



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

COMPARTMENT 59 ENTRY YEAR: 2013

Compartment Acreage: 1971 County: Montmorency

Revision Date:

October 6, 2011

Stand Examiner:

Sara Wall

Legal Description:

T32N - R01E Sections 17, 18, 19, 29, 30, and 31

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:

Generally quite flat, excessively drained, sandy soils. .

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

Solid state ownership within this compartment. Many of the borders are shared with private tracts, most of which are large single ownerships.

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):

The entire northern portion of this compartment was the former privately owned Blue Lakes Ranch. All buildings were removed from this property after the state acquired ownership in 1990.

Special Management Designations or Considerations:

None identified.

Watershed and Fisheries Considerations:

Hardwood creek and the mainstream of the Black River combine to form the southern boundary of the northern portion of this compartment. North Blue Lake, South Blue Lake, and Robarge Lake are all protected by special boating and fishing regulations. Town Corner Lake situated in Section 31, receives heavy use from the adjacent campground.

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 (NW) and glacial outwash sand, gravel, and post-glacial alluvium. Glacial drift thickness varies between 200 and 600 feet. There is approximately 100 feet of local relief within the compartment. Beneath the Glacial Drift is the Devonian Antrim Shale, quarried for clay/shale (cement) elsewhere in the state. The nearest gravel pit is 6 miles to the west, and potential is considered limited. This compartment is primarily surface only. The Antrim Shale development is located to the southeast of the compartment. The Niagaran trend produces just to the southeast. 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 Annexed Area, no new oil and gas leases will be issued, and any wells drilled to prevent or reduce adverse drainage will follow the guidelines listed in the Concept.

Vehicle Access:

Interior vehicle access within the northern portion of the compartment is limited to four designated parking areas. Lands in Section 31 are easily accessible off of a main trail road.

Survey Needs:

None at this time.

Recreational Facilities and Opportunities:

Town Corner State Forest Campground is located in Section 31. A spur of the High Country Pathway leads through Section 31 to the campground.

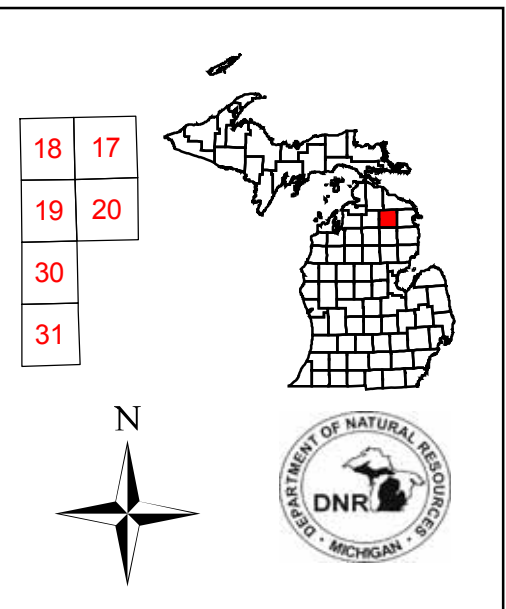
Fire Protection:

Access is available throughout the compartment in the form of old trails, but most are bermed and would require a dozer for removal.

Cover Type & Treatment Map

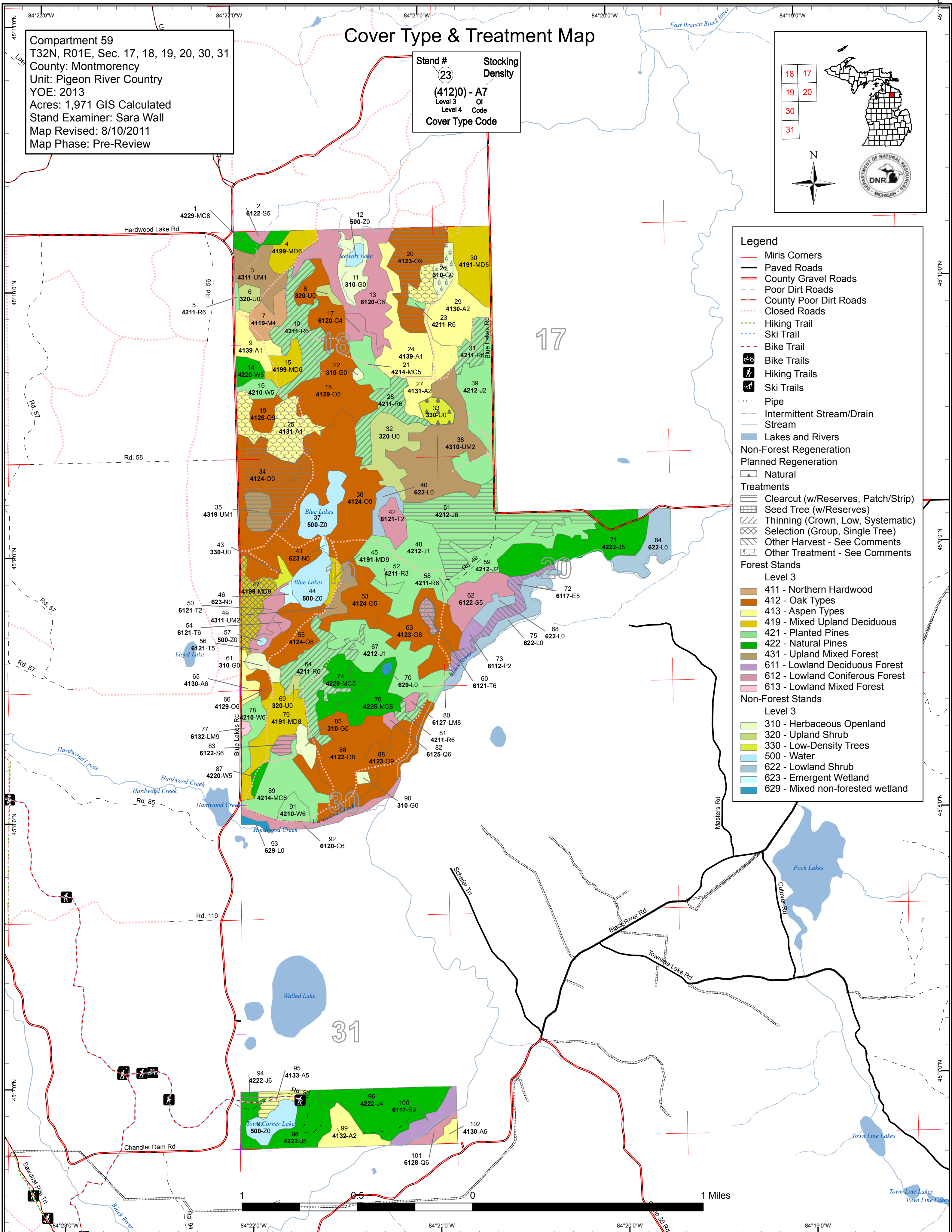
Compartment 59
 T32N, R01E, Sec. 17, 18, 19, 20, 30, 31
 County: Montmorency
 Unit: Pigeon River Country
 YOE: 2013
 Acres: 1,971 GIS Calculated
 Stand Examiner: Sara Wall
 Map Revised: 8/10/2011
 Map Phase: Pre-Review

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



Legend

- Miris Corners
- Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Closed Roads
- Hiking Trail
- Ski Trail
- Bike Trail
- Bike Trails
- Hiking Trails
- Ski Trails
- Pipe
- Intermittent Stream/Drain
- Stream
- Lakes and Rivers
- Non-Forest Regeneration
- Planned Regeneration
- Natural
- Treatments
- Clearcut (w/Reserves, Patch/Strip)
- Seed Tree (w/Reserves)
- Thinning (Crown, Low, Systematic)
- Selection (Group, Single Tree)
- Other Harvest - See Comments
- Other Treatment - See Comments
- Forest Stands
- Level 3
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 431 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- Non-Forest Stands
- Level 3
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low-Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed non-forested wetland



Stand Boundary Map

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 T32N, R01E, Sec. 17, 18, 19, 20, 30, 31
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 Stocking Density
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18 17
 19 20
 30
 31

N

Legend

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- Paved Roads
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- Poor Dirt Roads
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- Ski Trails
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- Stream
- Stand Boundaries

Forest Stands

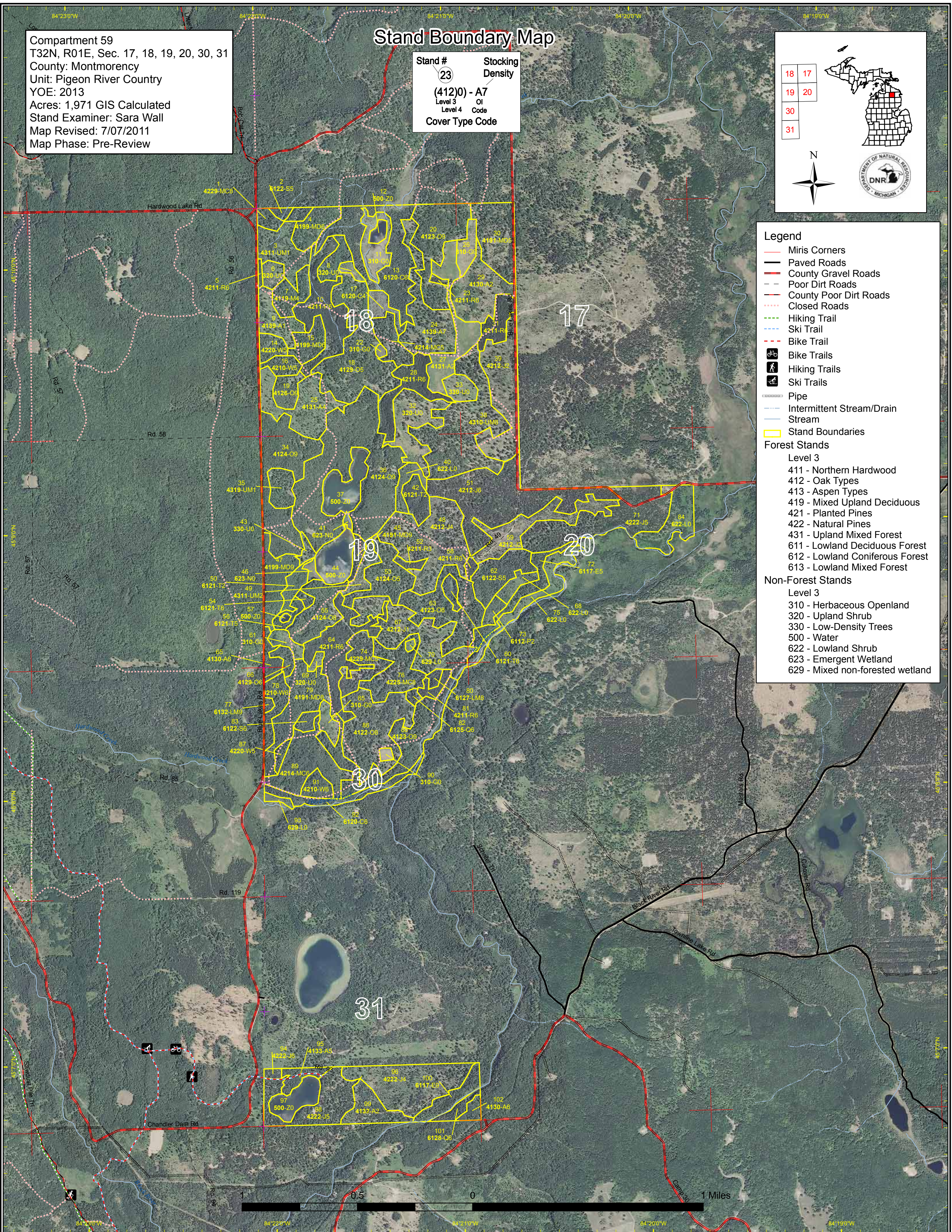
Level 3

- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
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Non-Forest Stands

Level 3

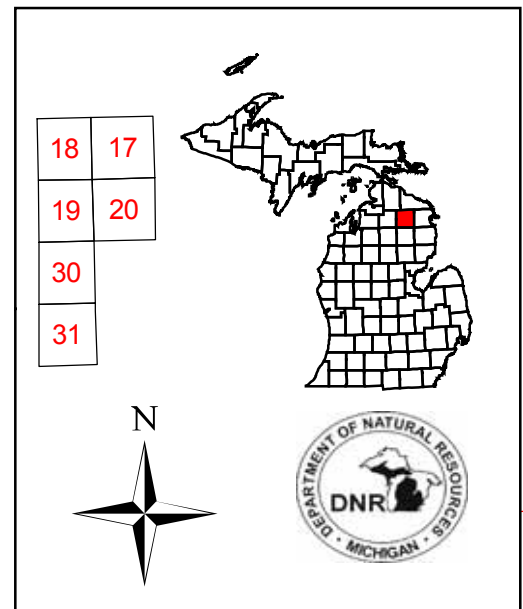
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 Acres: 1,971 GIS Calculated
 Stand Examiner: Sara Wall
 Map Revised: 4/18/2011
 Map Phase: Pre-Review

Dedicated & Proposed Special Conservation Area Map

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



- Legend**
- Miris Corners
 - Stand Boundaries
 - ▭ Dedicated Special Conservation Areas
 - Cold Water Streams
 - ▲ Campgrounds
 - Ⓢ Boat Access Sites
- Forest Stands**
- Level 3
- 411 - Northern Hardwood
 - 412 - Oak Types
 - 413 - Aspen Types
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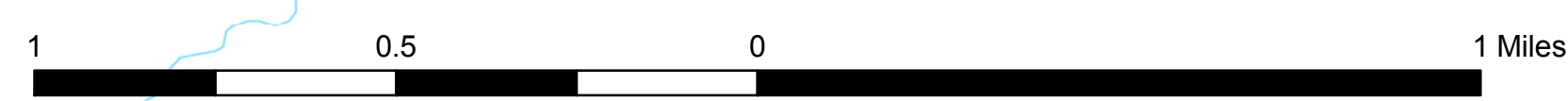
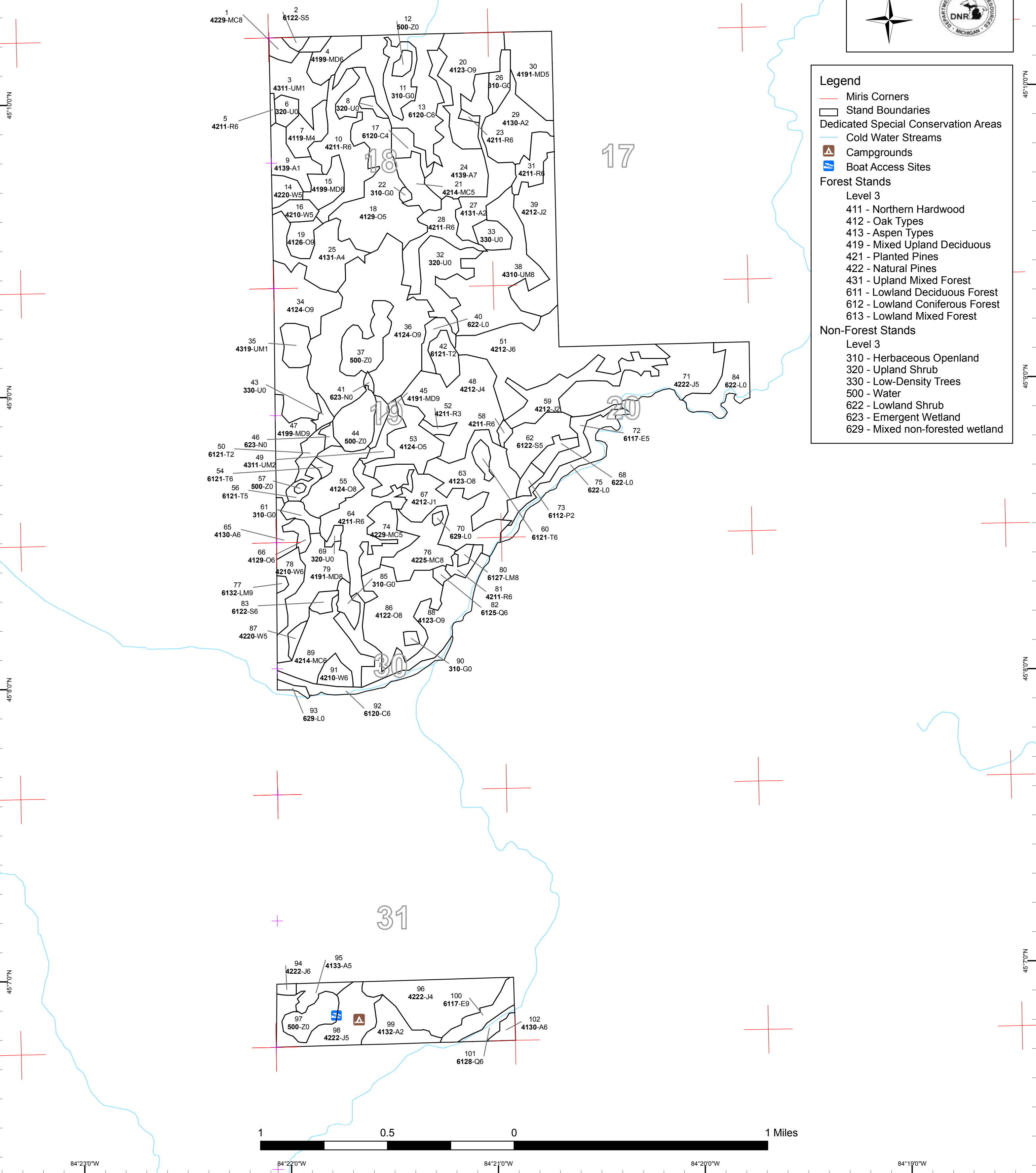


Table 1 – Total Acres by Cover Type and Age Class



	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	63	103	0	12	0	8	0	0	0	0	0	0	0	0	185
Cedar	0	0	0	0	0	0	0	0	0	9	52	0	14	0	0	74
Herbaceous Openland	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
Jack Pine	0	48	134	0	0	2	83	131	0	0	0	0	0	0	0	399
Low-Density Trees	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Lowland Aspen/Balsam Poplar	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
Lowland Conifers	0	0	0	0	0	0	0	0	6	5	0	0	0	0	0	10
Lowland Deciduous	0	0	0	0	16	0	0	0	0	13	0	0	0	0	0	30
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
Lowland Shrub	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62
Lowland Spruce/Fir	0	0	0	0	0	0	0	23	0	0	7	0	0	0	0	29
Marsh	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Mixed Upland Deciduous	0	0	0	0	32	0	0	0	12	5	15	32	0	0	22	118
Natural Mixed Pines	0	0	0	0	0	19	0	0	0	0	8	27	0	0	0	54
Northern Hardwood	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	14
Oak	0	0	0	0	0	0	0	0	271	66	40	52	50	0	0	478
Planted Mixed Pines	0	0	35	0	14	0	0	0	0	0	0	0	0	0	0	49
Red Pine	0	0	0	4	4	112	0	5	0	0	0	0	0	0	0	125
Tamarack	0	0	0	0	10	5	11	0	0	5	0	0	0	0	0	31
Upland Mixed Forest	0	22	78	11	0	0	0	0	0	0	0	0	0	0	0	112
Upland Shrub	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
Water	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61
White Pine	0	0	8	15	16	0	0	0	0	0	0	0	0	0	0	38
Total	219	134	357	48	104	138	102	159	289	102	123	111	64	0	22	1971



Don River Country Mgt. Unit
Year of Entry 2013

Table 2 – Proposed Treatment Summaries

Compartment 059
Total Compartment Acres: 1971

Acres by Treatment Type

Commercial Harvest - 329	Site Prep - 42	Tree Planting - 0	Prescribed Burn - 9	Other - 0
Habitat Cut - 16	Opening Maintenance - 0	Tree Seeding - 0	Pesticide - 0	

Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Aspen	7	0	0	0	0	0	7
Jack Pine	78	0	0	0	0	0	78
Lowland Deciduous	0	0	0	0	0	16	16
Lowland Spruce/Fir	4	0	0	0	0	0	4
Mixed Upland Deciduous	0	22	0	0	0	0	22
Oak	41	0	0	0	0	0	41
Red Pine	0	0	0	0	117	0	117
Tamarack	0	0	5	0	0	0	5
Upland Mixed Forest	55	0	0	0	0	0	55
Total	185	22	5	0	117	16	345

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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
10 53059010-Cut	38.2	42110 - Planted Red Pine	High Density Pole	46	Harvest	Crown Thinning	42110 - Planted Red Pine	Cmpt. Review Proposal

Prescription Thin to reduce BA by 1/3 - Remove approximately 50-60 sq. ft per acre.

Specs:

Other

Comments:

Next

Steps:

20 53059020-Cut	40.5	4123 - Red Oak	High Density Log	84	Harvest	Clearcut with Reserves	3301 - Low Density Deciduous Trees	Cmpt. Review Proposal
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Prescription Clearcut all species. Mark at least 10 sq feet of oak where present to serve as residual seed source. Site prep to prepare seed bed in late fall/dormant season, preferably using in-house equipment and labor - trenching or other scarification practices to expose mineral soil are acceptable - and seed/plant jp/np and oak in the form of acorns or seedlings. Objective is to maintain or increase oak presence on the site, using pine as a cover to reduce browse damage.

Specs:

Other Adjacent stand to north was just cut, oak was retained.

Comments:

Next Regen check at 3 years to ensure adequate stocking - interplanting to fill in light areas is acceptable.

Steps:

28 53059028-Cut	23.0	42110 - Planted Red Pine	High Density Pole	48	Harvest	Crown Thinning	42110 - Planted Red Pine	Cmpt. Review Proposal
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Prescription Row thin to reduce BA approximately 1/3, removing 50-60 sq ft/acre.

Specs:

Other

Comments:

Next

Steps:

31 53059031-Cut	13.3	42110 - Planted Red Pine	High Density Pole	49	Harvest	Crown Thinning	42110 - Planted Red Pine	Cmpt. Review Proposal
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Prescription Row thin, 1st entry. Remove 1/3 of BA, approximately 50-60 sq ft/acre.

Specs:

Other

Comments:

Next

Steps:

35 53059035-Cut	55.5	4319 - Mixed Upland Forest	Low Density Sapling	26	Harvest	Clearcut with Reserves	4319 - Mixed Upland Forest	Cmpt. Review Proposal
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Prescription Clearcut all species in stand 35 and portions of 34 and 36. Mark at least 10 sq feet of oak where present to serve as residual seed source. Site prep to prepare seed bed in late fall/dormant season, preferably using in-house equipment and labor - trenching or other common scarification practices to expose mineral soil are acceptable - and seed or plant jp/np and oak in the form of acorns or seedlings. Objective is to maintain or increase red and white oak presence on the site, using pine as a cover to reduce browse damage.

Specs:

Other Use existing trail as boundary along lake in order to provide an adequate buffer.

Comments:

Next

Steps: Site prep and plant/seed, followed by a regen check at 3 years post-planting to ensure survival is acceptable. Follow-up with interplanting as needed to achieve desired stocking levels. Continue to monitor during inventory cycle (next in 2021) to ensure success.



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
47	53059047-Cut	21.7	4199 - Other Mixed Upland Deciduous	High Density Log	85	Harvest	Group Selection	4111 - S.Maple, Hard Mast Association	Cmpt. Review Proposal
<u>Prescription</u> Thin canopy and create gaps to promote shade-intolerant regeneration (PB/Oak), reserve aspen and do not cut oak. Use a combination of <u>Specs:</u> single tree selection and group selection.									
<u>Other</u> Objectives: pulpwood, sawlogs, biodiversity. Elk browse is a concern. <u>Comments:</u>									
<u>Next</u> <u>Steps:</u>									
51	53059051-Cut	75.8	42120 - Planted Jack Pine	High Density Pole	69	Harvest	Clearcut with Reserves	42220 - Natural Jack Pine	Cmpt. Review Proposal
<u>Prescription</u> Final harvest of jackpine with scattered seed tree reserves. Reduce treatment acres for pockets of young JP and small NP plantations. Retain <u>Specs:</u> 1/3 biomass volume from tops onsite for additional seed post-harvest. Lop and scatter across harvest area.									
<u>Other</u> Natural regen to jack pine with Norway pine acceptable as a secondary species. Leave normal level of retention. Complete regen survey at 3 <u>Comments:</u> years post-harvest to ensure adequate stocking - follow-up with artificial planting if supplemental work is required (scarification and seeding are also acceptable options to bring up stocking levels). Stand exceeds 40-acres.									
<u>Next</u> <u>Steps:</u> Regen check at 3 years post-harvest.									
60	53059060-Cut	4.6	6121 - Tamarack	High Density Pole	88	Harvest	Seed Tree	6121 - Tamarack	Cmpt. Review Proposal
<u>Prescription</u> Clearcut tamarack and all white pine. Mark 6-12 tamarack/acre with decent crowns to reserve as seed trees. Be sure to include rutting spec, <u>Specs:</u> maybe with a little tighter restrictions than normal to protect site quality. Winter frozen access only, best with a small tracked processor. Tops should be left dispersed uniformly across site. Remove all white pine to encourage more tamarack reproduction and limit wp competition.									
<u>Other</u> Natural regen to tamarack/lowland conifers. Reduce acres for stagnant bs and cattail pocket. <u>Comments:</u>									
<u>Next</u> <u>Steps:</u> Regen check at appropriate interval									
64	53059064-Cut	38.0	42110 - Planted Red Pine	High Density Pole	47	Harvest	Crown Thinning	42110 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Row thin to remove ~ 1/3 of BA evenly across the site, approximately 40 sq ft/acre. <u>Specs:</u>									
<u>Other</u> <u>Comments:</u>									
<u>Next</u> <u>Steps:</u>									
72	53059072-Cut	16.2	6117 - Lowland Deciduous, Mixed Coniferous	Medium Density Pole	30	Harvest	Other - Specify in Comments	4130 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> Shear for woodcock habitat in winter/frozen conditions. <u>Specs:</u>									
<u>Other</u> Reduce acres (reserve conifer component of stand). Natural regen to aspen spp. <u>Comments:</u>									
<u>Next</u> <u>Steps:</u>									



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
81	53059081-Cut	4.9	42110 - Planted Red Pine	High Density Pole	60	Harvest	Crown Thinning	42110 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Row thin to reduce BA by 1/3.									
<u>Specs:</u>									
<u>Other</u>									
<u>Comments:</u>									
<u>Next</u>									
<u>Steps:</u>									
83	53059083-Cut	4.2	6122 - Black Spruce	High Density Pole	90	Harvest	Patch or Strip Clearcut	6122 - Black Spruce	Cmpt. Review Proposal
<u>Prescription</u> Clearcut strips 100-200' feet wide. Leave strips 1-2 ch wide for natural seeding.									
<u>Specs:</u>									
<u>Other</u>									
<u>Comments:</u> This is a very small stand, no mistletoe id'd during site visit. Likely a frozen ground access only stand - if any mistletoe is ID'd, remove all slash from stand									
<u>Next</u>									
<u>Steps:</u> Regen check to ensure adequate regen prior to removal of leave strips.									
94	53059094-Cut	2.1	42220 - Natural Jack Pine	High Density Pole	47	Harvest	Clearcut with Reserves	42220 - Natural Jack Pine	Cmpt. Review Proposal
<u>Prescription</u> Final harvest of jack pine - mark reserves to maintain an on-site seed source. Leave minimal slash to maintain nutrient-poor site conditions, but ensure some tops are scattered through site to disperse existing upopened cones.									
<u>Specs:</u>									
<u>Other</u>									
<u>Comments:</u> Natural regen to jp. Spur of HC pathway and road to Towncorner Campground run along stand. Cut with south portion of adjacent stand (108) in Compartment 43.									
<u>Next</u>									
<u>Steps:</u> Regen check at appropriate interval									
95	53059095-Cut	7.0	4133 - Aspen, Mixed Pine	Medium Density Pole	52	Harvest	Clearcut with Reserves	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
<u>Prescription</u> Final harvest of aspen, birch, and maple. Reserve oak and NP for aesthetics, scarify (using tsale specs on skidding practices) to encourage oak volunteers from seed.									
<u>Specs:</u>									
<u>Other</u>									
<u>Comments:</u> Natural regen to mixed hardwoods (a/pb/rm) and pine spp. Only 1 spur-trail crossing allowed in skidding operations. Lake buffer will be left for retention and aesthetics. Winter cut to reduce potential conflicts/hazards with recreational users.									
<u>Next</u>									
<u>Steps:</u> Regen check at appropriate interval									
25	53059025- Prep	33.5	4131 - Aspen, Oak	Low Density Pole	5	Site Prep	Trenching	4122 - Oak, Pine	Cmpt. Review Proposal
<u>Prescription</u> Site prep to prepare seed bed in late fall/dormant season using in-house equipment and labor - trenching or other scarification practices to expose mineral soil are acceptable - and seed/plant jp/np and oak in the form of acorns or seedlings. Objective is to maintain or increase oak presence on the site, using pine as a cover to reduce browse damage. (Include with treatment to stands 34,35, and 36).									
<u>Specs:</u>									
<u>Other</u>									
<u>Comments:</u> Objective is to maintain or increase oak component on the site, using pine as a cover to reduce browse damage. Entire site may not need treatment - only prep/plant areas lacking in adequate regen.									
<u>Next</u>									
<u>Steps:</u> Seed or plant and follow with regen check at 3 years post-treatment. Interplanting as needed is acceptable to ensure adequate stocking. Continue monitoring during inventory cycle (next in 2021).									

**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
27 53059027- Prep	8.6	4131 - Aspen, Oak	Medium Density Saplin	5	Site Prep	Trenching	3301 - Low Density Deciduous Trees	Cmpt. Review Proposal
<p><u>Prescription</u> Site prep to prepare seed bed in late fall/dormant season using in-house equipment and labor - trenching or other scarification practices to expose mineral soil are acceptable - and seed/plant jp/np and oak in the form of acorns or seedlings. Objective is to increase oak presence on the site, using pine as a cover to reduce browse damage.</p> <p><u>Specs:</u></p> <p><u>Other</u> Include treatment with adjacent stand to north.</p> <p><u>Comments:</u></p> <p><u>Next</u> Regen check 3 years post-treatment.</p> <p><u>Steps:</u></p>								

26 NF_53059026- Burn	8.8	Non-Forested		0	Prescribed Burn	Unspecified	3102 - Grass	Cmpt. Review Proposal
<p><u>Prescription</u></p> <p><u>Specs:</u></p> <p><u>Other</u></p> <p><u>Comments:</u></p> <p><u>Next</u></p> <p><u>Steps:</u></p>								

**Total Treatment
Acreage Proposed: 395.7**



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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**

Out of YOE -- Treatments
Prescribed with No Limiting Factor

Year of Entry: 2013



Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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Prescription
Specs:

Other
Comments:

Next
Steps:

**Total Treatment
Acreage Proposed: 0**



Stand	Pigeon River Country Mgt. Unit		5 – Forested Stands			Compartment: 059 Year of Entry: 2013	
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:	
1	42290 - Natural Mixed Pine	Medium Density Log	8.1	92	81-110		
2	6122 - Black Spruce	Medium Density Pole	2.3	92	111-140		
3	4311 - Pine, Aspen Mix	Low Density Sapling	22.4	8			
4	4199 - Other Mixed Upland Deciduous	High Density Pole	14.6	95	111-140		
5	42110 - Planted Red Pine	High Density Pole	1.4	27	111-140		
7	4119 - Mixed Northern Hardwoods	Low Density Pole	13.8	20			
9	4139 - Aspen, Mixed Deciduous	Low Density Sapling	15.9	17	1-50	This stand was cut in the mid-90s, and aspen/maple regen has been browsed considerably. Existing young stems are poor quality and low density.	
10	42110 - Planted Red Pine	High Density Pole	38.2	46	171-200		
13	6120 - Lowland Cedar	High Density Pole	51.9	91	171-200		
14	42200 - Natural White Pine	Medium Density Pole	7.4	25	51-80		
15	4199 - Other Mixed Upland Deciduous	High Density Pole	12.4	71	81-110		
16	42100 - Planted White Pine	Medium Density Pole	7.2	25	111-140		
17	6120 - Lowland Cedar	Low Density Pole	8.6	85			
18	4129 - Mixed Oak	Medium Density Pole	72.2	71	51-80		
19	4126 - White, Black, N. Pin Oak	High Density Log	9.7	71	111-140		
20	4123 - Red Oak	High Density Log	40.5	84	111-140		
21	42141 - Planted Mixed Pine, Mixed Deciduous	Medium Density Pole	13.8	39	111-140		
23	42110 - Planted Red Pine	High Density Pole	1.4	30	81-110		



Stand	Pigeon River Country Mgt. Unit		5 – Forested Stands			Compartment: 059 Year of Entry: 2013
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
24	4139 - Aspen, Mixed Deciduous	Low Density Sapling	37.7	17	81-110	
25	4131 - Aspen, Oak	Low Density Sapling	33.6	5	1-50	
27	4131 - Aspen, Oak	Medium Density	29.8	5		
28	42110 - Planted Red Pine	High Density Pole	23.0	48	171-200	
29	4130 - Aspen	Medium Density	31.3	17		
30	4191 - Mixed Upland Deciduous with Conifer	Medium Density Pole	32.1	30	1-50	
31	42110 - Planted Red Pine	High Density Pole	13.3	49	171-200	
34	4124 - Red with White Oak	High Density Log	52.5	78	81-110	
35	4319 - Mixed Upland Forest	Low Density Sapling	11.2	26	1-50	
36	4124 - Red with White Oak	High Density Log	111.5	78	111-140	
38	4310 - Pine, Oak Mix	Medium Density	69.2	14	81-110	
39	42120 - Planted Jack Pine	Medium Density	44.9	14	1-50	
42	6121 - Tamarack	Medium Density	10.9	53	111-140	
45	4191 - Mixed Upland Deciduous with Conifer	High Density Log	4.8	83	81-110	
47	4199 - Other Mixed Upland Deciduous	High Density Log	21.7	Uneven Age	111-140	
48	42121 - Planted Jack Pine, Mixed Deciduous	Low Density Sapling	58.8	13		
49	4311 - Pine, Aspen Mix	Medium Density	8.7	13		
50	6121 - Tamarack	Medium Density	7.8	35		

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

Compartment: 059
Year of Entry: 2013



S t a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
51	42120 - Planted Jack Pine	High Density Pole	75.7	69	81-110	
52	42110 - Planted Red Pine	High Density Sapling	2.9	30	111-140	
53	4124 - Red with White Oak	Medium Density Pole	25.1	77	1-50	
54	6121 - Tamarack	High Density Pole	2.2	30	81-110	
55	4124 - Red with White Oak	Medium Density Log	25.1	83	81-110	
56	6121 - Tamarack	Medium Density Pole	5.0	45	81-110	
58	42110 - Planted Red Pine	High Density Pole	2.4	27	81-110	
59	42120 - Planted Jack Pine	Medium Density	30.1	17		
60	6121 - Tamarack	High Density Pole	4.6	88	141-170	
62	6122 - Black Spruce	Medium Density Pole	22.9	69	141-170	
63	4123 - Red Oak	Medium Density Log	40.1	93	51-80	
64	42110 - Planted Red Pine	High Density Pole	38.0	47	141-170	
65	4130 - Aspen	High Density Pole	7.2	34	111-140	
66	4129 - Mixed Oak	High Density Pole	5.0	109	111-140	
67	42120 - Planted Jack Pine	Low Density Sapling	48.2	9	51-80	
71	42221 - Natural Jack Pine, Mixed Deciduous	Medium Density Pole	55.6	69	111-140	
72	6117 - Lowland Deciduous, Mixed Coniferous	Medium Density Pole	16.1	30	51-80	
73	6112 - Lowland Aspen	Medium Density	4.6	25		

S t a n d	Pigeon River Country Mgt. Unit		5 – Forested Stands			Compartment: 059 Year of Entry: 2013	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range		
74	42290 - Natural Mixed Pine	Medium Density Pole	18.9	45	81-110		
76	42250 - Pine, Oak	Medium Density Log	26.8	109	1-50		
77	6132 - Mixed Lowland Forest with Cedar	High Density Log	1.5	92	111-140		
78	42101 - Planted White Pine, Mixed Deciduous	High Density Pole	12.6	34	111-140		
79	4191 - Mixed Upland Deciduous with Conifer	Medium Density Log	32.4	109	81-110		
80	6127 - Lowland Pine	Medium Density Log	2.5	88	111-140		
81	42110 - Planted Red Pine	High Density Pole	4.9	60	171-200		
82	6125 - Lowland Black Spruce, Jack Pine	High Density Pole	2.2	88	81-110		
83	6122 - Black Spruce	High Density Pole	4.2	90	111-140		
86	4122 - Oak, Pine	Medium Density Log	50.0	114	81-110		
87	42200 - Natural White Pine	Medium Density Pole	3.3	34	111-140		
88	4123 - Red Oak	High Density Log	46.9	109	111-140		
89	42140 - Planted Mixed Pine	High Density Pole	34.9	19	81-110		
91	42100 - Planted White Pine	High Density Pole	7.8	18	81-110		
92	6120 - Lowland Cedar	High Density Pole	14.0	110			
94	42220 - Natural Jack Pine	High Density Pole	2.1	47	111-140		
95	4133 - Aspen, Mixed Pine	Medium Density Pole	7.8	52	111-140		
96	42220 - Natural Jack Pine	Low Density Pole	49.6	54	51-80		



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Pigeon River Country Mgt. Unit

5 – Forested Stands

Compartment: 059
Year of Entry: 2013



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
98	42220 - Natural Jack Pine	Medium Density Pole	33.5	55	81-110	
99	4132 - Aspen, Jack Pine	Medium Density	17.6	18	51-80	
100	6117 - Lowland Deciduous, Mixed Coniferous	High Density Log	13.4	83	111-140	
101	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	5.5	75	111-140	
102	4130 - Aspen	High Density Pole	4.4	30		



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
6	3205 - Mixed Upland Shrub	6.1	N/A	Unspecified	
8	3205 - Mixed Upland Shrub	2.9	N/A	Unspecified	Red Maple is abundant
11	3102 - Grass	15.7	N/A	Unspecified	
12	50 - Water	3.6	N/A	Unspecified	Stewart lake
22	310 - Herbaceous Openland	1.4	N/A	Unspecified	
26	310 - Herbaceous Openland	8.8	N/A	Unspecified	
32	3205 - Mixed Upland Shrub	29.1	N/A	Unspecified	plant/seed to re-establish tree cover
33	3301 - Low Density Deciduous Tree	8.8	Natural Regen	Oak	
37	50 - Water	22.4	N/A	Unspecified	North blue lake
40	622 - Lowland Shrub	7.8	N/A	Unspecified	3" aspen present on west side, otherwise leatherleaf and scattered tamarack/shrubs
41	623 - Emergent Wetland	1.2	No	Unspecified	
43	3303 - Mixed Low Density Trees	3.3	N/A	Unspecified	Abundant cherry
44	50 - Water	18.9	N/A	Unspecified	south blue lake
46	623 - Emergent Wetland	2.6	N/A	Unspecified	
57	50 - Water	0.8	N/A	Unspecified	
61	310 - Herbaceous Openland	6.1	N/A	Unspecified	
68	6229 - Mixed lowland shrub	6.7	N/A	Unspecified	scattered lowland conifers present
69	3205 - Mixed Upland Shrub	2.2	N/A	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
70	629 - Mixed non-forested wetland	1.1	N/A	Unspecified	this is a non-forested wetland ringed by mature np/bta/ro on the slope
75	6220 - Alder/willow	19.6	N/A	Unspecified	adjacent to black river
84	6229 - Mixed lowland shrub	24.1	N/A	Unspecified	adjacent to black river. Some cedar and lowland conifers in pockets. Some hardwoods growing on steep slope down to flat.
85	310 - Herbaceous Openland	6.5	N/A	Unspecified	
90	3105 - Mixed Upland Herbaceous	1.8	N/A	Unspecified	
93	629 - Mixed non-forested wetland	2.3	N/A	Unspecified	
97	50 - Water	15.1	No	Unspecified	Town Corner lake



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.
SCA	Concentrated Recreation Area	Facilities that are designed and maintained for routine or heavy recreational use, including State Parks, State Forest campgrounds, motorized and non-motorized trails, trailheads, staging areas and public access sites.