



# Compartment Review Presentation

## Pigeon River Country Forest Management Unit

Compartment 5

Entry Year 2016

Acreage: 1,437

County Cheboygan

Management Area: Pigeon River Country

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**Revision Date:** 08/29/2014

**Stand Examiner:** Richard McDonald

**Legal Description:**

T34N R01W Sections 23, 26 & 35

**Identified Planning Goals:**

Maintain current species mix and apply appropriate management techniques to mature stands of timber that are in need of treatment, as well as, maintain and improve existing wildlife openings.

**Soil and topography:**

Uplands are generally rolling to mostly level with some relatively steep terrain in the north end of section 23. Soils are predominantly variations of Rubicon Sand in the uplands with Tawas Peat in the lowlands.

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

Solid state ownership throughout the compartment, but is adjacent to private land to the north.

**Unique Natural Features:**

No Unique Natural Features known.

**Archeological, Historical, and Cultural Features:**

No Archeological, Historical, or Cultural Features known.

**Special Management Designations or Considerations:**

The southern portion of section 35 was removed from this compartment and added to the Dog Lake Special Management Area (Compartment 11).

**Watershed and Fisheries Considerations:**

Weed Creek and the Lewis Branch of Adair Creek flow through the compartment and are part of the Black River watershed. Nearly half of Osmun Lake falls within compartment boundaries.

**Wildlife Habitat Considerations:**

A Wildlife Division representative will be available to participate in the formal compartment review.

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

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 50 and 200 feet. Beneath the glacial drift is the Devonian Antrim Shale and Traverse Group that are quarried for cement products and stone elsewhere in the State. There are no nearby gravel pits, but there should be potential although, in keeping with the Concept of Management, extraction of surface minerals will rarely be allowed. The Antrim Shale is thin or missing in this area and the Niagaran trend lies to the south and east. There is no oil and gas potential for known producing formations in this compartment. This compartment falls entirely within the Consent Order Area, so no new leases shall be issued in this area.

**Vehicle Access:**

There is good access to most, if not all, of the compartment. Most roads, however, have been closed to wheeled motorized vehicles with virtually all those closures still intact.

**Survey Needs:**

None required.

**Recreational Facilities and Opportunities:**

The High Country Pathway passes through section 35. The primary recreational pursuit in this area is hunting.

**Fire Protection:**

Access is good in case of any fire suppression efforts, though the area is generally at low risk to any wildfire potential.

**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**

# Cover Type & Treatment Map

Compartment: 005  
 T34N R01W Sec. 23, 26, 35  
 County: Cheboygan  
 Unit: Pigeon River Country  
 YOE: 2016  
 Acres: 1,437 GIS Calculated  
 Examiner: Richard McDonald  
 Map Revised: 06/25/2014  
 Map Phase: Pre-Review

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

23  
 26  
 35



### Legend

- 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)
- Stream
- Intermittent Stream
- Hiking Trails
- Hiking Trail
- Lakes and Rivers
- State Forest Land

### Treatments

- Clearcut (w/Reserves, Patch/Strip)
- Seed Tree (w/Reserves)
- Selection (Group, Single Tree)
- Other Treatment - See Comments

### Forest Stands

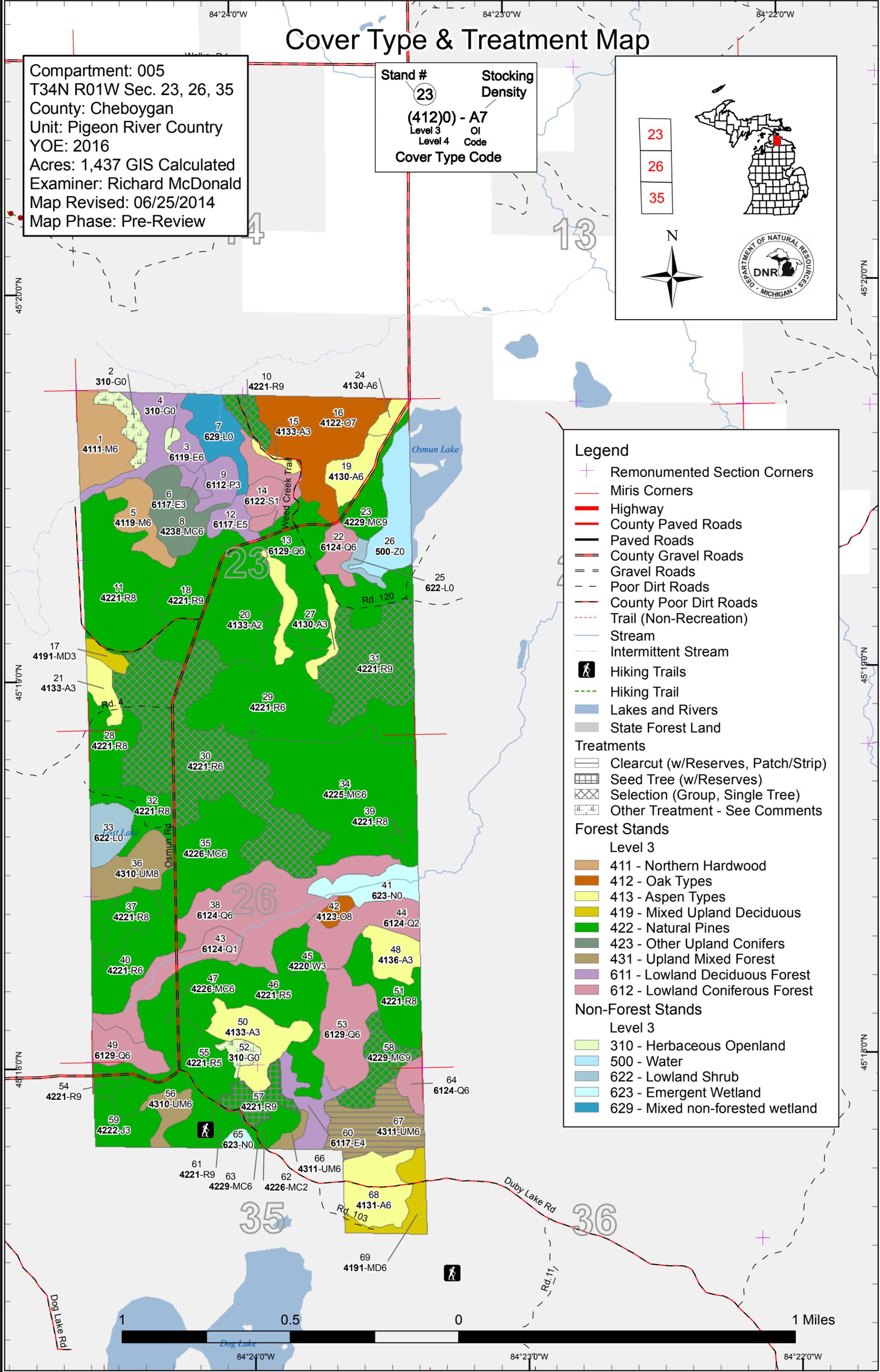
Level 3

- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 431 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest

### Non-Forest Stands

Level 3

- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed non-forested wetland



# Stand Boundary Map

Compartment: 005  
 T34N R01W Sec. 23, 26, 35  
 County: Cheboygan  
 Unit: Pigeon River Country  
 YOE: 2016  
 Acres: 1,437 GIS Calculated  
 Examiner: Richard McDonald  
 Map Revised: 05/12/2014  
 Map Phase: Pre-Review

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

23  
 26  
 35



## Legend

- + 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)
- Stream
- Intermittent Stream
- Hiking Trail
- Hiking Trails
- Stand Boundaries

## Forest Stands

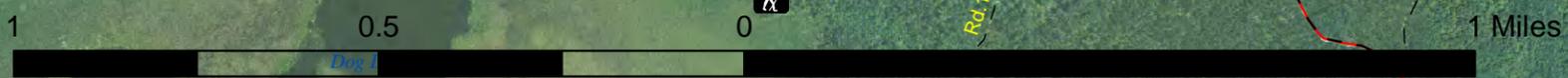
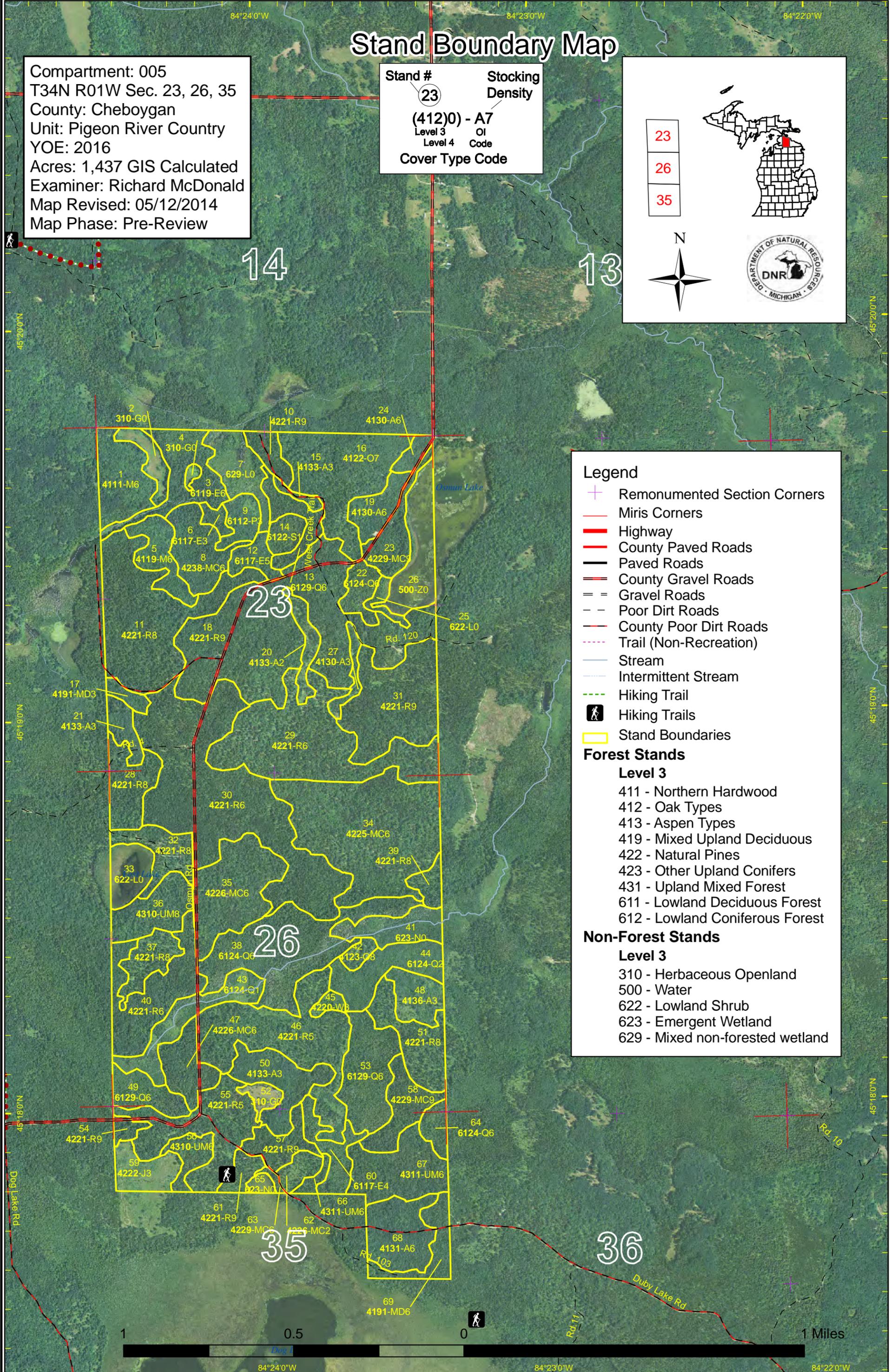
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## Non-Forest Stands

### Level 3

- 310 - Herbaceous Openland
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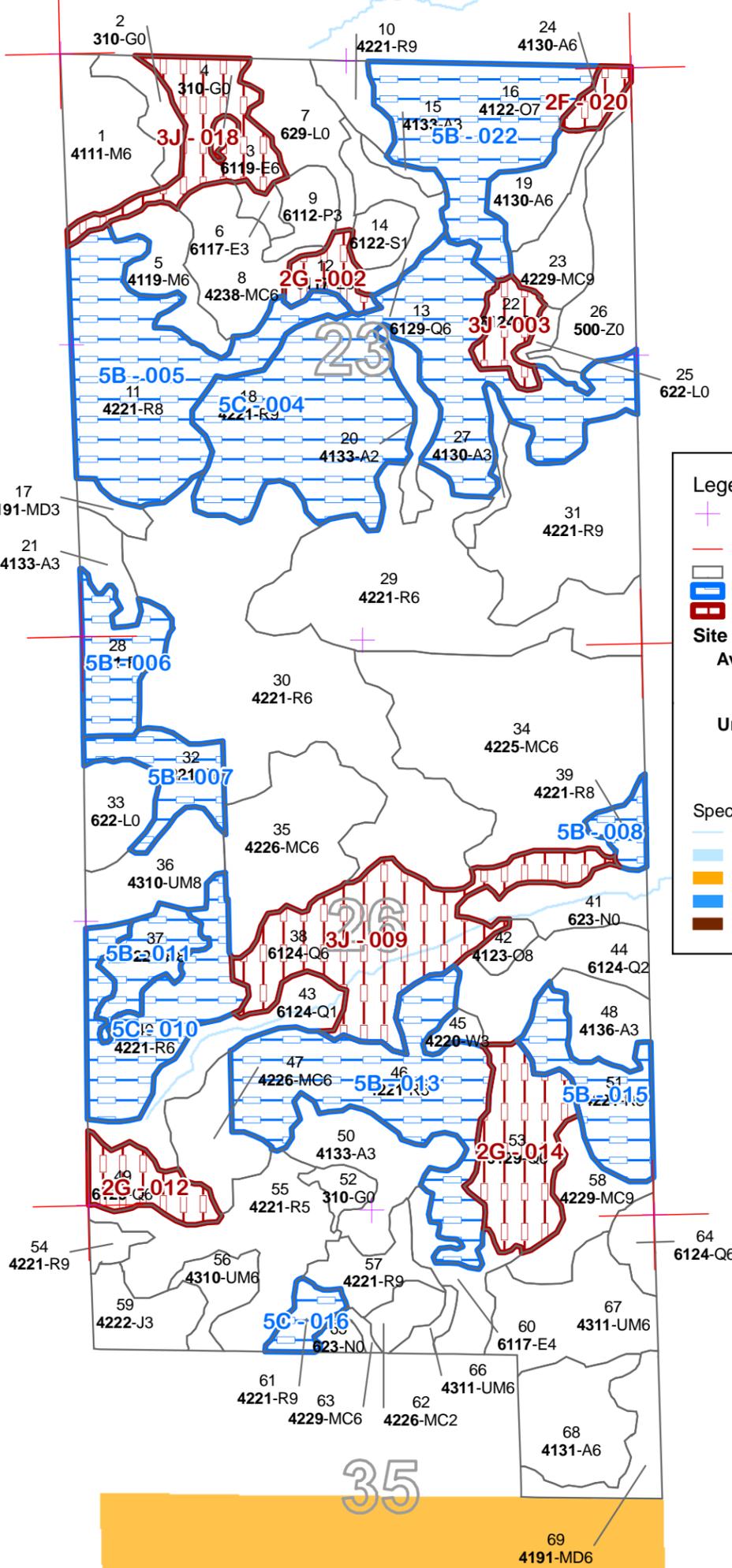
84°24'0"W 84°23'0"W 84°22'0"W 45°19'0"N 45°18'0"N 45°17'0"N

# Special Conservation Areas & Site Conditions Map

Compartment: 005  
 T34N R01W Sec. 23, 26, 35  
 County: Cheboygan  
 Unit: Pigeon River Country  
 YOE: 2016  
 Acres: 1,437 GIS Calculated  
 Examiner: Richard McDonald  
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**Stand #**  
 23  
**Stocking Density**  
 (412)0 - A7  
 Level 3 OI  
 Level 4 Code  
**Cover Type Code**

23  
 26  
 35



**Legend**

- Remonumented Section Corners
- Miris Corners
- Stand Boundaries
- Available w/ Constraints (Factor - Number)
- Unavailable (Factor - Number)

**Site Condition Type**

**Available Factors W/ Constraints**

- 5B: Retention for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality

**Unavailable Factors**

- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 3J: Water quality / BMPs (stream, river, or lake)

**Special Conservation Areas**

- Cold Water Streams
- Cold Water Lakes and National Natural Landmarks
- High Priority Trout Stream Buffer
- Wildlife Management Areas



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	0	21	0	28	51	0	0	0	0	0	0	0	0	0	100
Herbaceous Openland	14	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Jack Pine	13	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Lowland Aspen/Balsam Poplar	0	9	0	0	0	0	0	0	0	0	0	0	0	0	9
Lowland Conifers	0	0	43	0	0	0	18	0	38	68	0	0	0	0	168
Lowland Deciduous	0	0	0	3	0	13	0	0	32	0	0	0	0	0	48
Lowland Shrub	34	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Lowland Spruce/Fir	0	0	0	0	0	7	0	0	0	0	0	0	0	0	7
Marsh	18	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Mixed Upland Deciduous	0	0	4	0	0	0	0	0	13	0	0	0	0	0	17
Natural Mixed Pines	0	6	0	0	0	1	0	14	154	0	0	0	0	0	175
Northern Hardwood	0	0	0	0	0	15	0	0	23	0	0	0	0	0	38
Oak	0	0	0	0	0	0	0	0	51	0	0	0	0	0	51
Red Pine	0	0	0	0	0	112	109	0	354	56	0	0	0	7	637
Upland Conifers	0	0	0	0	21	0	0	0	0	0	0	0	0	0	21
Upland Mixed Forest	0	0	0	0	0	37	3	0	19	0	0	0	0	0	60
Water	25	0	0	0	0	0	0	0	0	0	0	0	0	0	25
White Pine	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
<b>Total</b>	<b>105</b>	<b>36</b>	<b>50</b>	<b>31</b>	<b>72</b>	<b>185</b>	<b>130</b>	<b>14</b>	<b>683</b>	<b>124</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>1437</b>



## Report 2 – Proposed Treatment Summaries

**Don River Country Mgt. Unit**  
**Year of Entry 2016**

**Compartment 005**  
**Total Compartment Acres: 1,437**

### Acres by Treatment Type

Commercial Harvest - 222    Tree Planting - 0    Other - 0  
 Habitat Cut - 0    Opening Maintenance - 13

### Cover Type by Harvest Method

	<i>Clearcut</i>	<i>Selection</i>	<i>Seed Tree</i>	<i>Shelterwood</i>	<i>Thinning</i>	<i>Other - Specify</i>	<i>Total Acres</i>
<b>Natural Pines</b>	0	182	12	0	0	0	194
<b>Upland Mixed Forest</b>	29	0	0	0	0	0	29
<b>Total</b>	<b>29</b>	<b>182</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>222</b>



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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
10 53005010-Cut	7.3	42210 - Natural Red Pine	High Density Log	80	111-140	Harvest	Single Tree Selection	4221 - Natural Red Pine	Cmpt. Review Proposal

Prescription Log/pole size natural Red Pine stand. Selectively mark to cut to release crowns. No regeneration cut at this time, although there is some opportunity to release some existing regeneration present in the stand. Mark down to 80 - 100 sq. ft.

Other Comments:

Next Steps: This cut is to encourage growth on residual trees. The next entry should be to create regeneration holes in the stand to try and stimulate regeneration.

Proposed Start Date: 10/01/2015

30 53005030-Cut	112.1	42210 - Natural Red Pine	High Density Pole	50	111-140	Harvest	Single Tree Selection	4221 - Natural Red Pine	Cmpt. Review Proposal
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Prescription Selectively mark to cut primarily Red Pine. The north end has generally larger trees and may provide opportunities to create larger regeneration holes. The south and east of Osmun Road generally runs smaller in diameter, so this end will resemble more of a thinning to release the crowns and encourage the residual trees to put on growth. There is also some areas of some advanced regeneration which should be released and encouraged. Aspen and Red Maple is a minor component and where it does not pose a hindrance to developing Red Pine will be left in the stand to maintain some species diversity. Also, what Oak component there is will be left.

Other Comments: The next entry into this stand should be to start cutting more and larger regeneration holes to continue to strive for a mixed age condition.

Next Steps: Regen survey, natural, Within the gaps created, a mix of red and white pine, as well as red maple.

Proposed Start Date: 10/01/2015

31 53005031-Cut	45.8	42210 - Natural Red Pine	High Density Log	85	111-140	Harvest	Single Tree Selection	4221 - Natural Red Pine	Cmpt. Review Proposal
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Prescription Selectively mark to cut individual trees to create crown spacing and create larger regeneration holes where possible. Pockets of advanced regeneration does exist and should be released whenever possible. Maintain Oak component within the stand. Residual BA will vary throughout the stand depending on site specific goals such as regeneration holes, existing regen. and crown release areas.

Other Comments:

Next Steps: The next entry should see similar management and establishing new regeneration holes and encouraging a mixed age condition in the stand and similar stand types throughout the area.

Proposed Start Date: 10/01/2015

57 53005057-Cut	12.0	42210 - Natural Red Pine	High Density Log	85	111-140	Harvest	Seed Tree	4221 - Natural Red Pine	Cmpt. Review Proposal
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Prescription Mark seed trees to leave with no plan on returning to harvest them. Natural regeneration is desired and will be encourage scarification of the soil either during harvest operations or post-harvest mechanical treatment, which would be unlikely due to its size.

Other Comments:

Next Steps: Regeneration should be monitored according to policy to determine success.

Proposed Start Date: 10/01/2015



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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
58 53005058-Cut	16.5	42290 - Natural Mixed Pine	High Density Log	85	111-140	Harvest	Group Selection	42290 - Natural Mixed Pine	Cmpt. Review Proposal

Prescription Selectively mark to cut emphasizing large group selection to try and establish good Red Pine reproduction. There is a significant Black Spruce component, so it should also respond well to this kind of treatment. This stand will be combined with stand 67 into the same sale so tree length skidding during logging operations will be encouraged which will promote a better chance for Red Pine seed to get established.

Other Comments:

Next Steps: Follow regeneration survey guidelines/timelines to monitor regeneration success and adequate stocking levels for Red Pine regeneration.

Proposed Start Date: 10/01/2015

67 53005067-Cut	28.9	4311 - Pine, Aspen Mix	High Density Pole	54	81-110	Harvest	Clearcut with Reserves	4311 - Pine, Aspen Mix	Cmpt. Review Proposal
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Prescription Clearcut w/ reserves leaving 2-3 retention islands while also maintaining Oak component. Mark to leave some seed tree Red Pine from the pocket that exists along the swamp on the west side of the stand. Stand should be combined with stand 58. Oak is to be cut throughout the stand, but left as a component of the retention islands.

Other Comments: A mixed upland forest is the objective with this stand and the resulting regeneration following the cut should reflect that with aspen and jack pine dominating the species mix.

Next Steps: A regeneration survey should follow using policy guidelines/timelines to monitor regeneration success.

Proposed Start Date: 10/01/2015

2 NF_53005002-NonFor	8.3	3105 - Mixed Upland Herbaceous				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
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Prescription Maintain opening by disc and planting.

Other Comments:

Next Steps:

Proposed Start Date: Unspecified

52 NF_53005052-NonFor	4.6	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
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Prescription Maintain opening by disc and planting.

Other Comments:

Next Steps:

Proposed Start Date: Unspecified

**Total Treatment Acreage Proposed: 235.3**



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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**

**Availability for Management**

Total Acres	Acres		Dominant Site Conditions	No	5C	5B	3J	2G	2F
	Available	Not Available							
100	95	5	Aspen	95					5
13	13		Jack Pine	13					
9	9		Lowland Aspen/Balsam Poplar	9					
168	61	106	Lowland Conifers	61			64	42	
48	16	32	Lowland Deciduous	16			24	8	
7	7		Lowland Spruce/Fir	7					
17	17		Mixed Upland Deciduous	17					
175	175		Natural Mixed Pines	175					
38	38		Northern Hardwood	38					
51	51		Oak	4		47			
637	637		Red Pine	290	153	194			
21	21		Upland Conifers	21					
60	60		Upland Mixed Forest	60					
3	3		White Pine	3					
1,345	1,203	143	Total Forested Acres	808	153	242	88	50	5
	89%	11%	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	Dominant Site Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
				7				
<b>Comments:</b>								
				8				
<b>Comments:</b>								
				112				
<b>Comments:</b>								

46

Comments:

5

Comments:

12

Comments:

17

Comments:

29

Comments:



### 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
<b>Comments</b>				

**Report 7 – EXISTING SPECIAL CONSERVATION AREA DETAILS**

\* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

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

Conservation Area	Type	Description
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.
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.
SCA	Non-Dedicated Natural Areas and National Natural Landmarks	This category is comprised of those Natural, Wilderness and Wild Areas that have been nominated or proposed for legal dedication, but for which legal dedication by legislature has not occurred. The nomination process is defined by Part 351, Wilderness and Natural Areas, of the Natural Resources and Environmental Protection Act, 1994 PA 451. The program is administered by the DNR. Nominations require the submittal of a Natural Areas Nomination Packet to the DNR. This is an active program, with proposed sites in various stages of review. Final dedication of nominated Natural, Wilderness and Wild Areas is accomplished through legislative action.
HCVA	Legally dedicated Natural Areas, Wilderness or Wild Areas	The nomination process is defined by Part 351, Wilderness and Natural Areas, of the Natural Resources and Environmental Protection Act, 1994 PA 451. The program is administered by the DNR. Nominations require the submittal of a Natural Areas Nomination Packet to the DNR. This is an active program, with proposed sites in various stages of review. Final dedication of nominated Natural, Wilderness and Wild Areas is accomplished through legislative action.

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## Pigeon River Country Mgt. Unit

## Report 8 – Forested Stands

Compartment: 005  
Year of Entry: 2016

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4111 - S.Maple, Hard Mast Association	High Density Pole	23.3	85	81-110	Small pole size hardwood of decent quality but smaller size and low priority due to its small size and location. Heavy BBD throughout, however. Minor Oak component.
6119 - Mixed Lowland Deciduous Forest	High Density Pole	24.1	84	51-80	Very wet stand with creek flowing through it.
4119 - Mixed Northern Hardwoods	High Density Pole	14.8	50	51-80	Small diameter hardwood
6117 - Lowland Deciduous, Mixed Coniferous	High Density Sapling	3.4	37	1-50	
42380 - Non Pine Upland Conifer, Mixed Deciduous	High Density Pole	21.0	45	51-80	Wet ground mix
6112 - Lowland Aspen	High Density Sapling	8.7	15		Wet aspen stand cut in 1999.
42210 - Natural Red Pine	High Density Log	7.3	Uneven Age	111-140	Mixed age natural pine stand, mostly Red Pine. A variety of size classes with aspen mixed in.
42210 - Natural Red Pine	Medium Density Log	62.8	85	51-80	Stand was thinned in 1999/2000. Marked pine, aspen & hardwoods were cut. Oak left. Center part of the stand is a little more open and has a mix of regen. species
6117 - Lowland Deciduous, Mixed Coniferous	Medium Density Pole	7.6	80		Wet hardwood stand
6129 - Mixed Coniferous Lowland Forest	High Density Pole	11.8	66		Narrow conifer strip buffering Treed Bog. Wet most of the year.
6122 - Black Spruce	Low Density Sapling	6.6	50		Treed Bog
4133 - Aspen, Mixed Pine	High Density Sapling	2.6	37		Narrow strip cut back in 1977. Aspen coming in well mixing with pine.
4122 - Oak, Pine	Low Density Log	47.1	85	1-50	Stand cut in 1999 with pine and oak residual. BA of residual varies widely throughout the stand with mostly Oak in the interior and along the north edge and pine along the south and west. Stand sustained early browse damage to aspen regen, but has rebounded with a good aspen, white pine, red pine mix with some oak coming in.
4191 - Mixed Upland Deciduous with Conifer	High Density Sapling	4.0	28		
42211 - Natural Red Pine, Mixed Deciduous	High Density Log	113.5	85	81-110	Highly mixed stand of pine, oak and aspen. Mix age classes of aspen due to cutting while in private ownership back in the '80's. Allow aspen to develop further before any management.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
19	4130 - Aspen	High Density Pole	11.9	37	51-80	Emerging pole stand
20	4133 - Aspen, Mixed Pine	Medium Density	8.3	37		
21	4133 - Aspen, Mixed Pine	High Density Sapling	7.8	15		Stand cut 1999 with Red Pine and Oak residual. Good aspen regeneration
22	6124 - Lowland Spruce-Fir	High Density Pole	8.9	84	51-80	Small wet swamp with springs feeding Osmun Lake.
23	42290 - Natural Mixed Pine	High Density Log	13.7	75	81-110	Narrow strip between road and Osmun Lake. The narrow part has low ground in spots and is wet certain times of the year. This is primarily the result of the creation of a berm all along the west edge of the lake to contain the water. Uncertain when this was done. The south end incorporated part of another stand that was dominated by pine but has a significant young aspen component, no doubt as a result of being cut when it was under private ownership back in the '80's. There is a fairly popular camping spot in this south end.
24	4130 - Aspen	High Density Pole	4.6	48	51-80	Steep hillside ending at the road edge. The road has sort of a blind corner right at the start of this stand which makes for somewhat of a safety hazard. There is no where to get off the road for any landing area. This stand would make a good retention stand.
27	4130 - Aspen	High Density Sapling	4.8	37		
28	42210 - Natural Red Pine	Medium Density Log	18.0	85	51-80	Mature red pine residual with aspen/pine understory. Aspen and hardwood was cut out when it was in private ownership back in the '80's.
29	42210 - Natural Red Pine	High Density Pole	70.8	60	51-80	Mixed age Red Pine with plenty of red pine regeneration. Stand had aspen, maple and marked pine cut in 1999. Aspen came back but suffered some browse damage and now Red Pine seems to be dominating the site. There is still some pockets of aspen that have survived but is being squeezed out by the pine.
30	42210 - Natural Red Pine	High Density Pole	112.1	50	111-140	Mixed red pine with oak, aspen. Within this stand there are pockets of planted red pine planted back in the '60's. There are visible rows that are mixed with naturally growing red pine.
31	42210 - Natural Red Pine	High Density Log	45.8	85	111-140	Heavy pocket of natural red pine with a variety of size classes.
32	42210 - Natural Red Pine	Medium Density Log	15.1	91	1-50	Stand had group selection last entry to try to mimick the surrounding Red Pine development. Aspen regen.is up and pine regen is slowly developing.
34	42250 - Pine, Oak	High Density Pole	83.5	85	51-80	Stand was cut in 1983 and had aspen and maple removed. Mixed age Red Pine and substantial Oak component.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
35	42260 - Natural Pine, Mixed Deciduous	High Density Pole	37.8	85	51-80	Stand cut in 1983 and had aspen, maple removed. Mixed size classes of aspen and pine.
36	4310 - Pine, Oak Mix	Medium Density Log	19.2	85	1-50	
37	42210 - Natural Red Pine	Medium Density Log	12.7	97	1-50	Group selection last entry. Mostly aspen regen. Pine coming on slowly, but coming on.
38	6124 - Lowland Spruce- Fir	High Density Pole	55.4	90	51-80	
39	42210 - Natural Red Pine	Medium Density Log	5.8	97	51-80	Shelterwood cut with regen holes last entry. No significant red pine regen yet.
40	42211 - Natural Red Pine, Mixed Deciduous	High Density Pole	33.6	85	111-140	Mixed size class of Red Pine, mature aspen and white pine.
42	4123 - Red Oak	Medium Density Log	3.8	85	1-50	Small Oak knob surrounded by swamp.
43	6124 - Lowland Spruce- Fir	Low Density Sapling	21.2	25		
44	6124 - Lowland Spruce- Fir	Medium Density	22.1	28		Stand cut in 1986. Mixed conifer regen gradually filling in along with balsam poplar and aspen. Some pockets not regenerating well though.
45	42200 - Natural White Pine	High Density Sapling	3.0	25		Small pocket of white pine
46	42210 - Natural Red Pine	Medium Density Pole	58.1	85	1-50	Stand had aspen and hardwood removed in 1998. Red pine residual with some white pine. Long term management is to let the aspen develop but it will remain a mixed stand.
47	42260 - Natural Pine, Mixed Deciduous	High Density Pole	15.8	85	81-110	Multiple age classes of pine and aspen.
48	4136 - Aspen, Mixed Conifer	High Density Sapling	12.9	16		Stand cut in 1998. Initially there was quite a bit of browsing damage, but has recovered somewhat from that. There are pockets of poor regeneration probably due to that browsing, but is filling in with pine and fir.
49	6129 - Mixed Coniferous Lowland Forest	High Density Pole	12.8	94	81-110	Very wet swamp that drains into the head of Lewis/Adair Creek.
50	4133 - Aspen, Mixed Pine	High Density Sapling	22.4	45	1-50	Nice emerging pole stand cut in 1969 just not getting good diameters.
51	42210 - Natural Red Pine	Medium Density Log	21.9	97	51-80	Stand had aspen, hardwood and marked pine cut in 1998. A mix of pine regen. is coming back very well.



Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
6129 - Mixed Coniferous Lowland Forest	High Density Pole	29.2	85	51-80	
42210 - Natural Red Pine	High Density Log	3.5	85	111-140	Pocket of mature pine along Osmun Road. Part of a larger stand to the west in compartment 4 that had the aspen removed during the late 1980's.
42210 - Natural Red Pine	Medium Density Pole	38.2	60	1-50	Residual pine left after cutting in 1998, mostly red pine and more log size north of Duby Lake rd. and poles south of the road. Good aspen regen and also jack pine in parts of the stand.
4310 - Pine, Oak Mix	High Density Pole	8.5	54	51-80	Poor site pine and oak
42210 - Natural Red Pine	High Density Log	12.0	85	111-140	Mature red pine stand
42290 - Natural Mixed Pine	High Density Log	16.5	85	111-140	
42221 - Natural Jack Pine, Mixed Deciduous	High Density Sapling	13.5	7		Stand was cut in 2007. Natural Jack Pine regen is coming back very well along with aspen.
6117 - Lowland Deciduous, Mixed Coniferous	Low Density Pole	13.1	50	1-50	Wet, brushy, semi-open swamp hardwood w/ conifers
42210 - Natural Red Pine	High Density Log	6.2	85	81-110	Pocket of natural red pine along Dog Lake was thinned in 2006.
42260 - Natural Pine, Mixed Deciduous	Medium Density	6.3	16		
42290 - Natural Mixed Pine	High Density Pole	1.3	50	81-110	Narrow strip of pine between Duby Lake Rd and Dog Lake marsh.
6124 - Lowland Spruce- Fir	High Density Pole	6.3	69	51-80	Part of a larger swamp to the east. Not a great quality swamp. Looks to be pretty wet most of the year.
4311 - Pine, Aspen Mix	High Density Pole	2.9	60	1-50	Pine was left as residual when it was cut and aspen came in really well. One th edge of wet ground
4311 - Pine, Aspen Mix	High Density Pole	28.9	54	81-110	Jack Pine, Aspen mix with good Oak component. Red Pine sawlogs along swamp edge.
4131 - Aspen, Oak	High Density Pole	24.4	47	81-110	Nice aspen stand could be considered for cutting except stand 62 adjacent to the north is almost 60 acres and would put this whole block well beyond the 40 acre guidelines in the Concept. This aspen is of a size and quality that it can wait until next cutting period without any detriment to the stand.

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Pigeon River Country Mgt. Unit

### Report 8 – Forested Stands

Compartment: 005  
Year of Entry: 2016



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	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
<b>69</b>	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	12.7	85	81-110	

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Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
2	3105 - Mixed Upland Herbaceous	8.3	No	Unspecified	A remote opening that at one time I believe was managed as a wildlife opening, but it hasn't received any attention in many years.
4	3105 - Mixed Upland Herbaceous	1.4	No	Unspecified	Small opening surrounded by lowland hardwood
7	629 - Mixed non-forested wetland	17.6	No	Unspecified	Beaver flooded swamp area with all timber now dead and willow/alder taking over, except, due to periodic beaver activity, some of those shrubs are dying back.
25	6220 - Alder/willow	3.8	No	Unspecified	lowland tag alder/willow at the south end of Osmun Lake
26	50 - Water	24.7	No	Unspecified	Osmun Lake
33	6221 - Fen	12.6	No	Unspecified	"Lost Lake"
41	6239 - Mixed Emergent Wetland	15.9	No	Unspecified	Flooded by beavers in the past that killed the timber. Still has periodic flooding.
52	3102 - Grass	4.6	No	Unspecified	
65	6239 - Mixed Emergent Wetland	2.5	No	Unspecified	Northern most tip of Dog Lake marsh. Scattered Tamarack saplings throughout.