

ATLANTA FOREST MANAGEMENT UNIT

COMPARTMENT REVIEW PRESENTATION

COMPARTMENT 076 ENTRY YEAR: 2013

Compartment Acreage: 2419 County: Montmorency

Revision Date: October 27, 2011

Stand Examiner: Barber

Legal Description: T32N, R4E, Sec. 4, 6, 7, 8, 9, 16, 17, & 19.

RMU (if applicable): Thunder Bay Outwash MA

Management Goals: Balance aspen age classes.

Soil and Topography: Compartment is one-third lowland and PArVCo. The balance tends to be sandy soils on slightly rolling terrain. There are occasional severely steep areas. Dry ground is mostly PArVHa/PArVVb with a little AFO.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Royston farmland lies to the east. The balance in all other directions is a 50-50 mix of state land and hunting camps.

Unique, Natural Features (include only non-site specific and non-sensitive information): None reported.

Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information): None Reported.

Special Management Designations or Considerations: None.

Watershed and Fisheries Considerations: North Branch of the Thunder Bay River flows through this compartment, mostly across private in holdings.

Wildlife Habitat Considerations: This compartment covers a large area in three units surrounded by private lands. It contains a diversity of habitat types, dominated by aspen. There are many wildlife openings in this compartment which will be maintained in food and cover for benefits to wildlife. Featured species supported by this compartment include white-tailed deer, black bear, ruffed grouse, American woodcock, wild turkey, and elk. There is also potential for eastern Massasauga rattlesnake and Blanding's turtles in this compartment.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium and coarse-textured glacial till. An esker appears to be in this area. The glacial drift thickness varies between 200 and 400 feet. Beneath the glacial drift is the Devonian Traverse Group. The Traverse is quarried for Limestone/cement products. The nearest gravel pit is on private land within the compartment, in Section 9. The potential in the compartment is considered good. This area has had no drilling for oil and gas. The Antrim Shale was eroded off in this area. There are no leases for oil & gas in the compartment, but there may be potential for the Collingwood Formation.

Survey Needs: Surveying may be required for timber sale preparation or to prove trespass.
Recreational Facilities and Opportunities: Mostly hunting.
Fire Protection: Adequate. There is some jack pine in the north, connecting with Compartment 128.

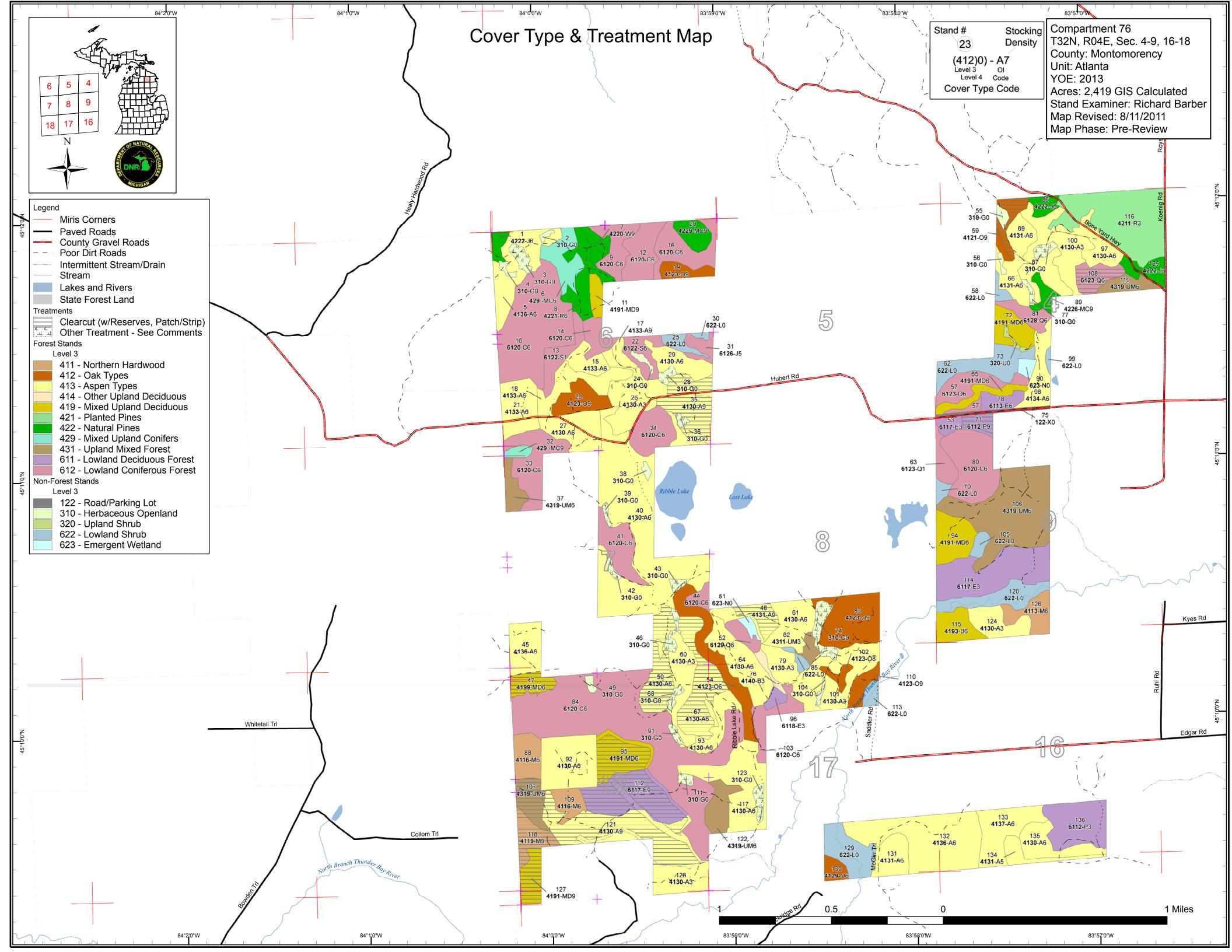
Vehicle Access: Roads to be closed are shown on the compartment map as closed or abandoned.

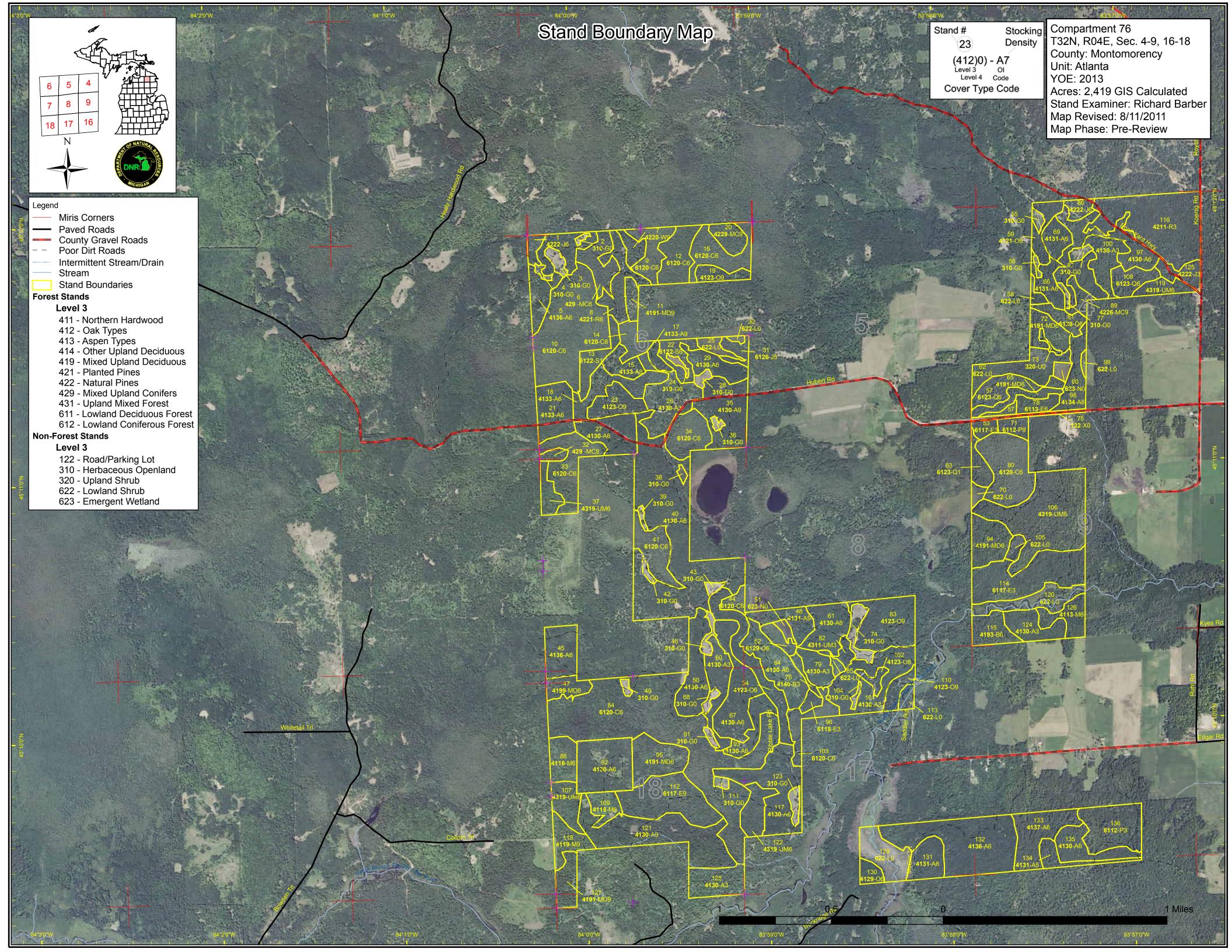
- **➤** The following 5 reports from the Operations Inventory System (OIPC) are attached:
 - **♦** Cover Type by Age Class

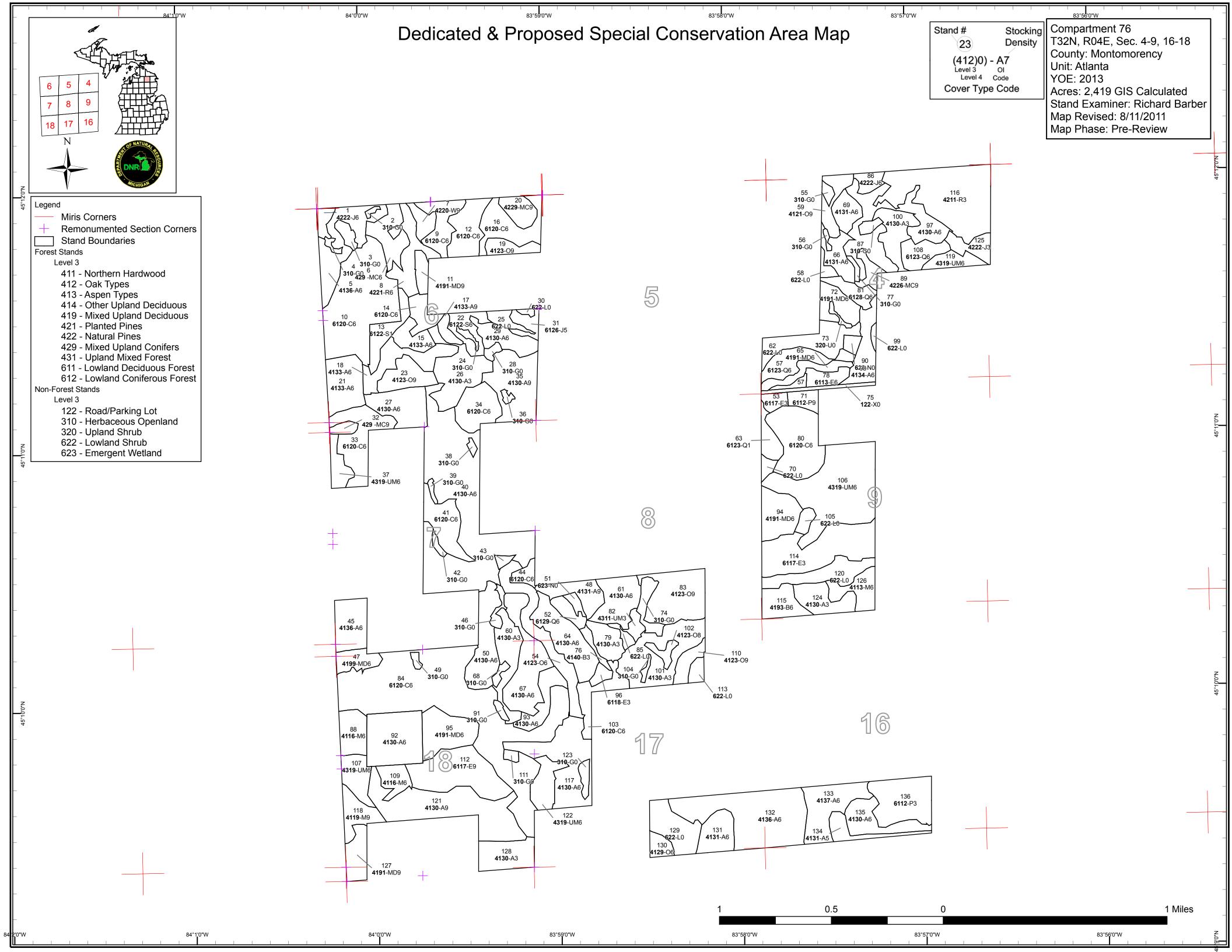
Additional Compartment Information:

- **♦** Cover Type by Management Objective
- **♦** Compartment Volume Summary

- **♦** Proposed Treatments No Limiting Factors
- **♦** Proposed Treatments With Limiting Factors
- > The following information is displayed, where pertinent, on the attached compartment maps:
 - **♦** Base feature information, stand numbers, cover types
 - **♦** Proposed treatments
 - **♦** Proposed road access system
 - ♦ Suggested potential old growth







Richard Barber: Examiner



							Age	Class									
	, go	A SE	 0;	0,0	25.5%	No. No.	A PARTIES AND A	\$ /	8	10,00	\$ 6 S	355	lo l	, o, z, z, o, z, z, o, z, z, o, z, z, o, z, z, z, o, z,	ZOX /	No. of the second secon	, 80° /
Aspen	0	21	81	93	262	320	85	54	62	15	0	0	0	0	0	992	
Cedar	0	0	0	0	0	0	0	0	0	35	61	256	62	30	0	444	İ
Herbaceous Openland	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	İ
Jack Pine	0	0	0	16	0	5	0	0	0	7	0	0	0	0	0	28	
Lowland Aspen/Balsam Poplar	0	0	33	0	0	0	0	0	7	0	0	0	0	0	0	40	
Lowland Conifers	0	0	0	0	0	0	0	0	21	7	13	9	0	10	0	58	
Lowland Deciduous	0	0	5	55	0	0	0	0	8	44	0	0	0	0	0	112	
Lowland Shrub	94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	94	
Lowland Spruce/Fir	0	0	0	14	0	0	0	0	0	12	0	0	0	0	0	26	
Marsh	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
Mixed Upland Deciduous	0	0	0	0	0	10	0	0	0	91	0	0	0	0	0	101	l
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	6	0	0	11	0	0	17	
Northern Hardwood	0	0	0	0	0	0	0	0	14	15	25	0	0	0	0	54	
Oak	0	0	0	0	0	0	0	0	51	57	0	11	0	0	0	119	
Paper Birch	0	0	0	4	0	0	0	0	0	0	15	0	0	0	0	19	
Red Pine	0	0	0	70	0	0	0	0	0	0	0	0	21	0	0	91	
Upland Conifers	0	0	0	0	0	0	18	0	0	4	0	0	0	0	0	21	
Upland Mixed Forest	0	0	0	5	9	14	9	0	0	14	77	0	0	0	0	129	
Upland Shrub	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Urban	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
White Pine	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	7	
Total	160	21	119	256	272	349	112	54	162	308	191	276	101	40	0	2419	



Table 2 – Proposed Treatment Summaries

Atlanta Mgt. Unit

Compartment 076 Year of Entry 2013 **Total Compartment Acres: 2419**

Acres by Treatment Type

Commercial Harvest - 305 Site Prep - 0 Tree Planting - 0 Prescribed Burn - 0 Other - 0

Habitat Cut - 0 Opening Maintenance - 42 Tree Seeding - 0 Pesticide - 0

Cover Type by Harvest Method

		Cover Type by Harvest Method									
		/	10 0.00 O.00	To log of	100 K	oo A	Otto Otto		, Se P		
Aspen		162	0	0	0	0	0	162			
Lowland Aspen/E	Balsam Poplar	6	0	0	0	0	0	6			
Lowland Conifers		13	0	0	0	0	0	13			
Lowland Deciduo	ous	41	0	0	0	0	0	41			
Mixed Upland De	ciduous	46	0	0	0	0	0	46			
Northern Hardwo	ood	14	0	0	0	0	0	14			
Oak	9	0	0	0	0	0	9				
Upland Mixed Fo	Upland Mixed Forest			0	0	0	0	14			
	Total	305	0	0	0	0	0	305			

Compartment: 076 Atlanta Mgt. Unit Table 3 -- Treatments Prescribed with No Limiting Factor Year of Entry 2013 s t а **Treatment** Acres Stage1 Size Stand **Treatment Treatment Cover Type** n **Approval** Name CoverType Method Objective **Status** d Density Age Type 35 54076035-30.9 4130 - Aspen High Density Log 45 Harvest Clearcut with 4122 - Oak, Pine Cmpt. Review CCR Reserves Proposal Prescription Remove aspen, fir and maple. Leave 3-10% of stand area as retention. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. Shortwood to protect WP and oak regeneration. Paint steep slopes out of Specs: <u>Other</u> Comments: <u>Next</u> Steps: 48 54076048-10.4 Clearcut with 4116 - Mixed N. 4131 - Aspen, Oak High Density Log 85 Harvest Cmpt. Review **CCR** Reserves Hardwood - Aspen Proposal Prescription Leave 3-10% of stand area as retention. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. Ideal location is along wetlands. Paint in 1-chain minimum buffer along wetlands. Do not cut red pine or white Specs: pine. Protect existing white pine and red pine regeneration. Paint steep slopes out of sale. Mark to leave one CLUMP of 2-4 mature oak per <u>Other</u> Comments: <u>Next</u> Steps: 50 54076050-26.4 4130 - Aspen High Density Pole Clearcut with 4130 - Aspen Cmpt. Review Harvest CCR Reserves Proposal Prescription Leave 3-10% of stand area as retention. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. Paint steep slopes out of sale. Do not cut red pine, white pine or oak. <u>Other</u> Comments: <u>Next</u> Steps: 54076059-59 8.9 4121 - Oak, Aspen High Density Log Harvest Clearcut with 4113 - R.Maple, Cmpt. Review CCR Reserves Conifer Proposal

Specs:

Prescription Leave 3-10% of stand area as retention. Paint steep slopes out of sale. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. Mark to leave one CLUMP of 2-4 mature oak per acre. Do not cut white oak or pine.

Other

Comments:

<u>Next</u> Steps:

54076067-67 35 2 4130 - Aspen High Density Pole Harvest Clearcut with 4130 - Aspen Cmpt. Review CCR Reserves Proposal

Prescription Leave 3-10% of stand area as retention. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in Specs: a medium or well stocked stand. Paint steep slopes out of sale. Do not cut red pine, white pine or oak.

<u>Other</u>

Comments:

<u>Next</u>

Steps:

S t		At	tlanta Mgt. Unit			atments Pres _imiting Fact		Compartment: 076 Year of Entry 2013	OF NATURAL PROPERTY OF NAT	
a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status	
71	54076071- CCR	5.7	6112 - Lowland Aspen	High Density Log	70	Harvest	Clearcut with Reserves	6117 - Lowland Deciduous, Mixed Coniferous	Cmpt. Review Proposal	
Prescri Specs:	combina		spen, oak, jack pine,					uth. Acceptable regener Paint steep slopes out		
Other Comm	ents:									
Next Steps:										
95	54076095- CCR	22.0	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	81	Harvest	Clearcut with Reserves	4113 - R.Maple, Conifer	Cmpt. Review Proposal	
Prescri Specs:								pine, red pine, or white buffer along adjoining of		
Common Next Steps:										
107	54076107- CCR	14.4	4319 - Mixed Upland Forest	High Density Pole	83	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal	
Prescri Specs:			tand area as retentio stocked stand. Do no				on of aspen, oak, jack	pine, red pine, or white	pine resulting in	
Other Comm	ents:									
Next Steps:										
108	54076108- CCR	12.8	6123 - Lowland Fir	High Density Pole	91	Harvest	Clearcut with Reserves	6130 - Fir, Aspen, Maple	Cmpt. Review Proposal	
Prescri Specs:			tand area as retentio o not cut red pine, w		eneration	is any combinati	on of native tree speci	ies resulting in a mediun	n or well	

Comments:

Next
Steps:

54076112-

CCR

41.1

6117 - Lowland

Deciduous, Mixed

Coniferous

EACH side of EACH free flowing stream in this stand.

112

Specs:

Other Comments: Next Steps:

Prescription Leave 3-10% of stand area as retention. Acceptable regeneration is any combination of native tree species resulting in a medium or well

Harvest

stocked stand. Do not cut red pine, white pine, or cedar. Paint a 1 chain buffer along adjoining cedar stand(s). Paint in a 1 chain wide buffer on

Clearcut with

Reserves

High Density Log

Cmpt. Review

Proposal

6119 - Mixed Lowland Deciduous

Forest

S t		A	tlanta Mgt. Unit			atments Pres Limiting Fact		Compartment: 076 Year of Entry 2013	ON NATURAL SERVICE OF	
a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status	
118	54076118- CCR	14.0	4119 - Mixed Northern Hardwoods	High Density Log	77	Harvest	Clearcut with Reserves	4113 - R.Maple, Conifer	Cmpt. Review Proposal	
Prescri Specs:			stand area as retention to not cut red pine, wh		neration	is any combinati	on of native tree speci	es resulting in a medium	or well	
Other Comm	ents:									
Next Steps:										
121	54076121- CCR	59.4	4130 - Aspen	High Density Log	77	Harvest	Clearcut with Reserves	4139 - Aspen, Mixed Deciduous	Cmpt. Review Proposal	
Prescri Specs: Other Common Next Steps:	stocked EACH si	stand. D		ite pine, or cedar.				es resulting in a medium nd(s). Paint in a 1 chain		
127	54076127- CCR	13.2	4191 - Mixed Upland Deciduous with Conifer	High Density Log	82	Harvest	Clearcut with Reserves	4113 - R.Maple, Conifer	Cmpt. Review Proposal	
Prescri Specs:			stand area as retention o not cut red pine, wh		neration	is any combinati	on of native tree speci	es resulting in a medium	or well	
Other Comm	ents:									
Next Steps:										
3 1	NF_54076003- NonFor	4.5	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal	
Prescri Specs:		as open	ing through mowing a	nd/or planting to fo	od and c	over crops for wi	ldlife			
Other Comm	ents:									

<u>Next</u>

Monitor for cover type and perform opening maintenance on 5-10 year rotation

28 NF_54076028- 2.4

Steps:

NonFor

Prescription Maintain as opening through planting to food and cover crops for wildlife Specs:

Non-Forested

<u>Other</u> Planted in 2010

Comments:

Monitor for cover type and perform opening maintenance on 5-10 year rotation

<u>Next</u> Steps: 0

Non-Forest

Management

Other - Specify

3102 - Grass

Cmpt. Review

Proposal

S t		A	tlanta Mgt. Unit			atments Pres _imiting Facto		Compartment: 076 Year of Entry 2013	ONR DNR
a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
36	NF_54076036- NonFor	1.4	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
Pres Spec		as open	ing through planting to f	ood and cover	crops for w	vildlife			
Othe Com	e <u>r</u> iments:								
Next Step	Monitor	for cover	type and perform openi	ng maintenand	e on 5-10 y	year rotation			
39	NF_54076039- NonFor	1.4	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
Pres Spec		as open	ing through mowing and	d/or planting to	food and c	over crops for wild	dlife		
Othe Com	<u>er</u> iments:								
Next Step	Monitor	for cover	type and perform openi	ng maintenand	e on 5-10 y	year rotation			
42	NF_54076042- NonFor	1.9	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
Pres Spec		as open	ing through planting to f	ood and cover	crops for w	vildlife			
Othe Com	er Planted iments:	in 2010							
Next Step		for cover	type and perform openi	ng maintenanc	e on 5-10 y	year rotation			
43	NF_54076043- NonFor	2.0	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
Pres Spec		as open	ing through planting to f	ood and cover	crops for w	vildlife			
Othe Com	<u>er</u> Planted iments:	in 2010							
Next Step	Monitor	for cover	type and perform openi	ng maintenand	e on 5-10 y	year rotation			
46	NF_54076046- NonFor	3.6	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
Pres Spec		as open	ing through planting to f	ood and cover	crops for w	vildlife			
Othe Com	er Planted ments:	in 2010							
Next Step		for cover	type and perform openi	ng maintenanc	e on 5-10 y	year rotation or sh	orter		
68	NF_54076068- NonFor	2.3	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
Pres Spec		as open	ing through planting to f	ood and cover	crops for w	vildlife			
Othe Com	er Planted ments:	in 2010							
Next Step		for cover	type and perform openi	ng maintenand	e on 5-10 y	year rotation or sh	orter		

S t		Ati	anta Mgt. Unit			atments Pres Limiting Facto		Compartment: 076 Year of Entry 2013	DNR DNR
a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
74	NF_54076074- NonFor	8.5	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
Preso Specs		ı as openir	ng through planting to f	ood and cover o	crops for w	vildlife			
Other Comr	_ Planted nents:	in 2010							
Next Steps	Monitor	for cover t	ype and perform openi	ng maintenance	e on 5-10 y	ear rotation or sh	orter		
77	NF_54076077- NonFor	1.7	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
Preso Specs		ı as openir	ng through mowing and	/or planting to f	ood and c	over crops for wild	llife		
Other Comr	_ nents:								
Next Steps		for cover t	ype and perform openi	ng maintenance	e on 5-10 y	ear rotation or sh	orter		
87	NF_54076087- NonFor	3.0	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
Preso Specs		ı as openir	ng through mowing and	or planting to f	ood and c	over crops for wild	llife		
Other Comr	_ Fruit tre	es present							
Next Steps	Monitor	for cover t	ype and perform openi	ng maintenance	e on 5-10 y	ear rotation or sh	orter		
91	NF_54076091- NonFor	1.8	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
Preso Specs		ı as openir	ng through planting to f	ood and cover o	crops for w	vildlife			
Other Comr	_ nents:								
Next Steps	Monitor	for cover t	ype and perform openi	ng maintenance	e on 5-10 y	year rotation or sh	orter		
104	NF_54076104- NonFor	1.4	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
Preso Specs	•	ı as openir	ng through mowing and	or planting to f	ood and c	over crops for wild	llife		
Other Comr	nents:								
Next Steps		for cover t	ype and perform openi	ng maintenance	e on 5-10 y	ear rotation or sh	orter		
111	NF_54076111- NonFor	2.0	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
Preso Specs	•	ı as openir	ng through mowing and	or planting to f	ood and c	over crops for wild	llife		
Other Comr	_ ments:								
Next Steps		for cover t	ype and perform openi	ng maintenance	e on 5-10 y	year rotation or sh	orter		

Table 3 -- Treatments Prescribed with No Limiting Factor

Compartment: 076 Year of Entry 2013

/	OF NATURAL
RTME	
DEPA	DNR
1	MICHIGAN .

a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
123	NF_54076123- NonFor	3.8	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal

<u>Prescription</u> Maintain as opening through mowing and/or planting to food and cover crops for wildlife <u>Specs:</u>

Other Comments:

<u>Next</u>

Monitor for cover type and perform opening maintenance on 5-10 year rotation or shorter

Steps:

s

Total Treatment

Acreage Proposed: 336.2

S t		,	Atlanta Mgt. Unit			ents Prescrib ng Factor	ed with	Compartment: 076 Year of Entry 2013	DNR DNR
a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
47	54076047- CCR	10.4	4199 - Other Mixed Upland Deciduous	High Density Pole	84	Harvest	Clearcut with Reserves	4113 - R.Maple, Conifer	Cmpt. Review Proposal

<u>Prescription</u> Retain pine and 3-4 oak in clump per acre. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting <u>Specs:</u> in a medium or well stocked stand. Retain 3 to 10 percent of stand area in one or more patches. Protect WP regeneration.

Other Comment:

Next Steps:

Limiting Factor and No

2A: Adjacent landowner denies

<u>Treatment Reason</u> access

Total Treatment Acreage Proposed:

10.4

Out of YOE -- Treatments Prescribed with No Limiting Factor

Year of Entry: 2013

Size **Treatment Treatment Cover Type** Treatment Acres Stage1 Stand **Approval** CoverType Density Method Objective Status Name Age Type Prescription Specs: <u>Other</u> Comments: <u>Next</u> Steps:

Total Treatment Acreage Proposed:

0

s t	Atlanta	Mgt. Unit		5 – Fo	orested Sta	Ands Compartment: 076 Year of Entry: 2013
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	42220 - Natural Jack Pine	High Density Pole	4.8	47	1-50	Could stand a little more diameter.
5	4136 - Aspen, Mixed Conifer	High Density Pole	30.8	47	51-80	stocking varies widely.
6	429 - Mixed Upland Conifers	High Density Pole	17.7	50	51-80	Mixed conifer. Stand is highly diverse spacally by both species and diameter within species.
7	42200 - Natural White Pine	High Density Log	7.2	116	81-110	Road used for cedar theft. Quite steep in places.
8	42210 - Natural Red Pine	High Density Pole	21.2	116	81-110	very steep. rp dbh = 6-15"
9	6120 - Lowland Cedar	High Density Pole	17.0	115		
10	6120 - Lowland Cedar	High Density Pole	78.3	103		
11	4191 - Mixed Upland Deciduous with Conifer	High Density Log	6.4	80	1-50	Timber tresspasss from 1995. Manage for understory.
12	6120 - Lowland Cedar	High Density Pole	21.3	115		Blow down. This stand differs from 4 and 8 primarily in having a much smaller diameter.
13	6122 - Black Spruce	Low Density Sapling	13.7	22		mostly tag alder.
14	6120 - Lowland Cedar	High Density Pole	10.0	103		
15	4133 - Aspen, Mixed Pine	High Density Pole	10.6	36	51-80	
16	6120 - Lowland Cedar	High Density Pole	23.6	115		
17	4133 - Aspen, Mixed Pine	High Density Log	4.5	50	81-110	steep. retention from stand 24.
18	4133 - Aspen, Mixed Pine	High Density Pole	21.6	36	51-80	aspen needs diameter
19	4123 - Red Oak	High Density Log	8.6	82	51-80	
20	42290 - Natural Mixed Pine	High Density Log	10.7	115	171-200	Island stand, no dry access.
21	4133 - Aspen, Mixed Pine	High Density Pole	24.6	35	1-50	

Level 4 Cover Type 6122 - Black Spruce	Size Density		_		rear of Entry: 2013
6122 - Black Spruce		Acres	Stand Age	BA Range	General Comments:
	High Density Pole	12.0	80		leatherleath. 27 is tufts of grass/sedge.
4123 - Red Oak	High Density Log	16.5	70	81-110	patch of oak retained from 1975 aspen harvest.
4130 - Aspen	High Density Sapling	30.8	15	1-50	
4130 - Aspen	High Density Pole	23.6	38	1-50	New stand added.
4130 - Aspen	High Density Pole	15.7	54	111-140	
6126 - Lowland Jack Pine	Medium Density Pole	7.0	80	1-50	leatherleaf bog w/ shallow rise on n edge. 29 and 30 are pure leatherleaf.
429 - Mixed Upland Conifers	High Density Log	3.6	82	51-80	barely upland
6120 - Lowland Cedar	High Density Pole	30.3	120		
6120 - Lowland Cedar	High Density Pole	21.0	81		wp on stand edge.
4130 - Aspen	High Density Log	36.3	45	81-110	33 is maintained, getting weedy.
4319 - Mixed Upland Forest	High Density Pole	9.3	50	51-80	Includes patches of regeneration.
4130 - Aspen	High Density Pole	126.2	41	111-140	wp stump field. Nice height, needs diameter growth.
6120 - Lowland Cedar	High Density Pole	21.2	99		core is 100 percent cedar
6120 - Lowland Cedar	High Density Pole	5.2	109		outer ring of wp rp rm wb is not quite lowland.
4136 - Aspen, Mixed Conifer	High Density Pole	20.6	32	51-80	New stand added.
4199 - Other Mixed Upland Deciduous	High Density Pole	10.4	84	51-80	
4131 - Aspen, Oak	High Density Log	15.4	85	51-80	New stand added.
4130 - Aspen	High Density Pole	27.6	50	51-80	
	4130 - Aspen 4130 - Aspen 4130 - Aspen 6126 - Lowland Jack Pine 429 - Mixed Upland Conifers 6120 - Lowland Cedar 4130 - Aspen 4319 - Mixed Upland Forest 4130 - Aspen 6120 - Lowland Cedar 4130 - Aspen 6120 - Lowland Cedar 4130 - Aspen	4130 - Aspen High Density Sapling 4130 - Aspen High Density Pole 4130 - Aspen High Density Pole 4130 - Aspen High Density Pole 6126 - Lowland Jack Pine Density Pole 429 - Mixed Upland High Density Log 6120 - Lowland Cedar High Density Pole 4130 - Aspen High Density Log 4319 - Mixed Upland Forest Pole 4130 - Aspen High Density Pole 4130 - Aspen High Density Pole 6120 - Lowland Cedar High Density Pole 4130 - Aspen High Density Pole 6120 - Lowland Cedar High Density Pole 4136 - Aspen, Mixed High Density Pole 4199 - Other Mixed Upland High Density Pole 4199 - Other Mixed High Density Pole 4131 - Aspen, Oak High Density Log 4130 - Aspen High Density Pole	A130 - Aspen High Density Sapling 30.8 4130 - Aspen High Density Pole 23.6 4130 - Aspen High Density Pole 15.7 6126 - Lowland Jack Pine Density Pole Density Pole 29 - Mixed Upland Conifers High Density Log 30.3 6120 - Lowland Cedar High Density Pole 21.0 4130 - Aspen High Density Pole 30.3 4319 - Mixed Upland High Density Pole 36.3 4319 - Mixed Upland High Density Pole 9.3 4130 - Aspen High Density Pole 126.2 6120 - Lowland Cedar High Density Pole 126.2 6120 - Lowland Cedar High Density Pole 126.2 4130 - Aspen High Density Pole 126.2 4130 - Aspen, Mixed High Density Pole 120.6 4130 - Aspen, Mixed High Density Pole 15.2 4136 - Aspen, Mixed High Density Pole 10.4 4199 - Other Mixed Upland Pole 15.4 4131 - Aspen, Oak High Density Log 15.4	Log	Log

s t	Atlanta	a Mgt. Unit		5 – Fo	orested Stan	Compartment: 076 Year of Entry: 2013
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
52	6129 - Mixed Coniferous Lowland Forest	High Density Pole	6.7	81		
53	6117 - Lowland Deciduous, Mixed Coniferous	High Density Sapling	5.1	13		
54	4123 - Red Oak	High Density Pole	28.4	78	81-110	extreme slope
57	6123 - Lowland Fir	High Density Pole	20.5	71		
59	4121 - Oak, Aspen	High Density Log	11.2	108	81-110	New stand added.
60	4130 - Aspen	High Density Sapling	20.1	15		
61	4130 - Aspen	High Density Pole	23.0	25	1-50	New stand added.
63	6123 - Lowland Fir	Low Density Sapling	8.8	105		very wet, little volume.
64	4130 - Aspen	High Density Pole	30.2	15	1-50	
65	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	9.8	40		Serpentine ridge with excessively steep slopes. Many old white pine stumps.
66	4131 - Aspen, Oak	High Density Pole	12.7	32	51-80	needs diameter growth.
67	4130 - Aspen	High Density Pole	36.7	50	51-80	tall and skinny aspen.
69	4131 - Aspen, Oak	High Density Pole	10.7	40	1-50	New stand added.
71	6112 - Lowland Aspen	High Density Log	6.8	70	81-110	
72	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	14.7	86	1-50	
76	4140 - Other Upland Deciduous	High Density Sapling	3.5	25		Yep, its upland; red-osier and bracken fern. May have been a broad, moist drainage which dried out after being clearcut with stand to east.
	6113 - Lowland Maple	High Density Pole	8.2	71		
79	4130 - Aspen	High Density Sapling	12.4	29		

S t	Atlanta	Mgt. Unit	5 – Forested Stands			Compartment: 076 Year of Entry: 2013
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
80	6120 - Lowland Cedar	High Density Pole	39.4	90		
81	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	9.6	121		cedar theft. Free flowing stream.
82	4311 - Pine, Aspen Mix	High Density Sapling	4.6	25	1-50	ba mostly logs
83	4123 - Red Oak	High Density Log	36.0	85	81-110	
84	6120 - Lowland Cedar	High Density Pole	162.3	103	141-170	interior parts are pure cedar.
86	42220 - Natural Jack Pine	High Density Pole	6.1	28		0 and 1 stick jack pine.
88	4116 - Mixed N. Hardwood - Aspen	High Density Pole	15.1	83	81-110	
89	42260 - Natural Pine, Mixed Deciduous	High Density Log	6.4	80	51-80	
92	4130 - Aspen	High Density Pole	37.3	35	1-50	
93	4130 - Aspen	High Density Pole	14.3	38	51-80	
94	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	20.9	86	51-80	Steep slopes.
95	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	25.5	81	1-50	
96	6118 - Lowland Deciduous with Cedar	High Density Sapling	3.8	25	1-50	
97	4130 - Aspen	High Density Pole	43.6	40	1-50	New stand added.
98	4134 - Aspen, Spruce/Fir	High Density Pole	18.4	33	51-80	
100	4130 - Aspen	High Density Sapling	17.9	64	51-80	
101	4130 - Aspen	High Density Sapling	39.8	25	1-50	
102	4123 - Red Oak	Medium Density Log	4.4	85	51-80	orv damage. very steep.

S t	Atlanta	a Mgt. Unit		5 – Fo	orested Sta	Compartment: 076 Year of Entry: 2013
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
103	6120 - Lowland Cedar	High Density Pole	14.3	89		
106	4319 - Mixed Upland Forest	High Density Pole	77.1	90		
107	4319 - Mixed Upland Forest	High Density Pole	14.4	83	51-80	
108	6123 - Lowland Fir	High Density Pole	12.8	91		
109	4116 - Mixed N. Hardwood - Aspen	High Density Pole	10.3	93	81-110	A true hardwood stand, but not the highest site potential.
110	4123 - Red Oak	High Density Log	8.2	85	51-80	stream buffer on North Branch of Thunder Bay River. Some hemlock/cedar along stream.
112	6117 - Lowland Deciduous, Mixed Coniferous	High Density Log	43.7	81	51-80	The road through this stand is crossed by two southbound free flowing streams. One on each side of the stand.
114	6117 - Lowland Deciduous, Mixed Coniferous	High Density Sapling	51.0	25		
115	4193 - Birch, Aspen	High Density Pole	15.1	96		
116	42110 - Planted Red Pine	High Density Sapling	70.1	28	1-50	
117	4130 - Aspen	High Density Pole	42.9	46	81-110	
118	4119 - Mixed Northern Hardwoods	High Density Log	14.0	77		
119	4319 - Mixed Upland Forest	High Density Pole	9.4	33	1-50	
121	4130 - Aspen	High Density Log	61.5	77	51-80	cabin in opening
122	4319 - Mixed Upland Forest	High Density Pole	14.4	42	1-50	
124	4130 - Aspen	High Density Sapling	17.3	25		
125	42220 - Natural Jack Pine	High Density Sapling	10.3	28	1-50	
126	4113 - R.Maple, Conifer	High Density Pole	14.8	90		

s t	Atlanta Mgt. Unit			5 – Fo	orested Stands	Compartment: 076 Year of Entry: 2013
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
127	4191 - Mixed Upland Deciduous with Conifer	High Density Log	13.2	82	51-80	
128	4130 - Aspen	High Density Sapling	20.6	7	1-50	
130	4129 - Mixed Oak	High Density Pole	6.1	76		No practical access
131	4131 - Aspen, Oak	High Density Pole	16.5	68		
132	4136 - Aspen, Mixed Conifer	High Density Pole	68.5	39		
133	4137 - Aspen, Birch	High Density Pole	29.4	41		
134	4131 - Aspen, Oak	Medium Density Pole	9.9	39		Appears to have been picked over or sparce.
135	4130 - Aspen	High Density Pole	19.6	68		
136	6112 - Lowland Aspen	High Density Sapling	33.0	15		Many potholes of lowland brush.

6 - Nonforested Stands

Compartment: 076 Year of Entry: 2013



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
2	3102 - Grass	1.0	N\A	Unspecified	
3	3102 - Grass	4.5	N\A	Unspecified	
4	3102 - Grass	1.6	N\A	Unspecified	
24	3102 - Grass	1.8	N\A	Unspecified	
25	622 - Lowland Shrub	5.6	N\A	Unspecified	
28	3102 - Grass	2.4	N\A	Unspecified	
30	622 - Lowland Shrub	1.2	N\A	Unspecified	
36	3102 - Grass	1.4	N\A	Unspecified	
38	3102 - Grass	1.3	N\A	Unspecified	
39	3102 - Grass	1.4	N\A	Unspecified	
42	3102 - Grass	1.9	N\A	Unspecified	
43	3102 - Grass	2.0	N\A	Unspecified	
46	3102 - Grass	3.6	N\A	Unspecified	
49	3102 - Grass	1.6	N\A	Unspecified	
51	623 - Emergent Wetland	2.9	N\A	Unspecified	
55	3102 - Grass	2.3	N\A	Unspecified	
56	3102 - Grass	1.1	N\A	Unspecified	
58	622 - Lowland Shrub	3.0	N\A	Unspecified	

6 - Nonforested Stands

Compartment: 076 Year of Entry: 2013



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
62	622 - Lowland Shrub	24.5	N\A	Unspecified	tag alder plus standing dead conifer
68	3102 - Grass	2.3	N\A	Unspecified	
70	622 - Lowland Shrub	3.2	N\A	Unspecified	
73	320 - Upland Shrub	1.7	N\A	Unspecified	
74	3102 - Grass	8.5	N\A	Unspecified	
75	122 - Road/Parking Lot	5.0	N\A	Unspecified	
77	3102 - Grass	1.7	N\A	Unspecified	
85	622 - Lowland Shrub	3.0	N\A	Unspecified	
87	3102 - Grass	3.0	N\A	Unspecified	
90	623 - Emergent Wetland	3.4	N\A	Unspecified	
91	3102 - Grass	1.8	N\A	Unspecified	
99	622 - Lowland Shrub	1.4	N\A	Unspecified	
104	3102 - Grass	1.4	N\A	Unspecified	
105	622 - Lowland Shrub	4.3	N\A	Unspecified	
111	3102 - Grass	2.0	N\A	Unspecified	
113	622 - Lowland Shrub	4.3	N\A	Unspecified	
120	622 - Lowland Shrub	21.2	N\A	Unspecified	
123	3102 - Grass	3.8	N\A	Unspecified	

6 - Nonforested Stands

Compartment: 076 Year of Entry: 2013



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
129	622 - Lowland Shrub	22.2	N\A	Unspecified	

Compartment: 076 Year of Entry: 2013



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

Compartment: 076
Year of Entry 2013



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.

Conservation Type Description Area

ERA = Ecological Reference Area

HCVA = High Conservation Value Area

SCA = Special Conservation Area