



**PIGEON RIVER COUNTRY MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT 27

ENTRY YEAR: 2014

Compartment Acreage: 1592

County: Cheboygan

Review Date:

August 22, 2012

Stand Examiner:

Rick McDonald

Legal Description:

T33 - R01E sections 19, 20 & 21

RMU (if applicable):

Not Applicable

Management Goals:

Maintain current species mix and apply appropriate management techniques to mature stands of timber that are in need of treatment.

Soil and Topography:

Flat to gently rolling terrain with predominantly sandy soil types throughout the compartment of varying names and associations, except in the lowland swamp types.

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

Primarily solid state ownership with some in-holdings of private land. Land surrounding this compartment is mostly all state-owned .

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

A representative from Michigan's Natural Features Inventory will be on hand at the formal compartment review.

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

None identified.

Special Management Designations or Considerations:

None

Watershed and Fisheries Considerations:

A large portion of the Black River flows through the compartment. The McMaster's Creek, which is a tributary to the Black River, also flows through about 2/3 of the compartment.

Wildlife Habitat Considerations:

Please refer to Wildlife Biologist's comments.

Mineral Resource and Development Concerns and/or Restrictions:

Sections 19 and 20, T33N-R1E, Cheboygan County

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium and minor coarse-textured glacial till in the NE. The glacial drift thickness varies between 100 and 400 feet. Beneath the glacial drift is the Devonian Antrim Shale, quarried for clay/shale and cement products elsewhere in the State. The nearest gravel pit is four miles to the northeast and potential may be good on the upland areas. This area was previously leased for oil and gas development. The Antrim Shale subcrops in this area and there is minimal potential. The Guelph (Niagaran) reef trend produces to the east and additional reefs and the Collingwood/Utica Shale have potential in this compartment.

Vehicle Access:

There is good access to most of the compartment. Most of the forest roads, however, have been closed to wheeled motorized vehicles with virtually all those closures still intact.

Survey Needs:

None required.

Recreational Facilities and Opportunities:

No recreational facilities exist in this compartment. Hunting is primary recreational use of this area.

Fire Protection:

Access is generally good in case of any fire suppression efforts, though the area is generally at low risk to any wildfire potential. Most road systems are closed with berms.

Additional Compartment Information:

- **The following reports from IFMAP 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, road access system**
 - ◆ **Proposed treatments**
 - ◆ **Special ecological designations**
 - ◆ **Recreational facilities**

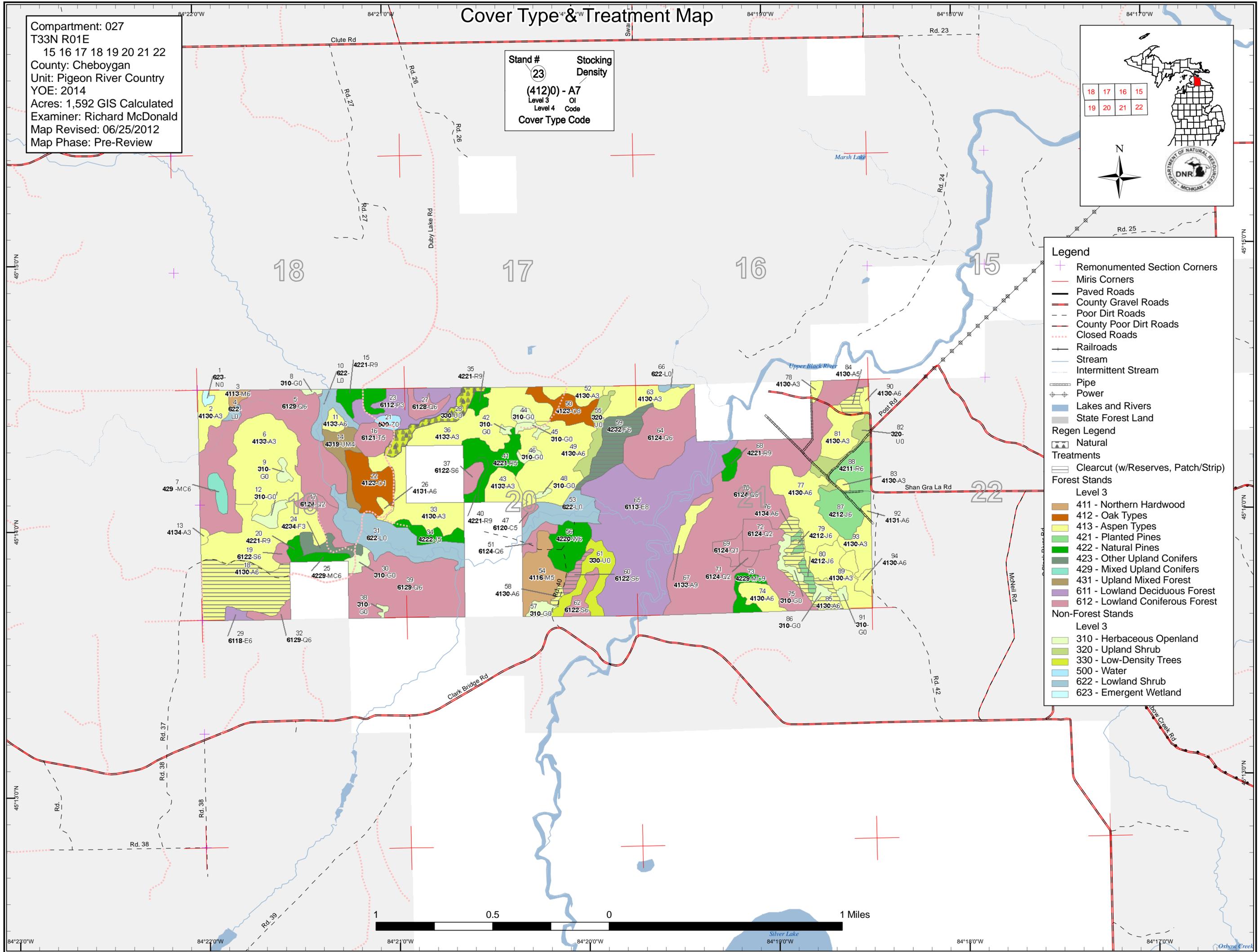
Cover Type & Treatment Map

Compartment: 027
 T33N R01E
 15 16 17 18 19 20 21 22
 County: Cheboygan
 Unit: Pigeon River Country
 YOE: 2014
 Acres: 1,592 GIS Calculated
 Examiner: Richard McDonald
 Map Revised: 06/25/2012
 Map Phase: Pre-Review

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



- Legend**
- ✚ Remonumented Section Corners
 - Miris Corners
 - Paved Roads
 - County Gravel Roads
 - Poor Dirt Roads
 - County Poor Dirt Roads
 - ⋯ Closed Roads
 - Railroads
 - Stream
 - Intermittent Stream
 - Pipe
 - ⚡ Power
 - Lakes and Rivers
 - State Forest Land
- Regen Legend**
- ⊠ Natural
- Treatments**
- ▨ Clearcut (w/Reserves, Patch/Strip)
- Forest Stands**
- Level 3**
- 411 - Northern Hardwood
 - 412 - Oak Types
 - 413 - Aspen Types
 - 421 - Planted Pines
 - 422 - Natural Pines
 - 423 - Other Upland Conifers
 - 429 - Mixed Upland Conifers
 - 431 - Upland Mixed Forest
 - 611 - Lowland Deciduous Forest
 - 612 - Lowland Coniferous Forest
- Non-Forest Stands**
- Level 3**
- 310 - Herbaceous Openland
 - 320 - Upland Shrub
 - 330 - Low-Density Trees
 - 500 - Water
 - 622 - Lowland Shrub
 - 623 - Emergent Wetland



84°23'0"W 84°22'0"W 84°21'0"W 84°20'0"W 84°19'0"W 84°18'0"W 84°17'0"W

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	14	10	111	200	31	0	2	7	0	7	0	0	0	122	504
Cedar	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
Herbaceous Openland	39	0	0	0	0	0	0	0	0	0	0	0	0	0	39
Jack Pine	0	0	0	9	0	0	27	0	0	0	0	0	0	0	36
Low-Density Trees	35	0	0	0	0	0	0	0	0	0	0	0	0	0	35
Lowland Aspen/Balsam Poplar	0	0	24	0	0	0	0	0	0	0	0	0	0	0	24
Lowland Conifers	0	0	3	31	0	0	5	8	140	254	0	0	0	0	441
Lowland Deciduous	0	0	0	0	0	0	0	3	159	0	0	0	0	0	162
Lowland Shrub	79	0	0	0	0	0	0	0	0	0	0	0	0	0	79
Lowland Spruce/Fir	0	0	0	0	0	0	18	0	3	0	0	0	0	0	21
Marsh	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Natural Mixed Pines	0	0	0	0	5	0	0	0	7	0	0	0	0	0	12
Northern Hardwood	0	0	0	0	0	3	0	25	0	0	0	0	0	0	28
Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	38	38
Red Pine	0	0	0	0	0	15	0	23	0	0	4	0	0	20	62
Tamarack	0	0	0	0	0	12	0	0	0	0	0	0	0	0	12
Upland Conifers	0	0	0	0	0	6	0	0	0	0	0	0	0	0	6
Upland Mixed Forest	0	0	0	0	0	13	0	0	0	0	0	0	0	0	13
Upland Shrub	22	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Upland Spruce/Fir	0	0	9	0	0	0	0	23	0	0	0	0	0	0	32
Water	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
White Pine	0	0	0	0	0	0	0	18	0	0	0	0	0	0	18
Total	193	10	147	241	36	49	52	107	310	264	4	0	0	180	1592



Table 2 – Proposed Treatment Summaries

Don River Country Mgt. Unit
Year of Entry 2014

Compartment 027
Total Compartment Acres: 1592

Acres by Treatment Type

Commercial Harvest - 107	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
Aspen	74	0	0	0	0	0	74
Jack Pine	5	0	0	0	0	0	5
Lowland Spruce/Fir	5	0	0	0	0	0	5
Upland Spruce/Fir	23	0	0	0	0	0	23
Total	107	0	0	0	0	0	107



Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
18	53027018-Cut	51.6	4130 - Aspen	High Density Pole	34	51-80	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<p><u>Prescription</u> Final harvest portion of stand 18 that is south of Rd. 37. There are a few small ponds throughout the stand. Use these as the focal point with associated buffer as retention islands. Good regeneration of Aspen is expected. Some fairly significant impacts from browsing has been evident to the north, so this should be monitored.</p> <p><u>Specs:</u></p> <p><u>Other Comments:</u> Nice emerging pole stand. Part of stand south of Rd. 37 has a much better size.</p> <p><u>Next Steps:</u> Aspen is expected to regenerate well. However, any combination of species will be acceptable for a successful regenerated stand.</p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
58	53027058-Cut	1.8	4130 - Aspen	High Density Pole	62	51-80	Harvest	Clearcut	4130 - Aspen	Cmpt. Review Proposal
<p><u>Prescription</u> Clearcut with no retention because of it's size. Combine this stand with stand 60 at sale time.</p> <p><u>Specs:</u></p> <p><u>Other Comments:</u> Small stand of Aspen at the edge of a field. It should regenerate well, but there is a herd of wintering Elk in this area every year, so browsing could have an impact because of it's small size.</p> <p><u>Next Steps:</u></p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
60	53027060-Cut	4.7	6122 - Black Spruce	High Density Pole	62	51-80	Harvest	Clearcut	6122 - Black Spruce	Cmpt. Review Proposal
<p><u>Prescription</u> Small spruce stand that transitions into Black River floodplain. No retention recommended because of it's small size. Combine with stand 58 for sale purposes.</p> <p><u>Specs:</u></p> <p><u>Other Comments:</u></p> <p><u>Next Steps:</u></p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
76	53027076-Cut	8.0	4134 - Aspen, Spruce/Fir	High Density Pole	40	51-80	Harvest	Clearcut	4134 - Aspen, Spruce/Fir	Cmpt. Review Proposal
<p><u>Prescription</u> Manage with adjacent stands. No retention due to small size. Leave down trees for drumming logs. Aspen regeneration should come back well, but any combination of species will be acceptable in determining regeneration success.</p> <p><u>Specs:</u></p> <p><u>Other Comments:</u> Nice emerging pole stand transitioning into the swamp.</p> <p><u>Next Steps:</u></p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
79	53027079-Cut	1.9	42120 - Planted Jack Pine	High Density Pole	60		Harvest	Clearcut	42221 - Natural Jack Pine, Mixed Deciduous	Cmpt. Review Proposal
<p><u>Prescription:</u> Cut with adjacent Aspen stands. No retention due to small size. Monitor for JP regeneration, but will accept a mix of species.</p> <p><u>Specs:</u></p> <p><u>Other Comments:</u> Somewhat poor quality Jack Pine.</p> <p><u>Next Steps:</u></p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										

80	53027080-Cut	3.2	42121 - Planted Jack Pine, Mixed Deciduous	High Density Pole	60	51-80	Harvest	Clearcut	42221 - Natural Jack Pine, Mixed Deciduous	Cmpt. Review Proposal
<p><u>Prescription:</u> Clearcut with adjacent stands. No retention due to small size. Monitor for JP regeneration, but any mix of species will be acceptable for regeneration success.</p> <p><u>Specs:</u></p> <p><u>Other Comments:</u> Poor quality jack pine.</p> <p><u>Next Steps:</u></p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										

84	53027084-Cut	4.5	4130 - Aspen	Medium Density Pole	46	51-80	Harvest	Clearcut	4130 - Aspen	Cmpt. Review Proposal
<p><u>Prescription:</u> Recommend cutting this stand to regenerate the aspen. The aspen should do well, but any combination of species will work in judging regeneration success. No retention due to small size.</p> <p><u>Specs:</u></p> <p><u>Other Comments:</u> Aspen is good size. The only drawback to this stand is it's size. (small acreage)</p> <p><u>Next Steps:</u></p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										

85	53027085-Cut	8.3	4130 - Aspen	High Density Pole	40	51-80	Harvest	Clearcut	4130 - Aspen	Cmpt. Review Proposal
<p><u>Prescription:</u> This stand will be cut with stands 75, 76, 79 and 80. No retention due to small acreage. Regeneration should do well, but some adjacent cuttings have had some impacts from browsing. Aspen is preferred, but any combination of species will serve in judging regeneration success.</p> <p><u>Specs:</u></p> <p><u>Other Comments:</u></p> <p><u>Next Steps:</u></p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										

Total Treatment Acreage Proposed: 83.9

Table 4 -- Treatments Prescribed with a Limiting Factor



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

Prescription Specs:

Other Comment:

Next Steps:

Proposed Start Date: #Error

Limiting Factor and No Treatment Reason

Total Treatment Acreage Proposed: 0

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

Year of Entry: 2014



Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
53056_OutOfYOE-Burn	18.2					Prescribed Burn	Unspecified	3205 - Mixed Upland Shrub	Cmpt. Review Proposal
<u>Prescription</u> -Moderate intensity burn to reduce encroaching woody vegetation, mainly black cherry. <u>Specs:</u> <u>Other Comments:</u> <u>Next Steps:</u> <u>Proposed Start Date:</u> Unspecified									

**Total Treatment
Acreage Proposed: 18.2**

S t a n d	Pigeon River Country Mgt. Unit		5 – Forested Stands			Compartment: 027	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2014	
2	4130 - Aspen	High Density Sapling	13.5	22			
3	4113 - R.Maple, Conifer	High Density Pole	3.2	59	81-110		
5	6129 - Mixed Coniferous Lowland Forest	High Density Pole	95.7	82	51-80		Poor quality, wet swamp with creek flowing through it.
6	4133 - Aspen, Mixed Pine	High Density Sapling	62.7	Uneven Age	1-50		
7	429 - Mixed Upland Conifers	High Density Pole	5.9	50	51-80		Upland island surrounded by swamp
11	4133 - Aspen, Mixed Pine	High Density Pole	4.3	79	51-80		Isolated, poorly stocked Aspen/Pine stand
13	4134 - Aspen, Spruce/Fir	High Density Sapling	1.3	17			Some browsing has eliminated the Aspen component in parts of this stand. Most of the stand is in comp. 18.
14	4319 - Mixed Upland Forest	Low Density Pole	13.2	52	1-50		Sparse stand with poor soil.
15	42210 - Natural Red Pine	High Density Log	10.6	77	51-80		This mature Red Pine is part of a larger stand to the north in comp. 25. The stand was thinned in 2003-04 and will be managed with comp. 25 when it comes around the next entry.
16	6121 - Tamarack	Medium Density Pole	11.7	50	1-50		Bog
17	6124 - Lowland Spruce- Fir	Medium Density	11.7	37			This stand was once part of stand 5 but suffered a tremendous amount of blowdown.
18	4130 - Aspen	High Density Pole	101.7	34	51-80		Nice emerging pole stand. Part of stand south of Rd. 37 has a much better size.
19	6122 - Black Spruce	High Density Pole	3.2	80	51-80		
20	42210 - Natural Red Pine	High Density Log	3.5	102	81-110		
22	4123 - Red Oak	Low Density Sapling	23.5	Uneven Age	1-50		The stand was cut in 1998 and everything was cut except Oak, Red Pine and White Pine as residual. Aspen regenerated alright. There was some early browse damage but it managed to respond well. The old landing location is still open however.
23	6112 - Lowland Aspen	High Density Sapling	24.1	26			Part of stand is wet with water flowing through seasonally.
24	42340 - Upland Spruce/Fir	High Density Sapling	8.9	27			



Stand	Pigeon River Country Mgt. Unit			5 – Forested Stands		Compartment: 027	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2014	
25	42290 - Natural Mixed Pine	High Density Pole	4.8	47	51-80		Narrow strip along north line of private property.
26	4131 - Aspen, Oak	High Density Pole	2.6	77			This little stand was left uncut when adjacent stand was cut.
27	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	7.7	77	1-50		Uncut portion of stand 23 because of poor quality and being wet.
29	6118 - Lowland Deciduous with Cedar	High Density Pole	3.1	77	81-110		Stream flowing through stand. Leave uncut for BMP reasons. Good stand for retention.
32	6129 - Mixed Coniferous Lowland Forest	High Density Pole	4.5	97	81-110		Mixed swamp conifer of decent quality, but with no access. The only access road is through private and it is surrounded on 3 sides by private.
33	4130 - Aspen	High Density Sapling	32.7	26			
34	42220 - Natural Jack Pine	Medium Density Pole	9.2	38	1-50		This stand was roller chopped in 1974 to maintain opening, but is filling in with Jack Pine.
35	42210 - Natural Red Pine	High Density Log	3.8	75	81-110		
36	4133 - Aspen, Mixed Pine	High Density Sapling	46.9	Uneven Age			Aspen cut in 1998 with Pine and Oak left as residual. Aspen regeneration is doing really well.
37	6122 - Black Spruce	High Density Pole	5.2	62	1-50		Small, isolated Spruce/Tam. bog. The stand crosses over on to private property.
39	6129 - Mixed Coniferous Lowland Forest	High Density Pole	77.0	97	81-110		Somewhat poor quality swamp that is fairly wet. Only access is through private. Private property is on 3 sides.
40	42210 - Natural Red Pine	High Density Log	3.3	77	111-140		
41	42210 - Natural Red Pine	Medium Density Pole	20.1	Uneven Age	51-80		The stand was cut in 1998 and the Pine and Oak was left. Some browse damage has occurred in the aspen regeneration, but it is not doing badly.
43	4133 - Aspen, Mixed Pine	High Density Sapling	12.3	Uneven Age			
47	6120 - Lowland Cedar	Medium Density Pole	2.1	95	1-50		
49	4130 - Aspen	High Density Pole	54.1	36	51-80		Nice emerging pole stand



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Pigeon River Country Mgt. Unit

5 – Forested Stands

Compartment: 027
Year of Entry: 2014

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
50	4123 - Red Oak	Medium Density Log	14.7	Uneven Age	1-50	The stand had everything except some Oak removed around 2001. Severe browsing has damaged most of the Aspen, Red Maple and Oak. Browsing has definitely impacted the quality and amount of regeneration.
51	6124 - Lowland Spruce- Fir	High Density Pole	5.0	62	51-80	Strip of Spruce/Tamarack along creek bottom. This stand extends into private property.
52	4130 - Aspen	High Density Sapling	9.1	14		Regeneration coming back well.
54	4116 - Mixed N. Hardwood - Aspen	Medium Density Pole	24.7	77	1-50	Open-grown Red Maple filling in with White Pine and Cherry
56	42200 - Natural White Pine	High Density Pole	18.5	75	51-80	Variable ages of mostly White Pine. Poor quality timber with large gaps of young trees.
58	4130 - Aspen	High Density Pole	1.8	62	51-80	
59	42320 - Upland Spruce	High Density Pole	23.0	72	81-110	Nice spruce stand. Drier, transition between upland and lowland
60	6122 - Black Spruce	High Density Pole	4.7	62	51-80	
62	6122 - Black Spruce	High Density Pole	8.0	62	51-80	
63	4130 - Aspen	High Density Sapling	22.0	26		Some areas of low ground within the stand and they are not regenerating well. The rest of the stand is pretty good, however.
64	6124 - Lowland Spruce- Fir	High Density Pole	44.5	82	51-80	
65	6113 - Lowland Maple	Medium Density Log	159.1	85	51-80	
67	4133 - Aspen, Mixed Pine	High Density Log	7.1	94	81-110	High ridge that touches the Black River bank and goes northeast into the swamp. Surrounding swamp is very wet with no access to the ridge. Aspen is in poor shape with plenty of cavities.
68	42210 - Natural Red Pine	High Density Log	5.1	78	81-110	
69	6124 - Lowland Spruce- Fir	Low Density Sapling	6.7	30		Wet area with low volume trees.
70	6124 - Lowland Spruce- Fir	High Density Pole	172.9	94	81-110	Composition of stand varies regarding %'s of species throughout. The size of the wood tends to be smaller toward the interior. A large portion of this stand is quite wet.

S t a n d	Pigeon River Country Mgt. Unit		5 – Forested Stands			Compartment: 027	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2014	
71	6124 - Lowland Spruce-Fir	Medium Density	3.0	28			Swamp cut in 1984.
72	6124 - Lowland Spruce-Fir	Medium Density	12.6	34			Swamp cut in 1978. Surprising amount of Elm regeneration.
73	42290 - Natural Mixed Pine	High Density Log	7.3	85			Mature pine along the edge of the swamp.
74	4130 - Aspen	High Density Pole	10.4	40	51-80		Nice emerging pole stand
76	4134 - Aspen, Spruce/Fir	High Density Pole	8.0	40	51-80		Nice emerging pole stand transitioning into the swamp.
77	4130 - Aspen	High Density Pole	34.4	36	1-50		Nice emerging pole stand, but not ready yet.
78	4130 - Aspen	High Density Sapling	2.4	26			
79	42120 - Planted Jack Pine	High Density Pole	1.9	60			Somewhat poor quality Jack Pine.
80	42121 - Planted Jack Pine, Mixed Deciduous	High Density Pole	3.2	60	51-80		Poor quality jack pine.
81	4130 - Aspen	High Density Sapling	16.7	26			
83	4130 - Aspen	High Density Sapling	1.5	8			Small pocket of Aspen that was cut when stand 88 was thinned in approx. 2006.
84	4130 - Aspen	Medium Density Pole	4.5	46	51-80		Aspen is good size. The only drawback to this stand is it's size. (small acreage)
85	4130 - Aspen	High Density Pole	8.3	40	51-80		
87	42120 - Planted Jack Pine	High Density Pole	21.8	60	51-80		Poor quality Jack Pine plantation.
88	42110 - Planted Red Pine	High Density Pole	15.2	51	51-80		This stand was row-thinned in 2004.
89	4130 - Aspen	High Density Sapling	22.6	26			
90	4130 - Aspen	High Density Pole	2.5	36	1-50		This stand is part of a larger stand that extends into the compartment to the east.
92	4131 - Aspen, Oak	High Density Pole	1.3	21			Part of an older sale to the east in the adjacent compartment.



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Pigeon River Country Mgt. Unit

5 – Forested Stands

Compartment: 027
Year of Entry: 2014



S t a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
93	4130 - Aspen	High Density Sapling	12.1	7		Cut in 2005 and has suffered some browse damage throughout the stand.
94	4130 - Aspen	High Density Pole	7.6	36	51-80	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
1	6239 - Mixed Emergent Wetland	1.6	No	Unspecified	Old beaver marsh and lowland pockets
4	6220 - Alder/willow	1.9	No	Unspecified	Nontimbered area of creek bottom
8	3105 - Mixed Upland Herbaceous	1.2	No	Unspecified	Bottom pf grassy hillside along swamp. Most of the opening is in the compartment to the north.
9	3105 - Mixed Upland Herbaceous	2.5	No	Unspecified	
10	6220 - Alder/willow	10.3	N/A	Unspecified	Creek bottom along McMaster's Creek
12	3105 - Mixed Upland Herbaceous	5.0	No	Unspecified	
21	50 - Water	3.7	No	Unspecified	Small pond
28	3303 - Mixed Low Density Trees	14.5	Natural Regen	Natural Mixed Pines	This stand was cut last entry. Regeneration is coming along well with a good mix of jack pine and aspen.
30	3105 - Mixed Upland Herbaceous	4.5	No	Unspecified	
31	6220 - Alder/willow	44.0	No	Unspecified	McMaster's Creek Floodplain
38	3105 - Mixed Upland Herbaceous	1.0	No	Unspecified	Small opening in the middle of a conifer swamp.
42	3105 - Mixed Upland Herbaceous	1.1	No	Unspecified	Old landing site
44	3105 - Mixed Upland Herbaceous	3.8	No	Unspecified	
45	3105 - Mixed Upland Herbaceous	3.1	No	Unspecified	
46	3105 - Mixed Upland Herbaceous	2.5	No	Unspecified	
48	3105 - Mixed Upland Herbaceous	1.1	No	Unspecified	
53	6220 - Alder/willow	21.0	No	Unspecified	McMaster's Creek bottom
55	3205 - Mixed Upland Shrub	10.8	No	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
57	3105 - Mixed Upland Herbaceous	4.1	No	Unspecified	
61	3302 - Low Density Conifer Trees	20.3	N/A	Unspecified	Transition area along river bottom
66	6220 - Alder/willow	1.5	No	Unspecified	Edge of beaver marsh that runs over the compartment line from the north.
75	310 - Herbaceous Openland	5.1			
82	3201 - Sweet Fern	11.6	No	Unspecified	
86	3105 - Mixed Upland Herbaceous	2.3	No	Unspecified	
91	3105 - Mixed Upland Herbaceous	1.5	No	Unspecified	



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
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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.