



Compartment Review Presentation

Pigeon River Country Forest Management Unit

Compartment 53015

Entry Year 2020

Acreage: 1,914

County Cheboygan

Management Area: Pigeon River Country

Revision Date: 2018-06-15

Stand Examiner: Richard McDonald

Legal Description:

T33N R01W Section: 21, 28, 33

Identified Planning 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 dominated by Cheboygan-Blue Lakes Association on the uplands, Tawas in the lowlands and Bowstring following the river/creek drainages.

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

Entirely state-owned lands. Primary use is recreation.

Unique Natural Features:

None identified

Archeological, Historical, and Cultural Features:

None identified

Special Management Designations or Considerations:

The Pigeon River is designated as a Natural River.

Watershed and Fisheries Considerations:

Pigeon River and tributaries run through the compartment and is a good Trout fishery.

Wildlife Habitat Considerations:

Please refer to Wildlife Biologist's comments.

Mineral Resource and Development Concerns and/or Restrictions

Sand/gravel pits are not located in the vicinity, but there appears to be some good sand & gravel potential within the compartment on the uplands. Part of the compartment has been leased in the past for oil and gas development. The Antrim Shale is present in this area and probably has some potential. The Niagaran reef trend is located four miles to the southeast. There is no known metallic mineral potential in this part of the state.

Vehicle Access:

There is good access to most, if not all, of the compartment. Most of the 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 maintained recreational facilities exist within this compartment.

Fire Protection:

Access is poor 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 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**



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- Site Condition Details**

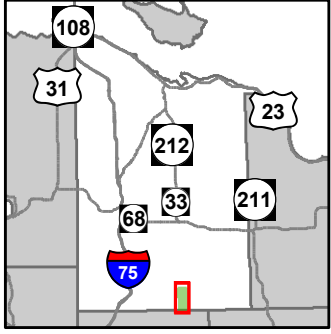
The following information is displayed, where pertinent, on the attached compartment maps:

- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

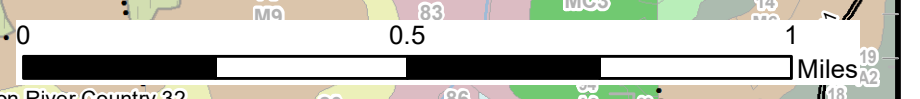
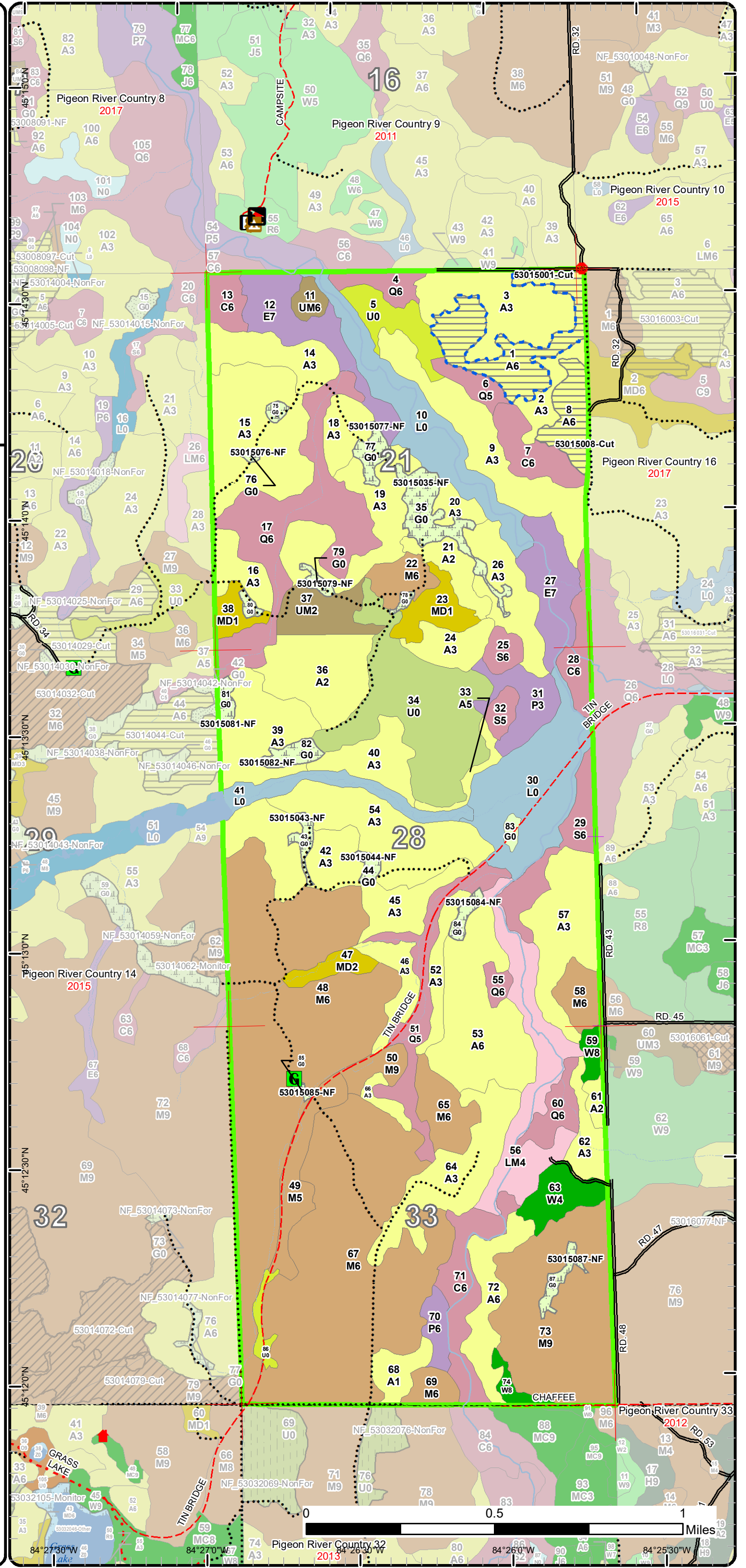
Cover Type & Treatments Map

Compartment: 15
T33N, R01W, Sec. 21, 28, 33

County: Cheboygan
Unit: Pigeon River Country
Mgmt Area: Pigeon River Country
YOE: 2020
Acres: 1,915 GIS Calculated
Examiner: Richard McDonald
Map Revised: 6/15/2018
Map Phase: Web-Post



- Miris Corners
- Remonumented Section Corners
- Compartment Boundary
- Treatments with Site Conditions
- Other Treatment - See Comments
- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 622 - Lowland Shrub
- Lakes

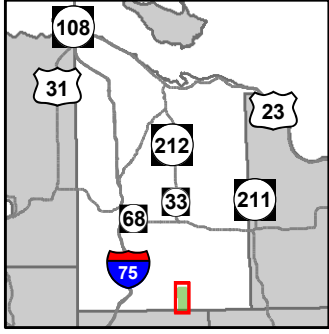


84°27'30"W 84°27'0"W 84°26'30"W 84°25'30"W

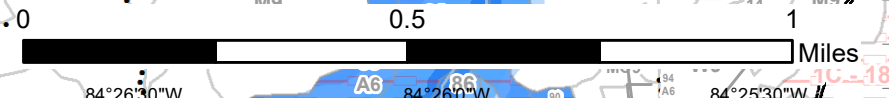
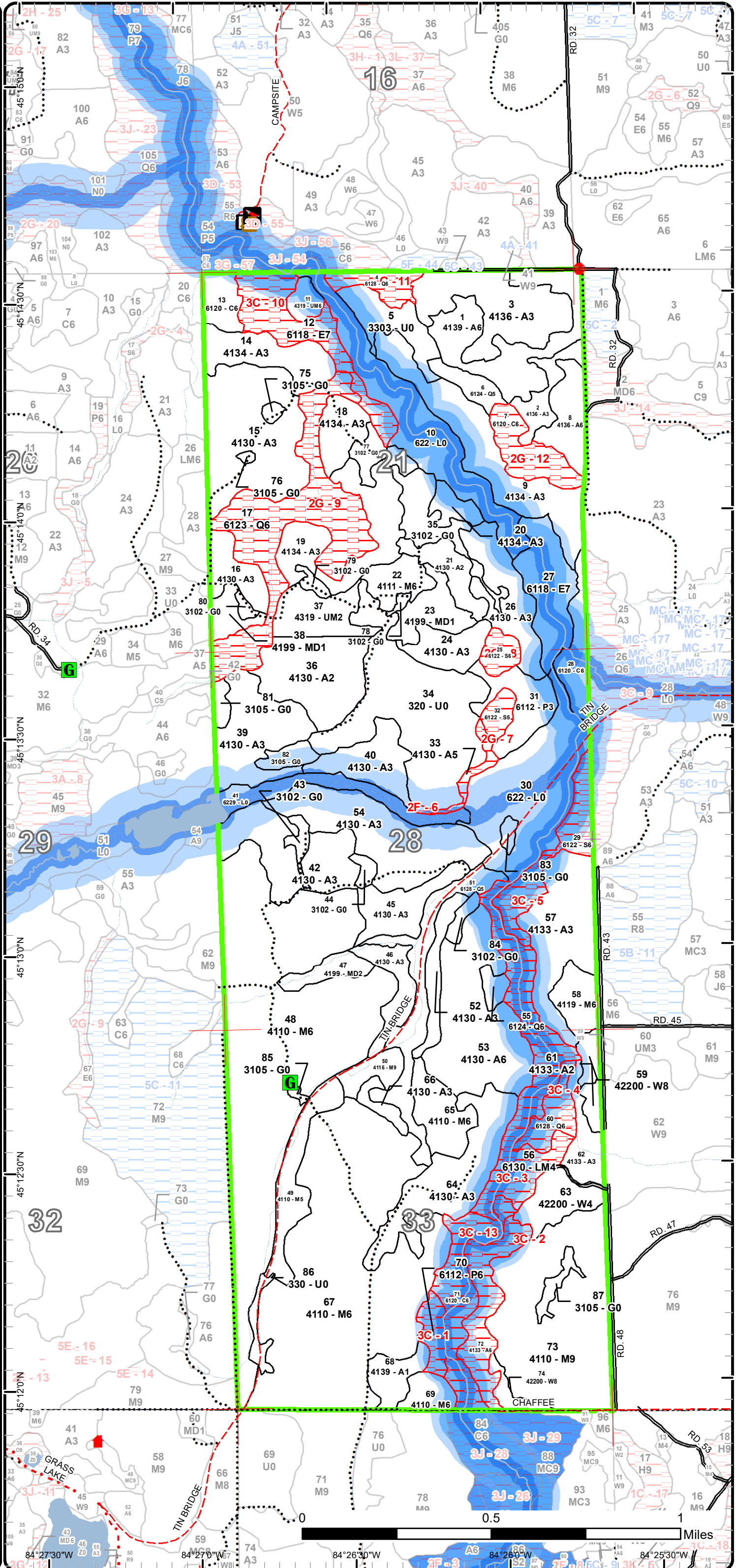
Special Conservation Areas & Site Conditions Map

Compartment: 15
T33N, R01W, Sec. 21, 28, 33

County: Cheboygan
Unit: Pigeon River Country
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- Miris Corners
- + Remonumented Section Corners
- Compartment Boundary
- Unavailable
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 3C: Legally Designated Quiet Area, Natural Area, or Wilderness
- Stand Boundaries
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Cold Water Streams
- High Priority Trout Stream Buffer
- Riparian Area



84°27'30"W 84°26'30"W 84°25'30"W

Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	22	4	294	328	0	40	16	0	0	22	0	0	0	0	0	0	0	726
Cedar	0	0	0	0	0	0	0	0	0	0	9	27	13	0	0	16	0	0	65
Herbaceous Openland	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52
Low-Density Trees	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Lowland Aspen/Balsam Poplar	0	0	0	0	17	0	0	0	0	8	0	0	0	0	0	0	0	0	25
Lowland Conifers	0	0	0	0	0	0	0	0	78	9	0	0	0	0	0	0	0	36	123
Lowland Deciduous	0	0	0	0	0	0	0	0	29	0	0	0	0	0	0	0	0	25	54
Lowland Mixed Forest	0	0	0	0	0	0	0	0	45	0	0	0	0	0	0	0	0	0	45
Lowland Shrub	118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	118
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	32
Mixed Upland Deciduous	0	0	0	8	21	0	0	0	0	0	0	0	0	0	0	0	0	0	29
Northern Hardwood	0	0	0	0	0	11	0	0	95	24	0	0	0	0	0	0	0	378	508
Upland Mixed Forest	0	0	0	0	17	0	0	0	5	0	0	0	0	0	0	0	0	0	22
Upland Shrub	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71
White Pine	0	0	0	0	15	0	0	0	0	9	0	0	0	0	0	0	0	0	24
Total	261	22	4	302	398	0	51	16	0	284	72	9	27	13	0	0	16	439	1914



Report 2 – Treatment Summary

Acres of Harvest

Commercial Harvest - 16
Harvests with Site Condition - 35
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

		Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen		51	0	0	0	0	0	0	0	0	51
	Total	51	0	0	0	0	0	0	0	0	51

Proposed and Next Step Treatments by Method

		Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current		51	0	0	0	0	0	0	49		99
Next Step		0	0	0	0	0	51	0	0		51
	Total	51	0	0	0	0	51	0	49		150



Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
1	53015001-Cut	35.1	4139 - Aspen, Mixed Deciduous	Poletimber Well	54	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Proposal - Approval Pending Edits

Habitat Cut: No **Site Condition: Age-Class or Site Quality**

Prescription Clear cut with no retention. Mark several larger diameter trees to leave until cutting is complete and then fall for drumming logs for Ruffed Grouse.
Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:

Acceptable Regen: Aspen is the objective and should regenerate well, but Aspen mixed with a mix of other species meeting a moderate stocking level will be acceptable in determining regeneration success.

Other Comment:

Proposed Start Date: 10/01/2019

8	53015008-Cut	15.5	4136 - Aspen, Mixed Conifer	Poletimber Well	66	51-80	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Proposal - Approval Pending Edits
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Habitat Cut: No **Site Condition:**

Prescription Clear cut with no retention except that which surrounds Alcotts camp. Mark several larger diameter trees to leave until cutting is complete and then fall for drumming logs for Ruffed Grouse. Small creek drainage that splits the stand will be excluded and used as payment unit boundary.
Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:

Acceptable Regen: Aspen is the objective and should regenerate well, but Aspen mixed with a mix of other species meeting a moderate stocking level will be acceptable in determining regeneration success.

Other Comment:

Proposed Start Date: 10/01/2019

35	53015035-NF	15.7	3102 - Grass	Nonstocked	0	Unspecified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Proposal
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Habitat Cut: No **Site Condition:**

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.
Specs:

Next Step Treatments:

Acceptable Regen:

Other Comment:

Proposed Start Date: 10/01/2019

43	53015043-NF	3.4	3102 - Grass	Nonstocked		Unspecified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Proposal
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Habitat Cut: No **Site Condition:**

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.
Specs:

Next Step Treatments:

Acceptable Regen:

Other Comment:

Proposed Start Date: 10/01/2019



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
44	53015044-NF	2.5	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Proposal

Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2019

75	53015075-NF	1.5	3105 - Mixed Upland Herbaceous	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Proposal
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Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2019

76	53015076-NF	0.7	3105 - Mixed Upland Herbaceous	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Proposal
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Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2019

77	53015077-NF	5.3	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Proposal
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Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2019



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
78	53015078-NF	1.1	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Proposal

Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2019

79	53015079-NF	2.2	3102 - Grass	Nonstocked	0	Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Proposal
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Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2019

80	53015080-NF	1.5	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Proposal
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Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2019

81	53015081-NF	3.2	3105 - Mixed Upland Herbaceous	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Proposal
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Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2019



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
82	53015082-NF	5.1	3105 - Mixed Upland Herbaceous	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Proposal

Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2019

84	53015084-NF	3.1	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Proposal
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Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2019

85	53015085-NF	0.9	3105 - Mixed Upland Herbaceous	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Proposal
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Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2019

87	53015087-NF	4.1	3105 - Mixed Upland Herbaceous	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Proposal
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Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2019

Total Treatment Acreage Proposed: 100.9

Report 4 – Site Conditions

Pigeon River Country Mgt. Unit

Compartment: 15

Richard McDonald : Examiner

Year of Entry: 2020

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions				
		With Condition	Not Available		5C	2F	2G	3C	3J
726	625	73	27	Aspen	73	5		22	0
66	22	0	43	Cedar			16	27	
52	52	0	0	Herbaceous Openland					
20	20	0	0	Low-Density Trees					
24	17	0	8	Lowland Aspen/Balsam Poplar				8	
123	40	0	83	Lowland Conifers			72	11	
54	25	0	29	Lowland Deciduous				29	
45	0	0	45	Lowland Mixed Forest				45	
118	118	0	0	Lowland Shrub					
32	0	0	32	Lowland Spruce/Fir			12	20	
28	28	0	0	Mixed Upland Deciduous					
508	508	0	0	Northern Hardwood					
22	22	0	0	Upland Mixed Forest					
71	71	0	0	Upland Shrub					
24	24	0	0	White Pine					
1,914	1,574	73	268	Total Forested Acres	73	5	100	162	0
	82%	4%	14%	Relative Percent					

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	3C: Legally Designated Quiet Area, Natural Area, or Wilderness	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments: The stand lies within the Pigeon River Natural River zone.							
2	Unavailable	3C: Legally Designated Quiet Area, Natural Area, or Wilderness	22	2F: Too steep	Unspecified	Unspecified	Unspecified
Comments: Steep hillside that slopes into Pigeon River Natural River zone.							

Report 4 – Site Conditions

Pigeon River Country Mgt. Unit

Compartment: 15

Richard McDonald : Examiner

Year of Entry: 2020

3	Unavailable	3C: Legally Designated Quiet Area, Natural Area, or Wilderness	45	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Pigeon River floodplain within the Natural River zone.							
4	Unavailable	3C: Legally Designated Quiet Area, Natural Area, or Wilderness	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Most of the stand lies within the Pigeon River Natural River zone.							
5	Unavailable	3C: Legally Designated Quiet Area, Natural Area, or Wilderness	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Most of the lies within the Pigeon River Natural Area zone.							
6	Unavailable	2F: Too steep	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Steep slope leading down to creek bottom of Bird Tally Creek.							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Pigeon River Country Mgt. Unit

Compartment: 15

Richard McDonald : Examiner

Year of Entry: 2020

9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	63	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Low, wet drainage							
10	Unavailable	3C: Legally Designated Quiet Area, Natural Area, or Wilderness	29	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: Part of the stand lies within the Pigeon River Natural River zone, but the rest of the stand is very wet with quite a bit of dead timber as a result of high water.							
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	3C: Legally Designated Quiet Area, Natural Area, or Wilderness	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This stand follows along the Pigeon River - a Natural River.							

Mgt. Unit

Compartment: #Type!

Year of Entry:



Report 5 – 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
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Comments



Report 6 – 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	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	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.
HCVA	Natural Rivers	There are two Natural Rivers datasets which are derived from spatial buffers set from an established and approved distance from the river centerlines. The Natural Rivers Zoning District is a 400 foot buffer for most Natural Rivers. The Vegetative Buffer ranges from 25 to 100 feet. To view specific Zoning Districts and Vegetative Buffers for each Natural River see the table located on the I:\Documentation\GDSE data folder.

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Pigeon River Country Mgt. Unit

Report 7 – Forested Stands

Compartment: 15
Year of Entry: 2020

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4139 - Aspen, Mixed Deciduous	Poletimber Well	35.1	54	81-110	
2	4136 - Aspen, Mixed Conifer	Sapling Well	10.3	25	Immature	
3	4136 - Aspen, Mixed Conifer	Sapling Well	37.8	25	Immature	Stand Year Origin was 1992
4	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	9.1	90	111-140	Can be wet certain times of the year. This stand lies along Pigeon River Natural River corridor.
6	6124 - Lowland Spruce- Fir	Poletimber Medium	7.1	79	1-50	OI Stand Year Origin was 1939. A good portion of the stand was dead by the late 80's and began to regenerate naturally. Stand can be wet certain times of the year.
7	6120 - Lowland Cedar	Poletimber Well	16.2	165	111-140	Fairly wet swamp
8	4136 - Aspen, Mixed Conifer	Poletimber Well	15.5	66	51-80	Long-time hunting camp along east line. Make retention pocket around camp site. Small creek drainage that splits the stand. Will use that to split the unit lines.
9	4134 - Aspen, Spruce/Fir	Sapling Well	43.9	31	Immature	South portion of D7 site, Aspen regenerating well.
11	4319 - Mixed Upland Forest	Poletimber Well	5.0	82	51-80	Lies within Pigeon River Natural River corridor.
12	6118 - Lowland Deciduous with Cedar	Sawtimber Poor	28.8	82	1-50	River floodplain within the Pigeon River Natural River corridor.
13	6120 - Lowland Cedar	Poletimber Well	9.2	100	81-110	No access, wet stand, part of larger cedar stand along the Pigeon River.
14	4134 - Aspen, Spruce/Fir	Sapling Well	21.3	26	Immature	
15	4130 - Aspen	Sapling Well	53.8	34	Immature	
16	4130 - Aspen	Sapling Well	12.2	34	1-50	Some open areas in the middle of the stand.
17	6123 - Lowland Fir	Poletimber Well	63.1	82	81-110	Wet drainage that flows into the Pigeon River.
18	4134 - Aspen, Spruce/Fir	Sapling Well	12.3	34	Immature	
19	4134 - Aspen, Spruce/Fir	Sapling Well	34.5	26	Immature	Stand Year Origin was 1991



Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4134 - Aspen, Spruce/Fir	Sapling Well	6.3	34	Immature	Stand Year Origin was 1983
4130 - Aspen	Sapling Medium	11.7	1	Immature	
4111 - S.Maple, Hard Mast Association	Poletimber Well	10.7	83	51-80	Stand was thinned in 2016.
4199 - Other Mixed Upland Deciduous	Sapling Poor	13.6	34	Immature	Portion of old Aspen cut that has since converted to U type due to effects from over-browsing and other factors. Filling back in with various hardwood species of lesser quality.
4130 - Aspen	Sapling Well	13.2	34	1-50	Portion of same Aspen sale as stand 23 that has maintained its Aspen regeneration and is doing well. Some open areas however.
6122 - Black Spruce	Poletimber Well	6.4	81	81-110	Wet pocket of spruce
4130 - Aspen	Sapling Well	24.0	26	Immature	
6118 - Lowland Deciduous with Cedar	Sawtimber Poor	25.2	91	1-50	River floodplain within the Pigeon River Natural River Corridor. Major component of stand in Pigeon River floodplain was Black Ash but it has died out from EAB.
6120 - Lowland Cedar	Poletimber Well	13.1	128	51-80	This stand lies within the Pigeon River Natural River corridor and also has Cornwall Creek flowing through it. The Black Ash component along the river has died out.
6122 - Black Spruce	Poletimber Well	20.2	83	81-110	This stand lies within the Pigeon River Natural River corridor.
6112 - Lowland Aspen	Sapling Well	16.8	34	1-50	Regeneration is patchy due to wet ground, primarily. Quite a bit of Tag Alder throughout, but Spruce and Tamarack are starting to come on.
6122 - Black Spruce	Poletimber Medium	5.3	83	51-80	
4130 - Aspen	Poletimber Medium	5.1	52	1-50	Steep hillside along Bird tally Creek left out of adjacent cut because of slope.
4130 - Aspen	Sapling Medium	35.2	26	Immature	significant open areas within the stand that did not regenerate well
4319 - Mixed Upland Forest	Sapling Medium	17.3	34	1-50	
4199 - Other Mixed Upland Deciduous	Sapling Poor	7.1	34	Immature	Semi-open stand cut in 1983. Pocket of more mature hardwood in the stand.



Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4130 - Aspen	Sapling Well	32.0	34	1-50	
4130 - Aspen	Sapling Well	18.6	26	Immature	
4130 - Aspen	Sapling Well	33.5	36	1-50	Emerging pole stand
4130 - Aspen	Sapling Well	16.8	36	1-50	Emerging pole stand
4130 - Aspen	Sapling Well	12.2	23	Immature	
4199 - Other Mixed Upland Deciduous	Sapling Medium	7.7	23	Immature	
4110 - Sugar Maple Association	Poletimber Well	180.7	92	81-110	This stand had a selection cut done in 2002/03. A salvage harvest of dying White Ash was done in the winter of 2014 lowering the residual BA to a point where an additional harvest should not be prescribed this entry period.
4110 - Sugar Maple Association	Poletimber Medium	19.7	92	51-80	Stand had Aspen removed in 2003.
4116 - Mixed N. Hardwood - Aspen	Sawtimber Well	8.1	92	81-110	Hillside with wet springs that flow along Tin Bridge Road.
6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	28.9	95	51-80	Narrow swamp that follows creek along Tin Bridge Road.
4130 - Aspen	Sapling Well	10.2	23	Immature	
4130 - Aspen	Poletimber Well	53.9	36	1-50	Though age puts this stand into the realm of available timber, the Aspen is averaging only 2 sticks. This stand has potential to do much better with time. I don't believe it's ready yet.
4130 - Aspen	Sapling Well	47.1	23	Immature	
6124 - Lowland Spruce- Fir	Poletimber Well	3.7	89	51-80	Small pocket of conifers within the Pigeon River Natural River corridor.
6130 - Fir, Aspen, Maple	Poletimber Poor	45.2	83	1-50	River floodplain along Pigeon River Natural River corridor
4133 - Aspen, Mixed Pine	Sapling Well	38.3	35	1-50	
4119 - Mixed Northern Hardwoods	Poletimber Well	11.0	57	51-80	Small stand of relatively young hardwood.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
59	42200 - Natural White Pine	Sawtimber Medium	4.6	93	51-80	This stand was selectively cut in 2003. Aspen and hardwood regeneration primarily.
60	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	11.1	88	1-50	Stand lies within the Pigeon River Natural River corridor
61	4133 - Aspen, Mixed Pine	Sapling Medium	3.8	14	Immature	Stand has suffered some browse damage and is not regenerating well in spots.
62	4133 - Aspen, Mixed Pine	Sapling Well	11.4	35	1-50	
63	42200 - Natural White Pine	Poletimber Poor	14.8	35	1-50	Stand was cut in 2002 and left a substantial amount of White Pine residual. Aspen regeneration suffered some significant browse damage. Stand still has aspen MO.
64	4130 - Aspen	Sapling Well	38.7	23	Immature	
65	4110 - Sugar Maple Association	Poletimber Well	16.7	97	81-110	
66	4130 - Aspen	Sapling Well	4.4	23	Immature	
67	4110 - Sugar Maple Association	Poletimber Well	168.7	97	81-110	Stand had a selection cut done in 2014/15.
68	4139 - Aspen, Mixed Deciduous	Sapling Poor	10.2	2	Immature	Stand cut in 2015. Spotty regeneration is actually <1 dbh and has suffered some browse damage.
69	4110 - Sugar Maple Association	Poletimber Well	7.6	97	81-110	End of hardwood ridge that extends up from compartment 32. That portion was selectively cut a few years ago (2-3). This portion would make a natural retention stand since every hardwood stand around it has already been treated.
70	6112 - Lowland Aspen	Poletimber Well	7.5	97	111-140	Stand lies within Pigeon River Natural River corridor.
71	6120 - Lowland Cedar	Poletimber Well	27.2	113	111-140	Stand lies within Pigeon River Natural River corridor.
72	4133 - Aspen, Mixed Pine	Poletimber Well	22.3	95	51-80	Stand lies within Pigeon River Natural River corridor. Steep hillside dropping down into the river bottom.
73	4110 - Sugar Maple Association	Sawtimber Well	84.5	88	81-110	Stand was thinned in 2014. Residual plot sampled at time of sale cruise and came out to a BA of 81. BBD is present in the stand.
74	42200 - Natural White Pine	Sawtimber Medium	4.6	95	51-80	Stand was cut in 2002. Thinned the pine and removed aspen and hardwood.



Stand	Cover Type	Acres	Managed Site	General Comments:
5	3303 - Mixed Low Density Trees	16.0		NORTHERN PORTION OF D-7 SITE - VERY LITTLE ASPEN REGENERATION
10	622 - Lowland Shrub	45.5	No	Pigeon River floodplain - Natural River designation
30	622 - Lowland Shrub	55.4	No	Part Pigeon River and Bird Tally Creek floodplain with frequent beaver activity.
34	320 - Upland Shrub	71.1	No	Previous stands 34 and 35 clearcut in 2016. Not regenerating well, but had an upland brush MO.
35	3102 - Grass	15.7	Yes	Elk Meadow - managed opening
41	6229 - Mixed lowland shrub	17.4	No	Bird Tally Creek valley frequently flooded by beavers. A series of new and old dams along the creek.
43	3102 - Grass	3.4	Yes	OPIC - FMD: MANAGED WILDLIFE OPENING
44	3102 - Grass	2.5	Yes	Mowed wildlife opening
75	3105 - Mixed Upland Herbaceous	1.5	No	Old landing site
76	3105 - Mixed Upland Herbaceous	0.7	No	Old landing site
77	3102 - Grass	5.3	Yes	Elk Meadows. Managed grass opening that are maintained by mowing and fertilizing.
78	3102 - Grass	1.1	Yes	Small managed opening of grass that is mowed.
79	3102 - Grass	2.2	Yes	Grass opening maintained by mowing.
80	3102 - Grass	1.5	Yes	
81	3105 - Mixed Upland Herbaceous	3.2	No	Natural opening
82	3105 - Mixed Upland Herbaceous	5.1	No	Natural opening
83	3105 - Mixed Upland Herbaceous	2.0	No	Opening near Tin Bridge, popular camping spot.
84	3102 - Grass	3.1	Yes	Managed wildlife opening



Stand	Cover Type	Acres	Managed Site	General Comments:
85	3105 - Mixed Upland Herbaceous	0.9	No	Natural opening with apple trees before wildlife gate.
86	330 - Low-Density Trees	4.4	No	
87	3105 - Mixed Upland Herbaceous	4.1	No	Natural opening in hardwoods used as landing when surrounding stand was cut.

Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	22	4	294	328	0	40	16	0	0	22	0	0	0	0	0	0	0	726
Cedar	0	0	0	0	0	0	0	0	0	0	0	9	27	13	0	0	16	0	65
Herbaceous Openland	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52
Low-Density Trees	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Lowland Aspen/Balsam Poplar	0	0	0	0	17	0	0	0	0	0	8	0	0	0	0	0	0	0	25
Lowland Conifers	0	0	0	0	0	0	0	0	0	78	9	0	0	0	0	0	0	36	123
Lowland Deciduous	0	0	0	0	0	0	0	0	0	29	0	0	0	0	0	0	0	25	54
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	45	0	0	0	0	0	0	0	0	45
Lowland Shrub	118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	118
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0	0	0	32
Mixed Upland Deciduous	0	0	0	8	21	0	0	0	0	0	0	0	0	0	0	0	0	0	29
Northern Hardwood	0	0	0	0	0	0	11	0	0	95	24	0	0	0	0	0	0	378	508
Upland Mixed Forest	0	0	0	0	17	0	0	0	0	5	0	0	0	0	0	0	0	0	22
Upland Shrub	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71
White Pine	0	0	0	0	15	0	0	0	0	0	9	0	0	0	0	0	0	0	24
Total	261	22	4	302	398	0	51	16	0	284	72	9	27	13	0	0	16	439	1914



Report 2 – Treatment Summary

Acres of Harvest

Commercial Harvest - 16
Harvests with Site Condition - 35
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	51	0	0	0	0	0	0	0	0	51
Total	51	0	0	0	0	0	0	0	0	51

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	51	0	0	0	0	0	0	0	49	99
Next Step	0	0	0	0	0	0	51	0	0	51
Total	51	0	0	0	0	0	51	0	49	150



Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
1	53015001-Cut	35.1	4139 - Aspen, Mixed Deciduous	Poletimber Well	54	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary

Habitat Cut: No **Site Condition:** Age-Class or Site Quality

Prescription Clear cut with no retention. Mark several larger diameter trees to leave until cutting is complete and then fall for drumming logs for Ruffed Grouse.
Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:

Acceptable Regen: Aspen is the objective and should regenerate well, but Aspen mixed with a mix of other species meeting a moderate stocking level will be acceptable in determining regeneration success.

Other Comment: Make sure there are cutting specs intended to add protections to the nearby horse trail that will be used for hauling wood. Caution signs will be needed during non-winter months.

Proposed Start Date: 10/1 /2019

8	53015008-Cut	15.5	4136 - Aspen, Mixed Conifer	Poletimber Well	66	51-80	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No **Site Condition:**

Prescription Clear cut with no retention except that which surrounds Alcotts camp. Mark several larger diameter trees to leave until cutting is complete and then fall for drumming logs for Ruffed Grouse. Small creek drainage that splits the stand will be excluded and used as payment unit boundary.
Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:

Acceptable Regen: Aspen is the objective and should regenerate well, but Aspen mixed with a mix of other species meeting a moderate stocking level will be acceptable in determining regeneration success.

Other Comment: Make sure there are cutting specs intended to add protections to the nearby horse trail that will be used for hauling wood. Caution signs will be needed during non-winter months

Proposed Start Date: 10/1 /2019

35	53015035-NF	15.7	3102 - Grass	Nonstocked	0	Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No **Site Condition:**

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.
Specs:

Next Step
Treatments:

Acceptable Regen:

Other Comment:

Proposed Start Date: 10/1 /2019

43	53015043-NF	3.4	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No **Site Condition:**

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.
Specs:

Next Step
Treatments:

Acceptable Regen:

Other Comment:

Proposed Start Date: 10/1 /2019



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
44	53015044-NF	2.5	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

75	53015075-NF	1.5	3105 - Mixed Upland Herbaceous	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

76	53015076-NF	0.7	3105 - Mixed Upland Herbaceous	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

77	53015077-NF	5.3	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019



Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
78	53015078-NF	1.1	3102 - Grass	Nonstocked		Unspecified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

79	53015079-NF	2.2	3102 - Grass	Nonstocked	0	Unspecified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

80	53015080-NF	1.5	3102 - Grass	Nonstocked		Unspecified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

81	53015081-NF	3.2	3105 - Mixed Upland Herbaceous	Nonstocked		Unspecified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
82	53015082-NF	5.1	3105 - Mixed Upland Herbaceous	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

84	53015084-NF	3.1	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

85	53015085-NF	0.9	3105 - Mixed Upland Herbaceous	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

87	53015087-NF	4.1	3105 - Mixed Upland Herbaceous	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

**Total Treatment
Acreage Proposed: 100.9**

Report 4 – Site Conditions

Pigeon River Country Mgt. Unit
Richard McDonald : Examiner

Compartment: 15
Year of Entry: 2020

Availability for Management

Total Acres	Acres Available	Acres Avail		Acres Not Available		Dominant Site Conditions				
		With Condition				5C	2F	2G	3C	3J
726	625	73		27	Aspen	73	5		22	0
66	22	0		43	Cedar			16	27	
52	52	0		0	Herbaceous Openland					
20	20	0		0	Low-Density Trees					
24	17	0		8	Lowland Aspen/Balsam Poplar				8	
123	40	0		83	Lowland Conifers			72	11	
54	25	0		29	Lowland Deciduous				29	
45	0	0		45	Lowland Mixed Forest				45	
118	118	0		0	Lowland Shrub					
32	0	0		32	Lowland Spruce/Fir			12	20	
28	28	0		0	Mixed Upland Deciduous					
508	508	0		0	Northern Hardwood					
22	22	0		0	Upland Mixed Forest					
71	71	0		0	Upland Shrub					
24	24	0		0	White Pine					
1,914	1,574	73		268	Total Forested Acres	73	5	100	162	0
	82%	4%		14%	Relative Percent					

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	3C: Legally Designated Quiet Area, Natural Area, or Wilderness	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments: The stand lies within the Pigeon River Natural River zone.							
2	Unavailable	3C: Legally Designated Quiet Area, Natural Area, or Wilderness	22	2F: Too steep	Unspecified	Unspecified	Unspecified
Comments: Steep hillside that slopes into Pigeon River Natural River zone.							

Report 4 – Site Conditions

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3	Unavailable	3C: Legally Designated Quiet Area, Natural Area, or Wilderness	45	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Pigeon River floodplain within the Natural River zone.							
4	Unavailable	3C: Legally Designated Quiet Area, Natural Area, or Wilderness	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Most of the stand lies within the Pigeon River Natural River zone.							
5	Unavailable	3C: Legally Designated Quiet Area, Natural Area, or Wilderness	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Most of the lies within the Pigeon River Natural Area zone.							
6	Unavailable	2F: Too steep	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Steep slope leading down to creek bottom of Bird Tally Creek.							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	63	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Low, wet drainage							
10	Unavailable	3C: Legally Designated Quiet Area, Natural Area, or Wilderness	29	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: Part of the stand lies within the Pigeon River Natural River zone, but the rest of the stand is very wet with quite a bit of dead timber as a result of high water.							
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	3C: Legally Designated Quiet Area, Natural Area, or Wilderness	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This stand follows along the Pigeon River - a Natural River.							

Mgt. Unit

Compartment: #Type!

Year of Entry:



Report 5 – 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
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Comments



Report 6 – 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	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	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.
HCVA	Natural Rivers	There are two Natural Rivers datasets which are derived from spatial buffers set from an established and approved distance from the river centerlines. The Natural Rivers Zoning District is a 400 foot buffer for most Natural Rivers. The Vegetative Buffer ranges from 25 to 100 feet. To view specific Zoning Districts and Vegetative Buffers for each Natural River see the table located on the I:\Documentation\GDSE data folder.

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Pigeon River Country Mgt. Unit

Report 7 – Forested Stands

Compartment: 15
Year of Entry: 2020

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4139 - Aspen, Mixed Deciduous	Poletimber Well	35.1	54	81-110	
4136 - Aspen, Mixed Conifer	Sapling Well	10.3	25	Immature	
4136 - Aspen, Mixed Conifer	Sapling Well	37.8	25	Immature	Stand Year Origin was 1992
6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	9.1	90	111-140	Can be wet certain times of the year. This stand lies along Pigeon River Natural River corridor.
6124 - Lowland Spruce- Fir	Poletimber Medium	7.1	79	1-50	OI Stand Year Origin was 1939. A good portion of the stand was dead by the late 80's and began to regenerate naturally. Stand can be wet certain times of the year.
6120 - Lowland Cedar	Poletimber Well	16.2	165	111-140	Fairly wet swamp
4136 - Aspen, Mixed Conifer	Poletimber Well	15.5	66	51-80	Long-time hunting camp along east line. Make retention pocket around camp site. Small creek drainage that splits the stand. Will use that to split the unit lines.
4134 - Aspen, Spruce/Fir	Sapling Well	43.9	31	Immature	South portion of D7 site, Aspen regenerating well.
4319 - Mixed Upland Forest	Poletimber Well	5.0	82	51-80	Lies within Pigeon River Natural River corridor.
6118 - Lowland Deciduous with Cedar	Sawtimber Poor	28.8	82	1-50	River floodplain within the Pigeon River Natural River corridor.
6120 - Lowland Cedar	Poletimber Well	9.2	100	81-110	No access, wet stand, part of larger cedar stand along the Pigeon River.
4134 - Aspen, Spruce/Fir	Sapling Well	21.3	26	Immature	
4130 - Aspen	Sapling Well	53.8	34	Immature	
4130 - Aspen	Sapling Well	12.2	34	1-50	Some open areas in the middle of the stand.
6123 - Lowland Fir	Poletimber Well	63.1	82	81-110	Wet drainage that flows into the Pigeon River.
4134 - Aspen, Spruce/Fir	Sapling Well	12.3	34	Immature	
4134 - Aspen, Spruce/Fir	Sapling Well	34.5	26	Immature	Stand Year Origin was 1991
4134 - Aspen, Spruce/Fir	Sapling Well	6.3	34	Immature	Stand Year Origin was 1983

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Pigeon River Country Mgt. Unit

Report 7 – Forested Stands

Compartment: 15
Year of Entry: 2020

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4130 - Aspen	Sapling Medium	11.7	1	Immature	
4111 - S.Maple, Hard Mast Association	Poletimber Well	10.7	83	51-80	Stand was thinned in 2016.
4199 - Other Mixed Upland Deciduous	Sapling Poor	13.6	34	Immature	Portion of old Aspen cut that has since converted to U type due to effects from over-browsing and other factors. Filling back in with various hardwood species of lesser quality.
4130 - Aspen	Sapling Well	13.2	34	1-50	Portion of same Aspen sale as stand 23 that has maintained its Aspen regeneration and is doing well. Some open areas however.
6122 - Black Spruce	Poletimber Well	6.4	81	81-110	Wet pocket of spruce
4130 - Aspen	Sapling Well	24.0	26	Immature	
6118 - Lowland Deciduous with Cedar	Sawtimber Poor	25.2	91	1-50	River floodplain within the Pigeon River Natural River Corridor. Major component of stand in Pigeon River floodplain was Black Ash but it has died out from EAB.
6120 - Lowland Cedar	Poletimber Well	13.1	128	51-80	This stand lies within the Pigeon River Natural River corridor and also has Cornwall Creek flowing through it. The Black Ash component along the river has died out.
6122 - Black Spruce	Poletimber Well	20.2	83	81-110	This stand lies within the Pigeon River Natural River corridor.
6112 - Lowland Aspen	Sapling Well	16.8	34	1-50	Regeneration is patchy due to wet ground, primarily. Quite a bit of Tag Alder throughout, but Spruce and Tamarack are starting to come on.
6122 - Black Spruce	Poletimber Medium	5.3	83	51-80	
4130 - Aspen	Poletimber Medium	5.1	52	1-50	Steep hillside along Bird tally Creek left out of adjacent cut because of slope.
4130 - Aspen	Sapling Medium	35.2	26	Immature	significant open areas within the stand that did not regenerate well
4319 - Mixed Upland Forest	Sapling Medium	17.3	34	1-50	
4199 - Other Mixed Upland Deciduous	Sapling Poor	7.1	34	Immature	Semi-open stand cut in 1983. Pocket of more mature hardwood in the stand.
4130 - Aspen	Sapling Well	32.0	34	1-50	



Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4130 - Aspen	Sapling Well	18.6	26	Immature	
4130 - Aspen	Sapling Well	33.5	36	1-50	Emerging pole stand
4130 - Aspen	Sapling Well	16.8	36	1-50	Emerging pole stand
4130 - Aspen	Sapling Well	12.2	23	Immature	
4199 - Other Mixed Upland Deciduous	Sapling Medium	7.7	23	Immature	
4110 - Sugar Maple Association	Poletimber Well	180.7	92	81-110	This stand had a selection cut done in 2002/03. A salvage harvest of dying White Ash was done in the winter of 2014 lowering the residual BA to a point where an additional harvest should not be prescribed this entry period.
4110 - Sugar Maple Association	Poletimber Medium	19.7	92	51-80	Stand had Aspen removed in 2003.
4116 - Mixed N. Hardwood - Aspen	Sawtimber Well	8.1	92	81-110	Hillside with wet springs that flow along Tin Bridge Road.
6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	28.9	95	51-80	Narrow swamp that follows creek along Tin Bridge Road.
4130 - Aspen	Sapling Well	10.2	23	Immature	
4130 - Aspen	Poletimber Well	53.9	36	1-50	Though age puts this stand into the realm of available timber, the Aspen is averaging only 2 sticks. This stand has potential to do much better with time. I don't believe it's ready yet.
4130 - Aspen	Sapling Well	47.1	23	Immature	
6124 - Lowland Spruce- Fir	Poletimber Well	3.7	89	51-80	Small pocket of conifers within the Pigeon River Natural River corridor.
6130 - Fir, Aspen, Maple	Poletimber Poor	45.2	83	1-50	River floodplain along Pigeon River Natural River corridor
4133 - Aspen, Mixed Pine	Sapling Well	38.3	35	1-50	
4119 - Mixed Northern Hardwoods	Poletimber Well	11.0	57	51-80	Small stand of relatively young hardwood.
42200 - Natural White Pine	Sawtimber Medium	4.6	93	51-80	This stand was selectively cut in 2003. Aspen and hardwood regeneration primarily.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
60	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	11.1	88	1-50	Stand lies within the Pigeon River Natural River corridor
61	4133 - Aspen, Mixed Pine	Sapling Medium	3.8	14	Immature	Stand has suffered some browse damage and is not regenerating well in spots.
62	4133 - Aspen, Mixed Pine	Sapling Well	11.4	35	1-50	
63	42200 - Natural White Pine	Poletimber Poor	14.8	35	1-50	Stand was cut in 2002 and left a substantial amount of White Pine residual. Aspen regeneration suffered some significant browse damage. Stand still has aspen MO.
64	4130 - Aspen	Sapling Well	38.7	23	Immature	
65	4110 - Sugar Maple Association	Poletimber Well	16.7	97	81-110	
66	4130 - Aspen	Sapling Well	4.4	23	Immature	
67	4110 - Sugar Maple Association	Poletimber Well	168.7	97	81-110	Stand had a selection cut done in 2014/15.
68	4139 - Aspen, Mixed Deciduous	Sapling Poor	10.2	2	Immature	Stand cut in 2015. Spotty regeneration is actually <1 dbh and has suffered some browse damage.
69	4110 - Sugar Maple Association	Poletimber Well	7.6	97	81-110	End of hardwood ridge that extends up from compartment 32. That portion was selectively cut a few years ago (2-3). This portion would make a natural retention stand since every hardwood stand around it has already been treated.
70	6112 - Lowland Aspen	Poletimber Well	7.5	97	111-140	Stand lies within Pigeon River Natural River corridor.
71	6120 - Lowland Cedar	Poletimber Well	27.2	113	111-140	Stand lies within Pigeon River Natural River corridor.
72	4133 - Aspen, Mixed Pine	Poletimber Well	22.3	95	51-80	Stand lies within Pigeon River Natural River corridor. Steep hillside dropping down into the river bottom.
73	4110 - Sugar Maple Association	Sawtimber Well	84.5	88	81-110	Stand was thinned in 2014. Residual plot sampled at time of sale cruise and came out to a BA of 81. BBD is present in the stand.
74	42200 - Natural White Pine	Sawtimber Medium	4.6	95	51-80	Stand was cut in 2002. Thinned the pine and removed aspen and hardwood.



Stand	Cover Type	Acres	Managed Site	General Comments:
5	3303 - Mixed Low Density Trees	16.0		NORTHERN PORTION OF D-7 SITE - VERY LITTLE ASPEN REGENERATION
10	622 - Lowland Shrub	45.5	No	Pigeon River floodplain - Natural River designation
30	622 - Lowland Shrub	55.4	No	Part Pigeon River and Bird Tally Creek floodplain with frequent beaver activity.
34	320 - Upland Shrub	71.1	No	Previous stands 34 and 35 clearcut in 2016. Not regenerating well, but had an upland brush MO.
35	3102 - Grass	15.7	Yes	Elk Meadow - managed opening
41	6229 - Mixed lowland shrub	17.4	No	Bird Tally Creek valley frequently flooded by beavers. A series of new and old dams along the creek.
43	3102 - Grass	3.4	Yes	OPIC - FMD: MANAGED WILDLIFE OPENING
44	3102 - Grass	2.5	Yes	Mowed wildlife opening
75	3105 - Mixed Upland Herbaceous	1.5	No	Old landing site
76	3105 - Mixed Upland Herbaceous	0.7	No	Old landing site
77	3102 - Grass	5.3	Yes	Elk Meadows. Managed grass opening that are maintained by mowing and fertilizing.
78	3102 - Grass	1.1	Yes	Small managed opening of grass that is mowed.
79	3102 - Grass	2.2	Yes	Grass opening maintained by mowing.
80	3102 - Grass	1.5	Yes	
81	3105 - Mixed Upland Herbaceous	3.2	No	Natural opening
82	3105 - Mixed Upland Herbaceous	5.1	No	Natural opening
83	3105 - Mixed Upland Herbaceous	2.0	No	Opening near Tin Bridge, popular camping spot.
84	3102 - Grass	3.1	Yes	Managed wildlife opening



Stand	Cover Type	Acres	Managed Site	General Comments:
85	3105 - Mixed Upland Herbaceous	0.9	No	Natural opening with apple trees before wildlife gate.
86	330 - Low-Density Trees	4.4	No	
87	3105 - Mixed Upland Herbaceous	4.1	No	Natural opening in hardwoods used as landing when surrounding stand was cut.