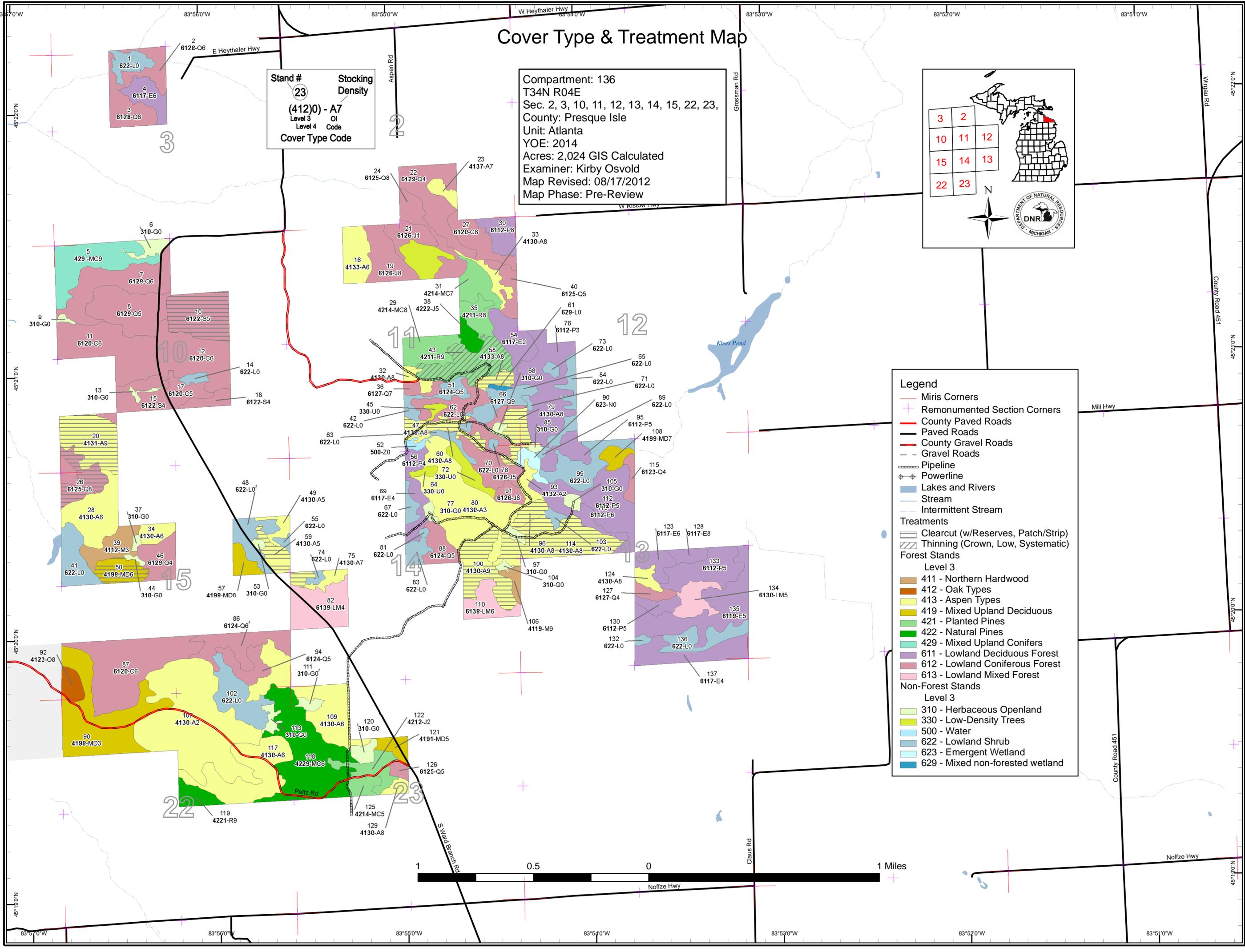
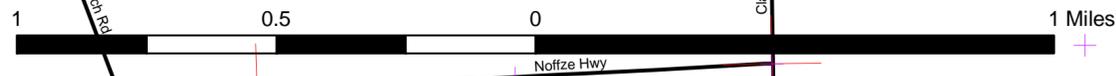
Stand # **23** Stocking Density  
**(412)0 - A7**  
 Level 3 OI Code  
 Level 4 Code  
 Cover Type Code

Compartment: 136  
 T34N R04E  
 Sec. 2, 3, 10, 11, 12, 13, 14, 15, 22, 23,  
 County: Presque Isle  
 Unit: Atlanta  
 YOE: 2014  
 Acres: 2,024 GIS Calculated  
 Examiner: Kirby Osvold  
 Map Revised: 08/17/2012  
 Map Phase: Pre-Review



## Legend

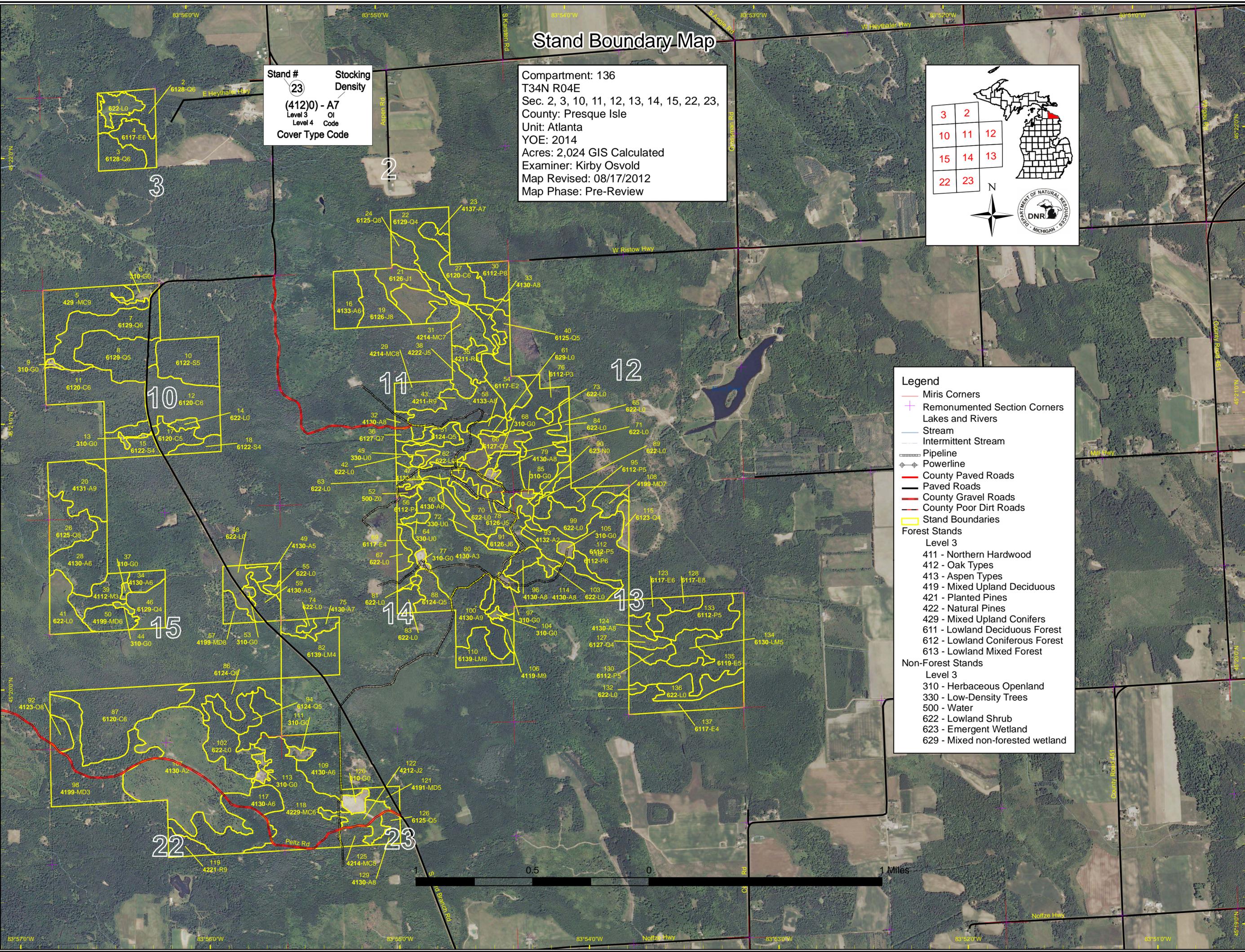
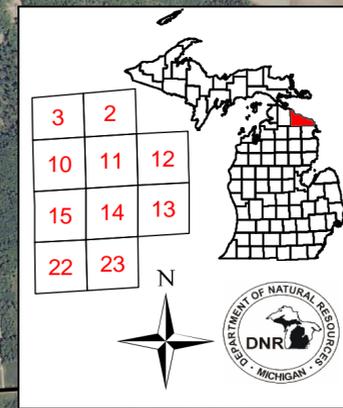
- Miris Corners
- ⊕ Remonumented Section Corners
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Pipeline
- ⊕ Powerline
- Lakes and Rivers
- Stream
- Intermittent Stream
- Treatments**
- ▨ Clearcut (w/Reserves, Patch/Strip)
- ▨ Thinning (Crown, Low, Systematic)
- Forest Stands**
- Level 3**
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- Non-Forest Stands**
- Level 3**
- 310 - Herbaceous Openland
- 330 - Low-Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed non-forested wetland



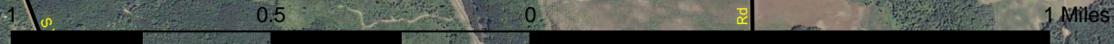
# Stand Boundary Map

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

Compartment: 136  
 T34N R04E  
 Sec. 2, 3, 10, 11, 12, 13, 14, 15, 22, 23,  
 County: Presque Isle  
 Unit: Atlanta  
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 Map Revised: 08/17/2012  
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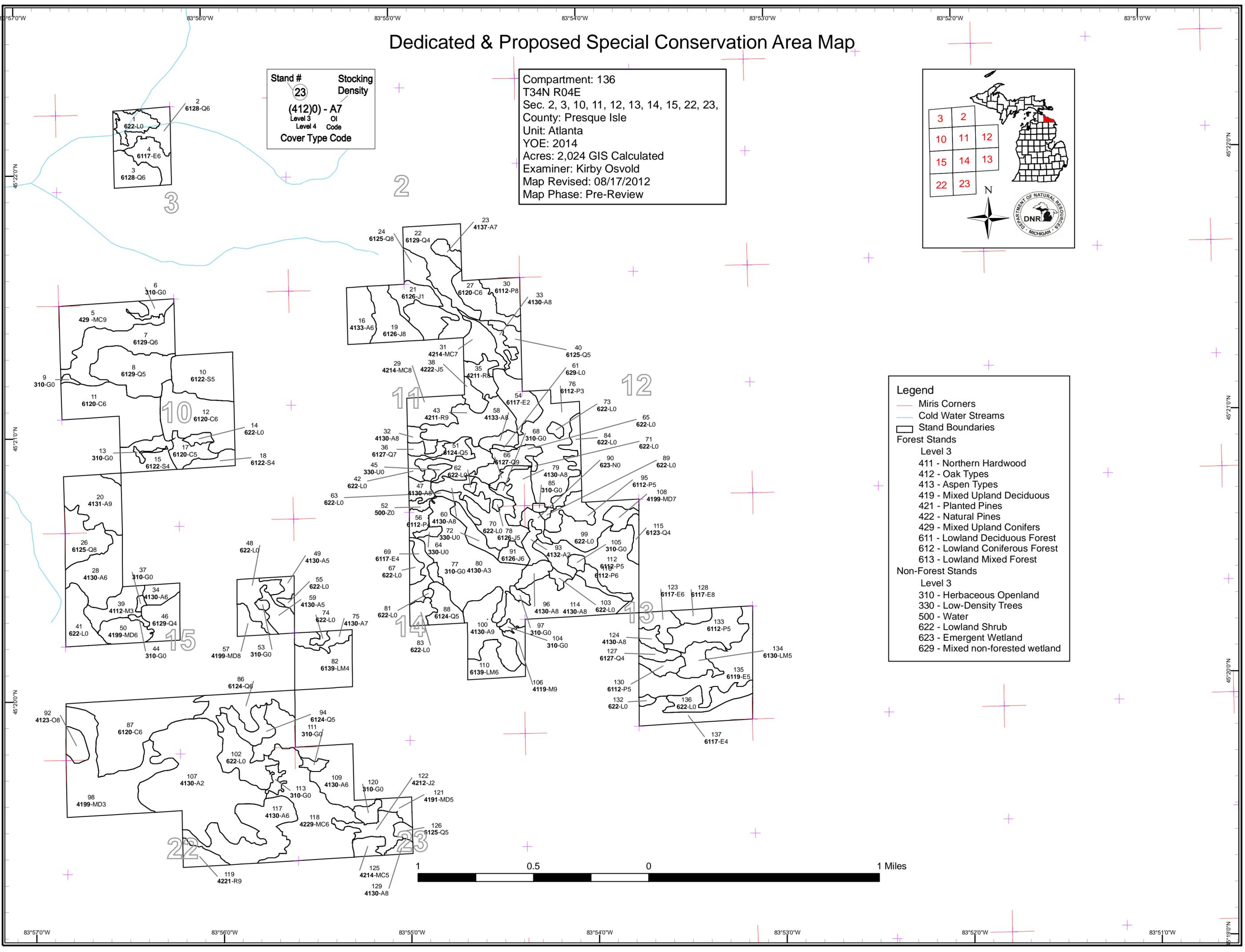
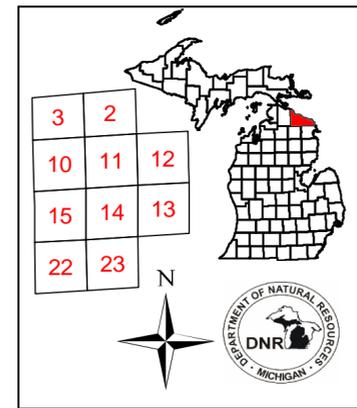
- Legend**
- Miris Corners
  - + Remonumented Section Corners
  - Lakes and Rivers
  - Stream
  - Intermittent Stream
  - Pipeline
  - Powerline
  - County Paved Roads
  - Paved Roads
  - County Gravel Roads
  - County Poor Dirt Roads
  - Stand Boundaries
- Forest Stands**
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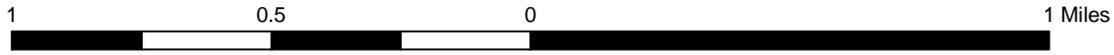
# Dedicated & Proposed Special Conservation Area Map

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

Compartment: 136  
 T34N R04E  
 Sec. 2, 3, 10, 11, 12, 13, 14, 15, 22, 23,  
 County: Presque Isle  
 Unit: Atlanta  
 YOE: 2014  
 Acres: 2,024 GIS Calculated  
 Examiner: Kirby Osvold  
 Map Revised: 08/17/2012  
 Map Phase: Pre-Review



- Legend**
- Miris Corners
  - Cold Water Streams
  - Stand Boundaries
- Forest Stands**
- Level 3
- 411 - Northern Hardwood
  - 412 - Oak Types
  - 413 - Aspen Types
  - 419 - Mixed Upland Deciduous
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**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	110	64	6	30	125	60	29	48	37	0	0	0	0	0	510
Cedar	0	0	0	0	0	0	0	75	63	41	0	0	0	0	179
Herbaceous Openland	37	0	0	0	0	0	0	0	0	0	0	0	0	0	37
Jack Pine	14	0	12	31	0	6	21	0	0	0	0	0	0	0	84
Low-Density Trees	28	0	0	0	0	0	0	0	0	0	0	0	0	0	28
Lowland Aspen/Balsam Poplar	0	0	53	0	44	6	37	20	0	0	0	0	0	0	160
Lowland Conifers	0	0	0	5	26	27	106	88	37	0	0	0	0	0	288
Lowland Deciduous	0	0	18	0	81	9	0	16	0	0	0	0	0	0	124
Lowland Mixed Forest	0	0	13	0	15	0	0	30	0	0	0	0	0	0	57
Lowland Shrub	175	0	0	0	0	0	0	0	0	0	0	0	0	0	175
Lowland Spruce/Fir	0	0	0	0	0	0	0	7	51	0	0	0	0	0	58
Marsh	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Mixed Upland Deciduous	0	0	63	0	0	21	0	13	0	0	0	0	0	0	97
Natural Mixed Pines	0	0	0	0	0	67	0	0	0	0	0	0	0	0	67
Northern Hardwood	0	0	0	15	0	0	5	0	0	0	0	0	0	0	20
Oak	0	0	0	0	0	0	0	8	0	0	0	0	0	0	8
Planted Mixed Pines	0	0	0	0	7	0	15	17	0	0	0	0	0	0	39
Red Pine	0	0	0	0	0	0	50	0	0	0	0	0	0	0	50
Upland Conifers	0	0	0	0	0	36	0	0	0	0	0	0	0	0	36
Water	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
<b>Total</b>	<b>372</b>	<b>64</b>	<b>165</b>	<b>81</b>	<b>298</b>	<b>232</b>	<b>263</b>	<b>322</b>	<b>188</b>	<b>41</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2024</b>



## Table 2 – Proposed Treatment Summaries

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

**Compartment 136**  
**Total Compartment Acres: 2024**

### Acres by Treatment Type

Commercial Harvest - 247	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>Aspen</b>	155	0	0	0	0	0		155
<b>Lowland Conifers</b>	17	0	0	0	0	0		17
<b>Lowland Spruce/Fir</b>	32	0	0	0	0	0		32
<b>Mixed Upland Deciduous</b>	13	0	0	0	0	0		13
<b>Red Pine</b>	0	0	0	0	30	0		30
<b>Total</b>	<b>217</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>30</b>	<b>0</b>		<b>247</b>



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
10	54136010-Cut	32.2	6122 - Black Spruce	Medium Density Pole	85	81-110	Harvest	Clearcut with Reserves	6122 - Black Spruce	Cmpt. Review Proposal
<u>Prescription</u> Final harvest. Cut during either dry summer or frozen winter conditions. Leave 3-10% of stand as retention.										
<u>Specs:</u>										
<u>Other</u> Allow an extended contract (3-4 years) to increase the potential for optimal harvest conditions.										
<u>Comments:</u>										
<u>Next</u> Expected regeneration includes: balsam fir, aspen, black spruce, tamarack, and a mix of paper birch, and red maple at a medium stocking level.										
<u>Steps:</u> Regeneration survey in 3-5 years.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
43	54136043-Cut	30.2	42110 - Planted Red Pine	High Density Log	64	141-170	Harvest	Crown Thinning	42110 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Mark pine to reduce BA to 120.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u>										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
47	54136047-Cut	3.9	4130 - Aspen	Medium Density Log	48	1-50	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> Clearcut northern portion of stand. Leave southern portion as reserve (too wet/unmerchantable).										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Expected regeneration is a mix of aspen and red maple at a high stocking level.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
58	54136058-Cut	5.8	4133 - Aspen, Mixed Pine	Medium Density Log	62	51-80	Harvest	Clearcut with Reserves	4133 - Aspen, Mixed Pine	Cmpt. Review Proposal
<u>Prescription</u> Final harvest. Leave 1-2 pine per acre for species diversity in the stand. Avoid damage to pine regeneration currently located in the understory.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Expect natural regeneration of aspen and pine at a medium/medium-high stocking level. Regeneration survey in 3-5 years.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
59	54136059-Cut	9.5	4130 - Aspen	Medium Density Pole	50	81-110	Harvest	Clearcut with Reserves	4137 - Aspen, Birch	Cmpt. Review Proposal
<u>Prescription</u> Final harvest. Leave 3-10% of the stand as retention areas along road for a visual buffer.										
<u>Specs:</u>										
<u>Other</u> Access stand through South Ward Branch Road.										
<u>Comments:</u>										
<u>Next</u> Expect natural regeneration at a low/medium stocking level of aspen and a mixture of deciduous trees including red maple and paper birch.										
<u>Steps:</u> Regeneration survey in 3-5 years.										
<u>Proposed</u>										
<u>Start Date:</u> 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
60	54136060-Cut	8.8	4130 - Aspen	Medium Density Log	70	81-110	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> Final harvest. Leave 3-10% of the stand as retention. Leave 1-2 pine or spruce per acre for species diversity. Avoid damage to advanced										
<u>Specs:</u> regeneration of pine and spruce.										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Expect natural regeneration of aspen at a medium stocking level.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
79	54136079-Cut	13.0	4130 - Aspen	Medium Density Log	68	1-50	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> Final harvest. Protect white pine regeneration. Reserve areas (3-10% of stand) should be in the wet areas. Add the specification to harvest										
<u>Specs:</u> during dry or frozen conditions.										
<u>Other</u> Steep slopes are present in the northern part of stand. Use these as retention.										
<u>Comments:</u>										
<u>Next</u> Expect natural aspen regeneration at a medium/medium-high stocking level. Regeneration survey in 3-5 years.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
96	54136096-Cut	6.9	4130 - Aspen	Medium Density Log	62	81-110	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> Final harvest. Reserve 3-10% of stand in the wet areas. Avoid damage to white pine regeneration in the understory.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Expect natural aspen regeneration at a medium/medium-high stocking level. Regeneration survey in 3-5 years.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
100	54136100-Cut	27.6	4130 - Aspen	High Density Log	72	81-110	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> Final harvest. Leave 3-10% of stand as retention.										
<u>Specs:</u>										
<u>Other</u> Stand contains a 2 acre inclusion of red pine leave this area in addition to the 3-10% of retention.										
<u>Comments:</u>										
<u>Next</u> Expect natural regeneration of aspen at high stocking level.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
114	54136114-Cut	44.2	4130 - Aspen	Medium Density Log	52	111-140	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> Final harvest. Leave 3-10% of stand as retention.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Expect natural regeneration at a medium/medium-high stocking level of aspen, paper birch, upland conifers, and maple.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										

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



Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
Total Treatment Acreage Proposed:		181.9							

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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
20 54136020-Cut	31.7	4131 - Aspen, Oak	High Density Log	81	111-140	Harvest	Clearcut with Reserves	4131 - Aspen, Oak	Cmpt. Review Proposal

Prescription Clearcut with retention areas. Leave 1-3 oak per acre in small patches to allow for seed production and oak regeneration in the stand.

Specs:

Other Comment: Access would need to be gained through private property. A trail exists but would need to be widened to accomodate logging equipment. Avoid damage to pine and spruce in the understory.

Next Steps: Expect regeneration of aspen and oak at a high stocking level with scattered red pine remaining from the existing sub-canopy. Regeneration survey in 3-5 years.

Proposed

Start Date: 10/01/2013

Limiting Factor and No Treatment Reason 2B: Unknown if access through adjacent landowner(s) is possible

26 54136026-Cut	16.9	6125 - Lowland Black Spruce, Jack Pine	Medium Density Log	83	81-110	Harvest	Clearcut with Reserves	6125 - Lowland Black Spruce, Jack Pine	Cmpt. Review Proposal
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Prescription Final harvest. Leave retention (3-10%) in the wetter areas.

Specs:

Other Comment: Access through private property.

Next Steps: Expected regeneration includes: aspen, balsam fir, jack pine, and black spruce at a medium/medium-high stocking level. Regeneration survey in 3-5 years.

Proposed

Start Date: 10/01/2013

Limiting Factor and No Treatment Reason 2B: Unknown if access through adjacent landowner(s) is possible

50 54136050-Cut	13.5	4199 - Other Mixed Upland Deciduous	High Density Pole	79	1-50	Harvest	Clearcut with Reserves	4131 - Aspen, Oak	Cmpt. Review Proposal
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Prescription Final harvest. Leave 1-3 oak per acre in small patches to allow for seed production and oak regeneration in stand in addition to the retention areas (3-10% of stand).

Specs:

Other Comment: Access would need to be gained through adjacent private property.

Next Steps: Expect regeneration of aspen, oak, red maple, beech and paper birch with scattered balsam fir at a medium stocking level. Regeneration survey in 3-5 years.

Proposed

Start Date: 10/01/2013

Limiting Factor and No Treatment Reason 2B: Unknown if access through adjacent landowner(s) is possible  
Only species declining in stand is paper birch.

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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
75 54136075-Cut	3.3	4130 - Aspen	Low Density Log	70	51-80	Harvest	Clearcut	4130 - Aspen	Cmpt. Review Proposal

Prescription Clearcut stand. Retention area in sale area is not necessary since the eastern half of the stand is not being cut.  
Specs:

Other Comment: Structure trespass is located in stand along South Ward Branch Rd. (Lucky 7 Club).

Next Steps: Expect natural regeneration of aspen throughout sale area at a high stocking level. Regeneration survey in 3-5 years.

Proposed Start Date: 10/01/2013

Limiting Factor and No Treatment Reason 3G: Other Influence zones - See comments

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**Total Treatment Acreage Proposed: 65.3**

**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>54002031-N-CCR Burn/Scarify</b>	2.9	42220 - Natural Jack Pine	High Density Pole	69		Harvest	Clearcut with Reserves	42121 - Planted Jack Pine, Mixed Deciduous	Cmpt. Review Proposal - Incomplete

Prescription Do not cut red pine, white pine, oak. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole.

Other Comments:

Next Steps: Post harvest: if this treatment falls inside of a BSA, then burn or scarify before planting jack pine. When planting, attempt to avoid the use of trenching. If the treatment is not inside a BSA, plant jack pine.

Proposed Start Date: 10/01/2010

<b>54002031-N-CCR Burn/Scarify</b>	2.9	42220 - Natural Jack Pine	High Density Pole	69		Harvest	Clearcut with Reserves	42121 - Planted Jack Pine, Mixed Deciduous	Cmpt. Review Proposal - Incomplete
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Prescription Do not cut red pine, white pine, oak. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole.

Other Comments:

Next Steps: Post harvest: if this treatment falls inside of a BSA, then burn or scarify before planting jack pine. When planting, attempt to avoid the use of trenching. If the treatment is not inside a BSA, plant jack pine.

Proposed Start Date: 10/01/2010

**Total Treatment  
Acreage Proposed: 5.8**

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## Atlanta Mgt. Unit

## 5 – Forested Stands

Compartment: 136

Year of Entry: 2014



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
2	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	15.4	52		Drier areas within stand contain aspen.
3	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	15.5	86	1-50	
4	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	13.1	42	1-50	Wet ground.
5	429 - Mixed Upland Conifers	High Density Log	35.9	50	81-110	
7	6129 - Mixed Coniferous Lowland Forest	High Density Pole	39.4	72	51-80	
8	6129 - Mixed Coniferous Lowland Forest	Medium Density Pole	35.3	67		
10	6122 - Black Spruce	Medium Density Pole	32.2	85	81-110	Nice spruce stand. Wet ground.
11	6120 - Lowland Cedar	High Density Pole	47.6	73	141-170	Greater amount of spruce in the northern part of the stand.
12	6120 - Lowland Cedar	High Density Pole	40.6	96	51-80	Standing water throughout stand.
15	6122 - Black Spruce	Low Density Pole	19.0	82	51-80	Very wet stand, cattails present in the understory.
16	4133 - Aspen, Mixed Pine	High Density Pole	17.8	42		
17	6120 - Lowland Cedar	Medium Density Pole	10.9	72	1-50	There is a 1/2 acre open area within the stand that has dense cedar regeneration with a tamarack overstory.
18	6122 - Black Spruce	Low Density Pole	6.6	76	51-80	
19	6126 - Lowland Jack Pine	Medium Density Log	21.2	69	111-140	
20	4131 - Aspen, Oak	High Density Log	31.7	81	111-140	
21	6126 - Lowland Jack Pine	Low Density Sapling	11.9	22		Few large red and jack pine in the overstory with mixed pine regenerating in the understory.
22	6129 - Mixed Coniferous Lowland Forest	Low Density Pole	32.5	79		

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## Atlanta Mgt. Unit

## 5 – Forested Stands

Compartment: 136  
Year of Entry: 2014

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
23	4137 - Aspen, Birch	Low Density Log	5.1	82	51-80	Remnants of burned stumps throughout stand. Stand has access concerns adjacent to private property.
24	6125 - Lowland Black Spruce, Jack Pine	Medium Density Log	18.3	67	51-80	Standing water in areas throughout the stand.
26	6125 - Lowland Black Spruce, Jack Pine	Medium Density Log	21.1	83	81-110	Jack pine along the edges with mostly black spruce comprising the majority of the stand.
27	6120 - Lowland Cedar	High Density Pole	17.0	73	1-50	Wetland comprised of small diameter cedar. Heavily used by deer.
28	4130 - Aspen	High Density Pole	30.3	36	81-110	High percentage of immature aspen.
29	42140 - Planted Mixed Pine	Medium Density Log	17.4	71	51-80	Greater amount of white pine in the western side of the stand.
30	6112 - Lowland Aspen	Medium Density Log	13.1	73	1-50	Overstory consisting of declining aspen with balsam fir in the understory. Pockets of cedar and some scattered hemlock.
31	42140 - Planted Mixed Pine	Low Density Log	14.9	64		
32	4130 - Aspen	Medium Density Log	4.8	70	51-80	Aspen in the higher ground. Previously left for conversion to white pine and for age class diversity.
33	4130 - Aspen	Medium Density Log	6.4	53	81-110	Stand on edge of hillside, steep slopes present.
34	4130 - Aspen	High Density Pole	7.5	42	51-80	Aspen stand with a few white pine and white spruce along the trail.
35	42110 - Planted Red Pine	Medium Density Log	10.7	65	51-80	
36	6127 - Lowland Pine	Low Density Log	4.7	49		Open lowland with pine and spruce in the drier areas.
38	42220 - Natural Jack Pine	Medium Density Pole	6.1	31		Young stand.
39	4112 - Maple, Beech, Cherry Association	High Density Sapling	15.2	32		Some large scattered oak located within the stand, majority of overstory is aspen.
40	6125 - Lowland Black Spruce, Jack Pine	Medium Density Pole	9.7	62		
43	42110 - Planted Red Pine	High Density Log	30.1	64	141-170	



Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
6129 - Mixed Coniferous Lowland Forest	Low Density Pole	16.0	79		Stagnant cedar with spruce along the edge of the stand. Heavy cattails and tag alder in the understory.
4130 - Aspen	Medium Density Log	5.7	48	1-50	
4130 - Aspen	Medium Density Pole	5.0	47	1-50	
4199 - Other Mixed Upland Deciduous	High Density Pole	13.5	79	1-50	
6124 - Lowland Spruce- Fir	Medium Density Pole	16.1	48		Openings throughout stand with red pine regenerating.
6117 - Lowland Deciduous, Mixed Coniferous	Medium Density	18.1	25		Mostly red maple and tag alder with scattered pockets of white pine, red pine, black spruce, aspen and paper birch.
6112 - Lowland Aspen	Low Density Pole	5.6	53	1-50	Small areas of trees interspersed with tag alder and wetland.
4199 - Other Mixed Upland Deciduous	Medium Density Log	7.2	54	1-50	
4133 - Aspen, Mixed Pine	Medium Density Log	5.8	62	51-80	
4130 - Aspen	Medium Density Pole	9.5	50	81-110	Sparse vegetation in the understory. Scattered open areas throughout stand.
4130 - Aspen	Medium Density Log	8.8	70	81-110	
6127 - Lowland Pine	High Density Log	3.4	69	51-80	Small acreage of red pine saw logs. Adjacent to a wetland.
6117 - Lowland Deciduous, Mixed Coniferous	Low Density Pole	9.3	53		Sparse coverage throughout stand. Greater amount of trees present in the higher ground.
4130 - Aspen	Low Density Log	8.3	70	51-80	Log-sized aspen overstory. Stand seperated by an area of dense tag alder.
6112 - Lowland Aspen	High Density Sapling	46.8	24		
6126 - Lowland Jack Pine	Medium Density Pole	24.6	36	1-50	Aspen present on the drier ground throughout the stand.
4130 - Aspen	Medium Density Log	13.0	68	1-50	Log-sized aspen stand. Steeper slopes in northern portion of stand.

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## Atlanta Mgt. Unit

## 5 – Forested Stands

Compartment: 136  
Year of Entry: 2014

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
80	4130 - Aspen	High Density Sapling	64.0	18		Well-stocked young stand.
82	6139 - Mixed Lowland Forest	Low Density Pole	29.6	70		Small patches of trees on higher ground surrounded by tag alder.
86	6124 - Lowland Spruce- Fir	High Density Pole	23.6	66		Areas of standing water abundant throughout the stand.
87	6120 - Lowland Cedar	High Density Pole	63.0	83	51-80	Cedar regeneration located in the openings.
88	6124 - Lowland Spruce- Fir	Medium Density Pole	12.0	68	1-50	
91	6126 - Lowland Jack Pine	High Density Pole	6.1	59	81-110	
92	4123 - Red Oak	Medium Density Log	7.6	74	81-110	Medium-form oak stand.
93	4132 - Aspen, Jack Pine	Medium Density	6.0	27		
94	6124 - Lowland Spruce- Fir	Medium Density Pole	12.1	58		
95	6112 - Lowland Aspen	Medium Density Pole	12.0	63	51-80	Variable density throughout the stand. Overstory ranges from areas of dense saplings to log-sized trees.
96	4130 - Aspen	Medium Density Log	6.9	62	81-110	Aspen log stand with a lowland/wet area in the northern portion of the stand.
98	4199 - Other Mixed Upland Deciduous	High Density Sapling	62.9	26		Scattered large oak with oak and aspen in the understory.
100	4130 - Aspen	High Density Log	21.7	72	81-110	Stand contains an area of higher ground consisting of mostly red pine.
106	4119 - Mixed Northern Hardwoods	High Density Log	4.8	64	1-50	Northern hardwood stand. Birch and big-tooth aspen declining throughout stand. Remainder of tree species are pole-sized.
107	4130 - Aspen	Medium Density	109.9	6		
108	4199 - Other Mixed Upland Deciduous	Low Density Log	6.2	57	1-50	
109	4130 - Aspen	High Density Pole	45.6	40	81-110	Upland pole size aspen stand with scattered spruce and pine.
110	6139 - Mixed Lowland Forest	High Density Pole	14.6	44		

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## Atlanta Mgt. Unit

## 5 – Forested Stands

Compartment: 136  
Year of Entry: 2014

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
112	6112 - Lowland Aspen	Medium Density Pole	44.5	44	1-50	Stand is dry adjacent to the opening. However, as you progress east the stand gets wetter.
114	4130 - Aspen	Medium Density Log	44.2	52	111-140	Log-sized aspen beginning to decline. Wind thrown aspen present throughout the stand.
115	6123 - Lowland Fir	Low Density Pole	4.5	38		Stand has a timber trespass from adjacent private property timber sale to the east. Stand regenerating well.
116	6112 - Lowland Aspen	High Density Pole	6.3	27		
117	4130 - Aspen	High Density Pole	43.4	40		Scattered large red pine in the canopy.
118	42290 - Natural Mixed Pine	High Density Pole	66.7	58	111-140	Patchy areas of aspen throughout stand. Variable pine size and density.
119	42210 - Natural Red Pine	High Density Log	8.9	64	81-110	Small acreage of log-sized red pine with pole-sized black spruce.
121	4191 - Mixed Upland Deciduous with Conifer	Medium Density Pole	7.1	52	1-50	Upland aspen along S. Ward Branch Rd. Small acreage.
122	42121 - Planted Jack Pine, Mixed Deciduous	Medium Density	13.8	6		
123	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	10.0	74	51-80	
124	4130 - Aspen	Medium Density Log	4.9	76	81-110	
125	42140 - Planted Mixed Pine	Medium Density Pole	6.5	41	81-110	
126	6125 - Lowland Black Spruce, Jack Pine	Medium Density Pole	3.3	64		
127	6127 - Lowland Pine	Low Density Pole	5.5	44		
128	6117 - Lowland Deciduous, Mixed Coniferous	Medium Density Log	5.9	74	81-110	
129	4130 - Aspen	Medium Density Log	3.7	68	81-110	Small lowland inclusion of cedar and black spruce located within the stand.
130	6112 - Lowland Aspen	Medium Density Pole	6.6	76	51-80	

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Atlanta Mgt. Unit

## 5 – Forested Stands

Compartment: 136  
Year of Entry: 2014

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
133	6112 - Lowland Aspen	Medium Density Pole	25.2	67	51-80	Mature aspen with wet ground in places.
134	6130 - Fir, Aspen, Maple	Medium Density Pole	12.8	27		
135	6119 - Mixed Lowland Deciduous Forest	Medium Density Pole	44.1	47		Wet ground, low density of trees.
137	6117 - Lowland Deciduous, Mixed Coniferous	Low Density Pole	24.1	43		Very wet.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
1	6229 - Mixed lowland shrub	9.8	N/A	Unspecified	
6	3102 - Grass	5.5	N/A	Unspecified	
9	3102 - Grass	1.2	N/A	Unspecified	New stand added.
13	310 - Herbaceous Openland	1.5	N/A	Unspecified	
14	6220 - Alder/willow	3.0	N/A	Unspecified	Stand swapped from Non-Forested to Forested. appears to be a cedar harvest, check stand records Stand swapped from Forested to Non-Forested.
25	3302 - Low Density Conifer Trees	14.2			Dead jack pine overstory with sparse regeneration in the understory.
37	3102 - Grass	1.3	N/A	Unspecified	
41	6229 - Mixed lowland shrub	18.5	N/A	Unspecified	Stand swapped from Forested to Non-Forested.
42	6220 - Alder/willow	10.0	N/A	Unspecified	New stand added.
44	3102 - Grass	1.2	N/A	Unspecified	
45	3302 - Low Density Conifer Trees	2.2	N/A	Unspecified	New stand added.
48	6220 - Alder/willow	14.7	N/A	Unspecified	New stand added.
52	50 - Water	2.4	N/A	Unspecified	
53	3103 - Rubus-Fern	1.4	N/A	Unspecified	New stand added.
55	6220 - Alder/willow	1.8	N/A	Unspecified	New stand added.
61	629 - Mixed non-forested wetland	1.2	N/A	Unspecified	New stand added.
62	6229 - Mixed lowland shrub	1.1	N/A	Unspecified	New stand added.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
63	6220 - Alder/willow	4.0	N/A	Unspecified	New stand added. Stand swapped from Forested to Non-Forested.
64	3302 - Low Density Conifer Trees	2.5	N/A	Unspecified	New stand added.
65	6229 - Mixed lowland shrub	14.0	N/A	Unspecified	New stand added.
67	6220 - Alder/willow	4.5	N/A	Unspecified	New stand added.
68	3102 - Grass	2.3	N/A	Unspecified	
70	6220 - Alder/willow	1.1	N/A	Unspecified	New stand added.
71	6229 - Mixed lowland shrub	1.1	N/A	Unspecified	New stand added.
72	3302 - Low Density Conifer Trees	8.9	N/A	Unspecified	Stand swapped from Forested to Non-Forested.
73	6220 - Alder/willow	2.2	N/A	Unspecified	New stand added.
74	6220 - Alder/willow	2.0	N/A	Unspecified	New stand added.
77	3102 - Grass	2.3	N/A	Unspecified	
81	6229 - Mixed lowland shrub	1.0	N/A	Unspecified	New stand added.
83	6220 - Alder/willow	6.3	N/A	Unspecified	New stand added.
84	6220 - Alder/willow	11.5	N/A	Unspecified	New stand added.
85	3102 - Grass	1.4	N/A	Unspecified	
89	6220 - Alder/willow	1.1	N/A	Unspecified	New stand added.
90	6230 - Cattail	5.6	N/A	Unspecified	Stand swapped from Forested to Non-Forested.
97	3102 - Grass	2.4	N/A	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
99	6220 - Alder/willow	22.3	N/A	Unspecified	Stand swapped from Forested to Non-Forested.
102	6220 - Alder/willow	24.1	N/A	Unspecified	New stand added.
103	6223 - Inundated Shrub Swamp	2.8	N/A	Unspecified	Stand swapped from Forested to Non-Forested.
104	3102 - Grass	1.3	N/A	Unspecified	
105	3102 - Grass	2.8	N/A	Unspecified	
111	3102 - Grass	3.1	N/A	Unspecified	
113	3102 - Grass	3.7	N/A	Unspecified	
120	3102 - Grass	5.3	N/A	Unspecified	
132	6220 - Alder/willow	1.7	N/A	Unspecified	Stand swapped from Forested to Non-Forested.
136	6220 - Alder/willow	15.7	N/A	Unspecified	Stand swapped from Forested to Non-Forested.



**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
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.