



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

COMPARTMENT 49 ENTRY YEAR: 2013

Compartment Acreage: 1659 County: Otsego

Revision Date:

October 6, 2011

Stand Examiner:

Sara Wall

Legal Description:

T31N - R01W Sections 1, 12, 13

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:

Very flat topography typifies this compartment. Uplands are dominated by somewhat excessively drained sands. Lowlands are generally found on organic peat soils. The southern portion of Section 13 includes complex mixtures of uplands that are interspersed with small pockets of lowlands.

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

Fairly undeveloped private parcels are found in section 1 and section 12. This compartment adjoins private lands on the entire southern boundary as well as portions of the eastern boundary.

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

None identified.

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

None identified.

Special Management Designations or Considerations:

None identified.

Watershed and Fisheries Considerations:

The mainstream of the Black river flows through Section 1. Tubb's creek and Hodge creek flow north through section 12 and section 13.

Wildlife Habitat Considerations:

Please refer to Wildlife Biologist's comments.

Mineral Resource and Development Concerns and/or Restrictions:

Surface sediments consist of coarse textured glacial till (uplands) and glacial outwash sand, gravel, and post-glacial alluvium. Glacial drift thickness varies between 400 and 800 feet. There are approximately 80 feet of local relief within the compartment. Beneath the Glacial Drift are the Devonian Bedford and Antrim Shales. The Antrim is quarried for clay/shale (cement) elsewhere in the state. The nearest gravel pit is two and one-half miles to the south, and potential is considered good on the uplands. The Antrim Shale development is located along the south and east edge of the compartment. The Niagaran trend produces to the west. There is excellent oil and gas potential for known producing formations in this compartment. Based on criteria in the Concept of Management, since the compartment is in the Consent Order Area, no new wells will be drilled and no new oil and gas leases will be issued.

Vehicle Access:

South of the Black River, vehicle access is restricted to road 96 and Sawdust Pile Road. North of the river two trail roads allow access to private property and the river.

Survey Needs:

Private boundary lines are in question in Section 12.

Recreational Facilities and Opportunities:

The High Country pathway passes through Section 1, crossing the Black River, Tubbs creek, and an unnamed tributary just east of Tubbs creek on foot bridges. Portions of the pathway are on raised boardwalks due to wet ground conditions. The North Spur of the Shore-to-Shore horse trail and the Midland-to-Mackinaw Hiking trail both follow Sawdust Pile Road through this compartment.

Fire Protection:

Access is adequate for fire suppression efforts, and the area is generally at low risk for wildfire.

Cover Type & Treatment Map

Compartment 49
 T31N, R01W, Sec. 01, 12, 13
 County: Otsego
 Unit: Pigeon River Country
 YOE: 2013
 Acres: 1,659 GIS Calculated
 Stand Examiner: Sara Wall
 Map Revised: 8/10/2011
 Map Phase: Pre-Review

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

Legend

- Miris Corners
- County Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Closed Roads
- Pipe
- Power
- Hiking Trail
- Ski Trail
- Bike Trail
- Horse Trail
- Bike Trails
- Hiking Trails
- Horse Trails
- Ski Trails
- Intermittent Stream/Drain
- Stream
- Lakes and Rivers

Treatments

- Clearcut (w/Reserves, Patch/Strip)
- Seed Tree (w/Reserves)
- Thinning (Crown, Low, Systematic)
- Selection (Group, Single Tree)
- Seeding (tree species)

Forest Stands

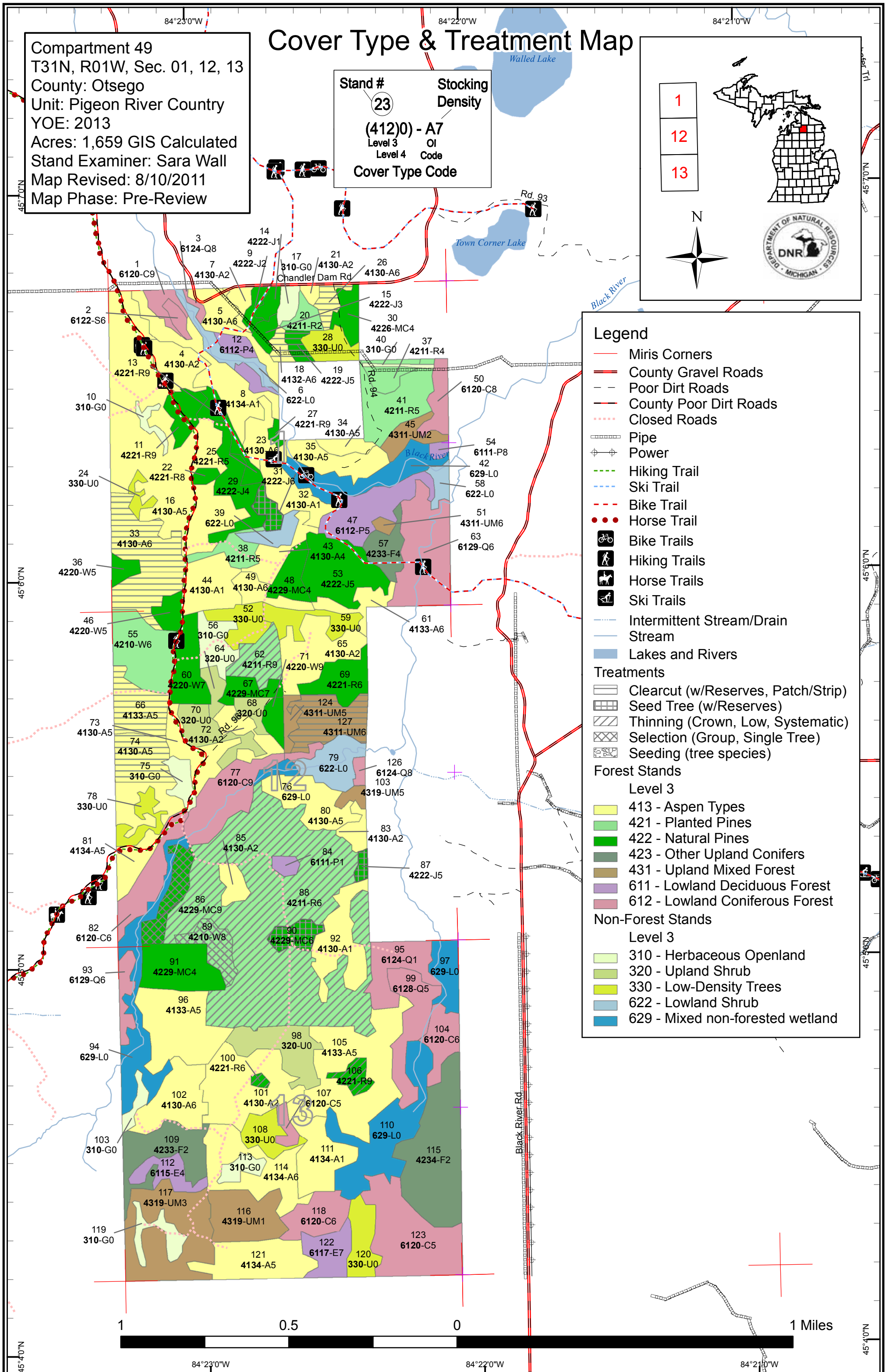
Level 3

- 413 - Aspen Types
- 421 - Planted Pines
- 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
- 320 - Upland Shrub
- 330 - Low-Density Trees
- 622 - Lowland Shrub
- 629 - Mixed non-forested wetland



Stand Boundary Map

Compartment 49
 T31N, R01W, Sec. 01, 12, 13
 County: Otsego
 Unit: Pigeon River Country
 YOE: 2013
 Acres: 1,659 GIS Calculated
 Stand Examiner: Sara Wall
 Map Revised: 7/07/2011
 Map Phase: Pre-Review

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

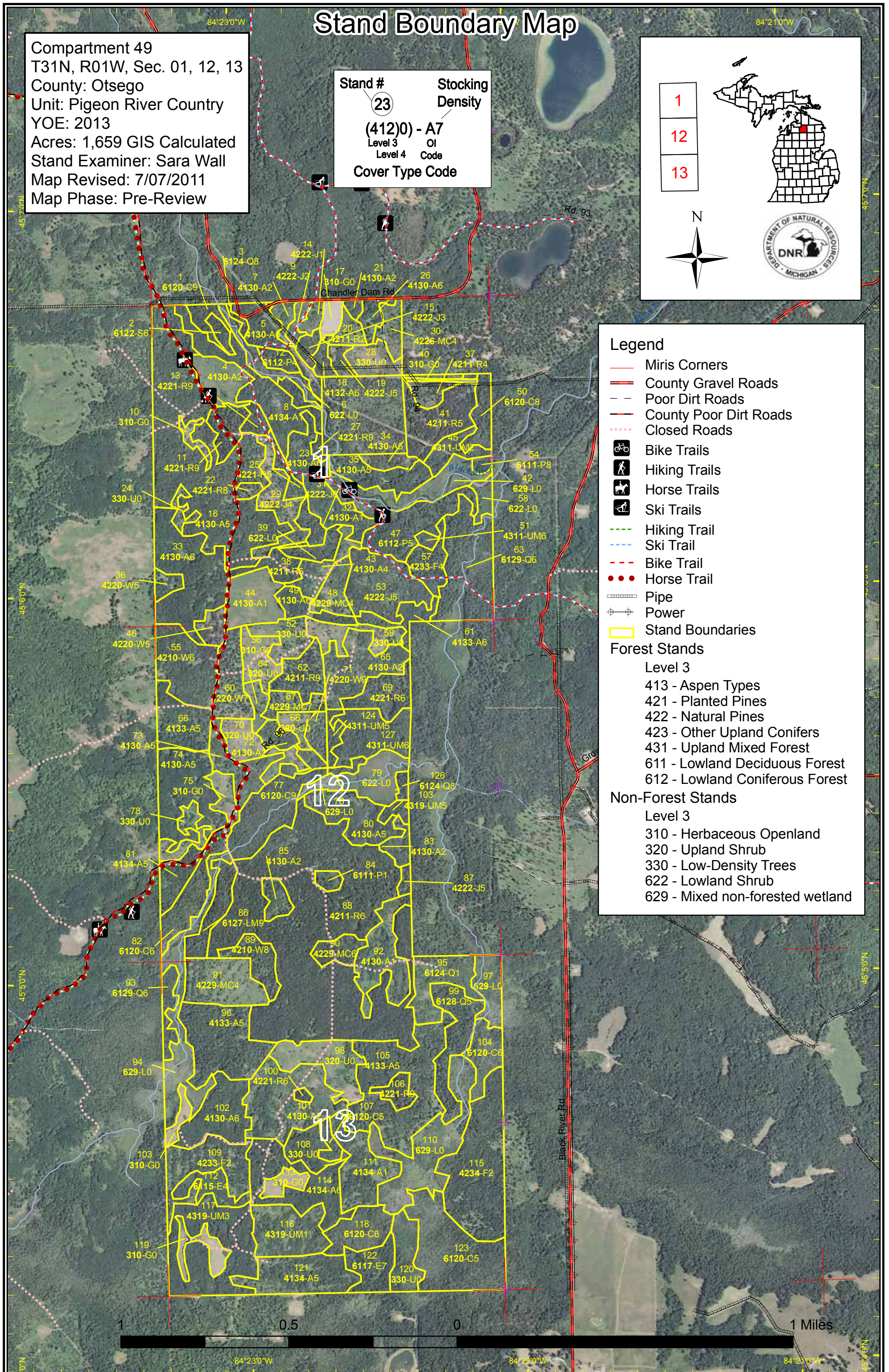
1
 12
 13



Legend

- Miris Corners
 - = County Gravel Roads
 - - Poor Dirt Roads
 - - - County Poor Dirt Roads
 - ⋯ Closed Roads
 - Bike Trails
 - Hiking Trails
 - Horse Trails
 - Ski Trails
 - - - Hiking Trail
 - - - Ski Trail
 - - - Bike Trail
 - Horse Trail
 - Pipe
 - Power
 - Stand Boundaries
- Forest Stands**
- Level 3
- 413 - Aspen Types
 - 421 - Planted Pines
 - 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
 - 320 - Upland Shrub
 - 330 - Low-Density Trees
 - 622 - Lowland Shrub
 - 629 - Mixed non-forested wetland

1 0.5 0 1 Miles



Dedicated & Proposed Special Conservation Area Map

84°21'0"W

Compartment 49
 T31N, R01W, Sec. 01, 12, 13
 County: Otsego
 Unit: Pigeon River Country
 YOE: 2013
 Acres: 1,659 GIS Calculated
 Stand Examiner: Sara Wall
 Map Revised: 4/14/2011
 Map Phase: Pre-Review

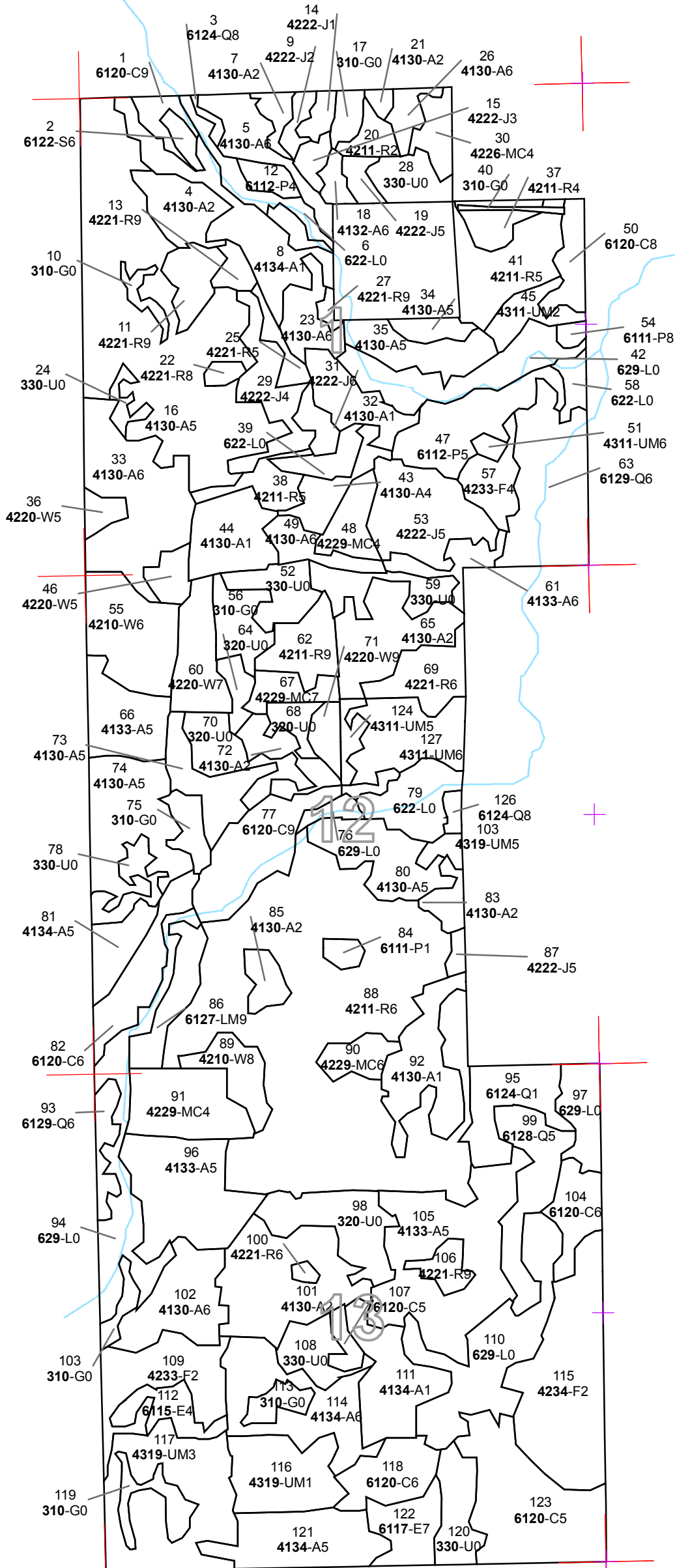
Stand #
 23
 Stocking
 Density
 (412)0 - A7
 Level 3 OI
 Level 4 Code
 Cover Type Code

1
 12
 13



Legend

- Miris Corners
- Stand Boundaries
- Dedicated Special Conservation Areas**
- Cold Water Streams
- Campgrounds
- Boat Access Sites
- Forest Stands**
- Level 3
- 413 - Aspen Types
- 421 - Planted Pines
- 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
- 320 - Upland Shrub
- 330 - Low-Density Trees
- 622 - Lowland Shrub
- 629 - Mixed non-forested wetland



1 0.5 0 1 Miles

84°23'0"W

84°22'0"W

84°21'0"W

45°40'N

45°50'N

45°60'N

45°70'N

45°40'N

45°50'N

45°60'N

45°70'N

Table 1 – Total Acres by Cover Type and Age Class



	Age Class														Total	
	Non-Forested	1-9	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	27	48	149	253	32	75	0	5	0	0	0	0	0	0	589
Cedar	0	0	0	0	0	0	0	0	14	3	0	85	8	0	0	111
Herbaceous Openland	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37
Jack Pine	0	0	3	20	0	0	31	0	2	0	0	0	0	0	0	56
Low-Density Trees	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57
Lowland Aspen/Balsam Poplar	0	0	0	3	0	0	22	0	0	7	0	0	0	0	0	31
Lowland Conifers	0	0	0	16	0	0	0	0	35	1	0	24	0	0	0	76
Lowland Deciduous	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	19
Lowland Shrub	119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	119
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3
Natural Mixed Pines	0	0	0	34	0	0	0	0	24	0	0	0	0	0	0	58
Red Pine	0	0	5	4	7	26	4	0	23	1	8	0	0	0	165	243
Upland Mixed Forest	0	0	20	2	44	0	4	19	3	0	0	0	0	0	0	90
Upland Shrub	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38
Upland Spruce/Fir	0	0	0	63	0	0	0	9	0	0	0	0	0	0	0	72
White Pine	0	0	0	5	22	14	0	0	14	0	0	0	0	0	3	59
Total	252	27	76	295	326	72	135	47	120	12	8	112	8	0	168	1659



Iron River Country Mgt. Unit
Year of Entry 2013

Table 2 – Proposed Treatment Summaries

Compartment 049
Total Compartment Acres: 1659

Acres by Treatment Type

Commercial Harvest - 300	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	71	0	0	0	0	0	71
Jack Pine	3	0	6	0	0	0	9
Natural Mixed Pines	0	11	7	0	0	0	17
Red Pine	0	0	0	0	174	0	174
Upland Mixed Forest	19	0	0	0	0	0	19
White Pine	0	10	0	0	0	0	10
Total	93	20	13	0	174	0	300

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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
18 53049018-Cut	3.1	4132 - Aspen, Jack Pine	High Density Pole	45	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal

Prescription Clearcut all species, leaving scattered individual jp seed trees to meet retention goals.

Specs:

Other Natural regen to aspen/jackpine.

Comments:

Next Regen check at appropriate time.

Steps:

19 53049019-Cut	3.4	42221 - Natural Jack Pine, Mixed Deciduous	Medium Density Pole	53	Harvest	Clearcut with Reserves	42221 - Natural Jack Pine, Mixed Deciduous	Cmpt. Review Proposal
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Prescription Clearcut JP/aspen, consider full tree skidding to get some scarification and then lop and scatter minimal tops (<= 1/6) for cone dispersal (want to

Specs: maintain as nutrient poor site)

Other Leave clumps of JP onsite as retention/seed trees - many of the cones were already open in the crowns. Reserve Norway pine. Natural regen to JP, aspen, NP

Next Regen check at appropriate time

Steps:

26 53049026-Cut	4.6	4130 - Aspen	High Density Pole	78	Harvest	Clearcut with Reserves	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
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Prescription Clearcut aspen, jack pine, and maple. Reserve Norway pine and oak. Mark scattered individual jp to remain standing for seed source.

Specs:

Other Natural regen to jp/aspen/maple/oak/np.

Comments:

Next Regen check at appropriate interval.

Steps:

31 53049031-Cut	4.3	42220 - Natural Jack Pine	High Density Pole	58	Harvest	Seed Tree	42220 - Natural Jack Pine	Cmpt. Review Proposal
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Prescription Clearcut jack pine - leave clumps as retention for onsite seed-source.

Specs:

Other Natural regen to JP.

Comments:

Next Regen check at appropriate interval.

Steps:

33 53049033-Cut	33.4	4130 - Aspen	High Density Pole	51	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
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Prescription Clearcut aspen species.

Specs:

Other Natural regeneration to aspen

Comments:

Next Regen check at appropriate time.

Steps:

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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
62 53049062-Cut	11.3	42110 - Planted Red Pine	High Density Log	75	Harvest	Crown Thinning	42110 - Planted Red Pine	Cmpt. Review Proposal

Prescription Selection thin to reduce BA to ~100 sq ft. Current BA approximately 160 sq ft/acre.

Specs:

Other

Comments:

Next

Steps:

66 53049066-Cut	15.5	4133 - Aspen, Mixed Pine	Medium Density Pole	35	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
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Prescription Clearcut aspen species.

Specs:

Other

This stand is 35 years old at present. Natural regeneration to aspen.

Comments:

Next

Regen check at appropriate interval.

Steps:

74 53049074-Cut	14.6	4130 - Aspen	Medium Density Pole	38	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
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Prescription Clearcut aspen in north half with stand 66. South half will act as retention for now.

Specs:

Other

Natural regeneration to aspen. South half to be cut with the compartment to the west and delayed for 5 years.

Comments:

Next

Regen check at appropriate interval.

Steps:

86 53049086-Cut	10.6	6127 - Lowland Pine	High Density Log	72	Harvest	Group Selection	42260 - Natural Pine, Mixed Deciduous	Cmpt. Review Proposal
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Prescription Selection thin to promote understory development, reduce BA by 1/3 overall, approximately 40 sq ft/acre. Aim for variable density by creating a mix of scattered regen gaps and systematic thinning.

Specs:

Other

Maintain site diversity - np/wp/bf/ws and mixed hardwood regen are all desirable. Adjacent to lowland/creek/steep slope on west side. Do not cut any standing aspen to reduce potential for increased beaver activity.

Comments:

Next

Steps:

87 53049087-Cut	1.8	42220 - Natural Jack Pine	Medium Density Pole	76	Harvest	Seed Tree	42290 - Natural Mixed Pine	Cmpt. Review Proposal
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Prescription Clearcut jackpine and aspen. Retain wp/np in clumps - Also retain some JP onsite for seed.

Specs:

Other

Retain existing cwd and non-hazardous snags. Natural regen to jp/aspen/np/wp.

Comments:

Next

Steps:



Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
88	53049088-Cut	156.6	42110 - Planted Red Pine	High Density Pole	48	Harvest	Crown Thinning	42110 - Planted Red Pine	Cmpt. Review Proposal
<p><u>Prescription</u> Selection thin to reduce BA by about 1/3 overall. current BA 200+.</p> <p><u>Specs:</u></p> <p><u>Other Comments:</u> Create gaps in north half of stand to start regeneration through natural seeding (WP/NP/JP)</p> <p><u>Next Steps:</u></p>									
89	53049089-Cut	9.7	42100 - Planted White Pine	Medium Density Log	48	Harvest	Single Tree Selection	42290 - Natural Mixed Pine	Cmpt. Review Proposal
<p><u>Prescription</u> Mix of white and Norway pine, selection thin to reduce BA down to ~90 sq ft.</p> <p><u>Specs:</u></p> <p><u>Other Comments:</u> This stand was very diverse in size and density, not all of it needs thinning. Reduce acres.</p> <p><u>Next Steps:</u></p>									
90	53049090-Cut	6.5	42290 - Natural Mixed Pine	High Density Pole	76	Harvest	Seed Tree with Reserves	42290 - Natural Mixed Pine	Cmpt. Review Proposal
<p><u>Prescription</u> Clearcut aspen and jack pine, mark some NP to open up canopy for shade-intolerant regen. Leave retention in clumps. Maintain some standing JP for seed.</p> <p><u>Specs:</u></p> <p><u>Other Comments:</u> If feasible, full tree skid to prep seedbed, then lop and scatter 1/6+ of jp tops. Natural regeneration to jack pine/Norway pine and aspen.</p> <p><u>Next Steps:</u></p>									
100	53049100-Cut	1.1	42210 - Natural Red Pine	High Density Pole	80	Harvest	Crown Thinning	42210 - Natural Red Pine	Cmpt. Review Proposal
<p><u>Prescription</u> Selection thin to reduce BA. BA is pretty heavy at present, reduce by at least 1/3 to start with.</p> <p><u>Specs:</u></p> <p><u>Other Comments:</u> Very small acreage, stand edges should be fairly windfirm despite density - consider seedtree cut at next entry</p> <p><u>Next Steps:</u></p>									
106	53049106-Cut	4.9	42210 - Natural Red Pine	High Density Log	97	Harvest	Crown Thinning	42210 - Natural Red Pine	Cmpt. Review Proposal
<p><u>Prescription</u> Selection thin of Norway pine to reduce BA - aim for 100 sq ft overall.</p> <p><u>Specs:</u></p> <p><u>Other Comments:</u></p> <p><u>Next Steps:</u></p>									
127	53049127-Cut	18.6	4311 - Pine, Aspen Mix	High Density Pole	60	Harvest	Clearcut with Reserves	42290 - Natural Mixed Pine	Cmpt. Review Proposal
<p><u>Prescription</u> Clearcut with reserves. Cut all aspen and red maple. Cut pine, except reserve large diameter norway and white pine and thin dense pockets of pure pine.</p> <p><u>Specs:</u></p> <p><u>Other Comments:</u></p> <p><u>Next Steps:</u></p>									

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



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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
Total Treatment Acreage Proposed:		300.0						



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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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#Error

Prescription Specs:

Other Comment:

Next Steps:

Limiting Factor and No Treatment Reason

Total Treatment Acreage Proposed: 0

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Pigeon River Country Mgt. Unit

5 – Forested Stands

Compartment: 049
Year of Entry: 2013

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
6120 - Lowland Cedar	High Density Log	4.4	100	141-170	
6122 - Black Spruce	High Density Pole	2.7	100	141-170	
6124 - Lowland Spruce- Fir	Medium Density Log	1.3	80	111-140	
4130 - Aspen	Medium Density	11.7	7		
4130 - Aspen	High Density Pole	12.0	50	111-140	
4130 - Aspen	Medium Density	3.6	17		
4134 - Aspen, Spruce/Fir	Low Density Sapling	23.1	24		
42220 - Natural Jack Pine	Medium Density	3.0	18		
42210 - Natural Red Pine	High Density Log	8.3	Uneven Age	141-170	
6112 - Lowland Aspen	Low Density Pole	6.7	80	51-80	
42210 - Natural Red Pine	High Density Log	3.6	58	111-140	
42221 - Natural Jack Pine, Mixed Deciduous	Low Density Sapling	3.1	24		
42220 - Natural Jack Pine	High Density Sapling	3.3	24	51-80	
4130 - Aspen	Medium Density Pole	91.7	35	81-110	
4132 - Aspen, Jack Pine	High Density Pole	3.1	45	51-80	
42221 - Natural Jack Pine, Mixed Deciduous	Medium Density Pole	3.4	53	81-110	
42110 - Planted Red Pine	Medium Density	4.7	12		
4130 - Aspen	Medium Density	1.6	18		



Stand	Pigeon River Country Mgt. Unit		5 – Forested Stands			Compartment: 049 Year of Entry: 2013	
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:	
22	42210 - Natural Red Pine	Medium Density Log	2.1	97	111-140		
23	4130 - Aspen	High Density Pole	9.0	24			
25	42210 - Natural Red Pine	Medium Density Pole	4.0	26	1-50		
26	4130 - Aspen	High Density Pole	4.6	78	81-110		
27	42210 - Natural Red Pine	High Density Log	1.4	97	111-140		
29	42220 - Natural Jack Pine	Low Density Pole	13.9	26	1-50		
30	42260 - Natural Pine, Mixed Deciduous	Low Density Pole	6.5	25	1-50		
31	42220 - Natural Jack Pine	High Density Pole	4.3	58	81-110		
32	4130 - Aspen	Low Density Sapling	12.0	13			
33	4130 - Aspen	High Density Pole	33.4	51	1-50		
34	4130 - Aspen	Medium Density Pole	4.2	37			
35	4130 - Aspen	Medium Density Pole	13.2	40			
36	42200 - Natural White Pine	Medium Density Pole	3.4	Uneven Age	111-140		
37	42110 - Planted Red Pine	Low Density Pole	6.3	48	81-110		
38	42110 - Planted Red Pine	Medium Density Pole	7.1	35	111-140		
41	42110 - Planted Red Pine	Medium Density Pole	20.0	48	111-140		
43	4130 - Aspen	Low Density Pole	8.5	42	51-80		
44	4130 - Aspen	Low Density Sapling	15.7	4			



Stand	Pigeon River Country Mgt. Unit		5 – Forested Stands			Compartment: 049 Year of Entry: 2013	
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:	
45	4311 - Pine, Aspen Mix	Medium Density	7.1	35			
46	42200 - Natural White Pine	Medium Density Pole	5.0	25	1-50		
47	6112 - Lowland Aspen	Medium Density Pole	20.2	50	51-80		
48	42290 - Natural Mixed Pine	Low Density Pole	8.3	25			
49	4130 - Aspen	High Density Pole	7.0	37			
50	6120 - Lowland Cedar	Medium Density Log	7.8	111	200+		
51	4311 - Pine, Aspen Mix	High Density Pole	1.6	28			
53	42221 - Natural Jack Pine, Mixed Deciduous	Medium Density Pole	23.5	53	81-110		
54	6111 - Lowland Balsam Poplar	Medium Density Log	1.7	55	81-110		
55	42100 - Planted White Pine	High Density Pole	22.3	35	111-140		
57	42330 - Upland Fir	Low Density Pole	8.9	60			
60	42200 - Natural White Pine	Low Density Log	14.0	70	51-80		
61	4133 - Aspen, Mixed Pine	High Density Pole	7.1	41	81-110		
62	42110 - Planted Red Pine	High Density Log	11.3	75	141-170		
63	6129 - Mixed Coniferous Lowland Forest	High Density Pole	31.5	70	81-110		
65	4130 - Aspen	Medium Density	20.9	27			
66	4133 - Aspen, Mixed Pine	Medium Density Pole	15.5	35	51-80		
67	42290 - Natural Mixed Pine	Low Density Log	6.4	75	81-110		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
69	42210 - Natural Red Pine	High Density Pole	12.0	75	81-110	
71	42200 - Natural White Pine	High Density Log	4.5	43	81-110	
72	4130 - Aspen	Medium Density	8.1	25		
73	4130 - Aspen	Medium Density Pole	12.6	38		
74	4130 - Aspen	Medium Density Pole	26.4	38		
77	6120 - Lowland Cedar	High Density Log	21.8	101	171-200	
80	4130 - Aspen	Medium Density Pole	17.2	26		
81	4134 - Aspen, Spruce/Fir	Medium Density Pole	8.7	38		
82	6120 - Lowland Cedar	High Density Pole	14.4	70		
83	4130 - Aspen	Medium Density	4.6	26		
84	6111 - Lowland Balsam Poplar	Low Density Sapling	2.6	25		
85	4130 - Aspen	Medium Density	5.1	26		
86	42290 - Natural Mixed Pine	High Density Log	10.6	72	111-140	
87	42220 - Natural Jack Pine	Medium Density Pole	1.8	76	81-110	
88	42110 - Planted Red Pine	High Density Pole	156.6	Uneven Age	200+	
89	42100 - Planted White Pine	Medium Density Log	9.7	48	111-140	
90	42290 - Natural Mixed Pine	High Density Pole	6.5	76	141-170	
91	42290 - Natural Mixed Pine	Low Density Pole	19.3	20		

**S
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d** **Pigeon River Country Mgt. Unit** **5 – Forested Stands**

Compartment: 049
Year of Entry: 2013



S t a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
92	4130 - Aspen	Low Density Sapling	19.6	26		
93	6129 - Mixed Coniferous Lowland Forest	High Density Pole	6.0	101		
95	6124 - Lowland Spruce- Fir	Low Density Sapling	15.8	26		
96	4133 - Aspen, Mixed Pine	Medium Density Pole	29.7	58	111-140	
99	6128 - Lowland Coniferous, Mixed Deciduous	Medium Density Pole	18.1	101		
100	42210 - Natural Red Pine	High Density Pole	1.1	80	200+	
101	4130 - Aspen	Medium Density	31.2	16	1-50	
102	4130 - Aspen	High Density Pole	19.1	33	111-140	
103	4319 - Mixed Upland Forest	Medium Density Pole	2.7	75		
104	6120 - Lowland Cedar	High Density Pole	10.2	103		
105	4133 - Aspen, Mixed Pine	Medium Density Pole	43.4	33		
106	42210 - Natural Red Pine	High Density Log	4.9	97	141-170	
107	6120 - Lowland Cedar	Medium Density Pole	3.3	85		
109	42330 - Upland Fir	Medium Density	21.2	21	51-80	
111	4134 - Aspen, Spruce/Fir	Low Density Sapling	19.2	27	1-50	
112	6115 - Lowland Ash	Low Density Pole	8.1	60	111-140	
114	4134 - Aspen, Spruce/Fir	High Density Pole	24.4	33	111-140	
115	42340 - Upland Spruce/Fir	Medium Density	42.1	26		

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Pigeon River Country Mgt. Unit

5 – Forested Stands

Compartment: 049
Year of Entry: 2013

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
116	4319 - Mixed Upland Forest	Low Density Sapling	19.7	15		
117	4319 - Mixed Upland Forest	High Density Sapling	36.5	30		
118	6120 - Lowland Cedar	High Density Pole	13.1	103	141-170	
121	4134 - Aspen, Spruce/Fir	Medium Density Pole	21.6	26	1-50	
122	6117 - Lowland Deciduous, Mixed Coniferous	Low Density Log	11.0	65	81-110	
123	6120 - Lowland Cedar	Medium Density Pole	36.0	103		
124	4311 - Pine, Aspen Mix	Medium Density Pole	3.7	50	81-110	
125	6124 - Lowland Spruce-Fir	Medium Density Pole	1.9	75	81-110	
126	6124 - Lowland Spruce-Fir	Medium Density Log	1.8	70	111-140	
127	4311 - Pine, Aspen Mix	High Density Pole	18.6	60	111-140	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
6	6229 - Mixed lowland shrub	7.9	N/A	Unspecified	
10	310 - Herbaceous Openland	2.8	N/A	Unspecified	
17	310 - Herbaceous Openland	3.8	N/A	Unspecified	
24	330 - Low-Density Trees	2.9	N/A	Unspecified	
28	3302 - Low Density Conifer Trees	8.3	N/A	Unspecified	
39	6220 - Alder/willow	5.6	N/A	Unspecified	
40	310 - Herbaceous Openland	1.2	N/A	Unspecified	
42	629 - Mixed non-forested wetland	19.8	N/A	Unspecified	
52	3302 - Low Density Conifer Trees	9.7	N/A	Unspecified	
56	310 - Herbaceous Openland	9.6	N/A	Unspecified	
58	622 - Lowland Shrub	3.8	N/A	Unspecified	
59	3302 - Low Density Conifer Trees	9.9	N/A	Unspecified	
64	3205 - Mixed Upland Shrub	4.1	N/A	Unspecified	
68	320 - Upland Shrub	4.4	N/A	Unspecified	
70	3205 - Mixed Upland Shrub	11.9	N/A	Unspecified	
75	310 - Herbaceous Openland	5.6	N/A	Unspecified	
76	629 - Mixed non-forested wetland	2.7	N/A	Unspecified	
78	330 - Low-Density Trees	6.4	N/A	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
79	6220 - Alder/willow	13.1	No	Unspecified	
94	629 - Mixed non-forested wetland	24.2	N/A	Unspecified	
97	629 - Mixed non-forested wetland	9.6	N/A	Unspecified	
98	3205 - Mixed Upland Shrub	17.9	N/A	Unspecified	
103	310 - Herbaceous Openland	3.3	N/A	Unspecified	
108	330 - Low-Density Trees	8.6	N/A	Unspecified	
110	629 - Mixed non-forested wetland	32.3	N/A	Unspecified	
113	310 - Herbaceous Openland	4.6	N/A	Unspecified	
119	310 - Herbaceous Openland	6.7	N/A	Unspecified	
120	3302 - Low Density Conifer Trees	11.0	N/A	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.