

Compartment Review Presentation

Cadillac Forest Management Unit

Compartment 125
Entry Year 2015

Acreage: 2,074
County Missaukee

Management Area: Manistee River Valley

Revision Date: 07/01/2013

Stand Examiner: Steve Eisele

Legal Description:

T24, R8W, Sections 1,2,12,13,14

Identified Planning Goals:

Maintain a variety of cover types and age classes. Protect cold water habitats along Ham Creek and Boiling Springs.

Soil and topography:

Ribicon and Croswell Sands. Some areas of Mucky sands and Mucky peat. Some steep areas in section 1. Wet areas in Section 13.

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

Mixed blocks of private and state. The private land is mostly timbered with some agriculture land involving Christmas tree plantations. Scattered dwellings some seasonal some year round. Hunting, snowmobiling and orv use throughout the compartment.

Unique Natural Features:

Boiling Springs. Common loon and bald eagle to the west. Red-shouldered hawk to the east. Potential for secretive locust, great blue heron rookery and osprey. Potential for dusted skipper, grizzled skipper, and red-legged spittlebug in grassy openings. Potential for dry prairie plants in grassy openings. Hill's thistle, rough fescue.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

Maintain water quality of Ham creek and Boiling springs. Monitor Miss-Kal snowmobile trail and North Missaukee ORV trail. Wood turtle to the west.

Watershed and Fisheries Considerations:

Ham creek flows through this compartment, it is a designated trout stream with naturally reproducing populations of brown and brook trout. Coho slamon were documented as sucessfully reproducing in ham creek in the late 1960's. Salmon were also trapped and transported around Tippy and Hodenpyl Dams. Ham creek has a history of being degraded by beavers. Timber management in the ripairian zone within 300 feet of the creeks in this compartment should be restricted to tree species other than aspen. (M. Tonello, 8/27/2013).

Wildlife Habitat Considerations:

This compartment is in the Highplains Ecosystem, one third in the Cadillac Subsection, LTA 1111, two-thirds in the Grayling Outwash Plain Subsection, of which 1/3 is in LTA 5149 and the other 1/3 in LTA 5211. In LTA 1111, soils, while variable, are usually sandy, excessively drained, low to moderate in fertility. Historically, forests were northern hardwood, white pine/beech/red maple, and beech/hemlock. In LTA 5211, soils are characterized by deep, excessively drained, acidic sands. Historic vegetation covered the entire spectrum of conifer dominated forests. In LTA 5149, soils are predominately poorly drained peats and mucks. Historic vegetation was primarily conifer dominated wetlands. Management goals are to maintain the current timber types with a slight increase in the aspen and oak types and a slight decrease in red and white pine in order to maintain the mixed upland and lowland hardwoods and conifer that currently exists. Featured species of special interest include bear, deer, woodcock, ruffed grouse, and pileated woodpecker. (E. Victory, 8/21/13)

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of glacial outwash sand and gravel and post glacial alluvium and an end morain of coarse textured till. The glacial drift thickness varies between 200 and 600 feet. Beneath the glacial drift is the Missisipian Michigan Formation. The Michigan is quarried for gypsum in other areas of the State. A gravel pit is located just to the east and gravel potential is considered good, especially on the uplands. This area lies 5 miles west of Cannon Creek Field which produced 870,00 Mcf gas from the Devonian Traverse Formation. The entire compartment is leased for oil and gas

development. (T. Hoane, 3/6/2013).

Vehicle Access:

A forest road access plan is detailed on the compartment map. Identified are state and county roads as well as forest roads and trails under the jurisdiction of the DNR. Also indicated are forest roads and trails under the jurisdiction of the DNR that are proposed for closure. These roads were determined to be in excess of the access needs in the area, are a threat to the resources, or are a concern environmentally.

Survey Needs:

None.

Recreational Facilities and Opportunities:

A variety of motorsport trails are located within this compartment. The North Missaukee Route, North Missaukee ORV Trail, Michigan Cross-Country Cycle Trail, and Snowmobile trail #6 are located within sections 1,2, &12 of this compartment. Proposed timber management activities should include trail protection specifications to reduce user impacts, as well as serve as an example of how silviculturally sound timber management practices can co-exist, and often improve recreation and wildlife experiences for future generations. A non-winter harvest along the snowmobile trail, coupled with avoiding the use of the trail as a haul route are suggested considerations. Ham Creek offers fishing opportunities, and there are many opportunities for hunting within this compartment. (T.M.N. 7/10/13)

Fire Protection:

The road system is adequate for access to most of the compartment. The recreation trail system allows for displaced camping opportunities which would allow a wildfire start to go undetected, until the fire was of larger size. During dry periods the fuels would have the potential for large fire growth. There are several private parcel ownerships that would be of a concern during a wildfire. (B. Tower, 2013).

Additional Compartment Information:

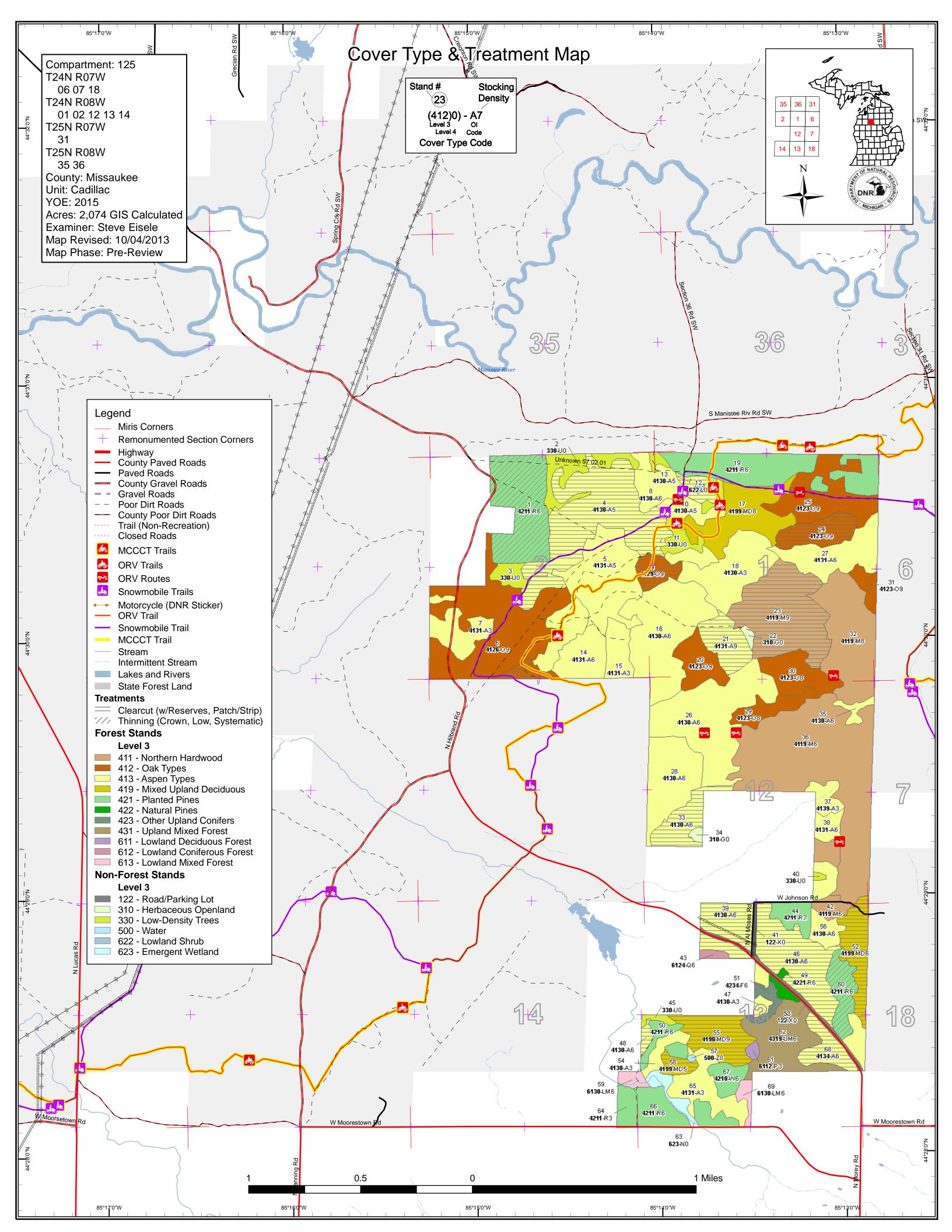
Details on the road access system

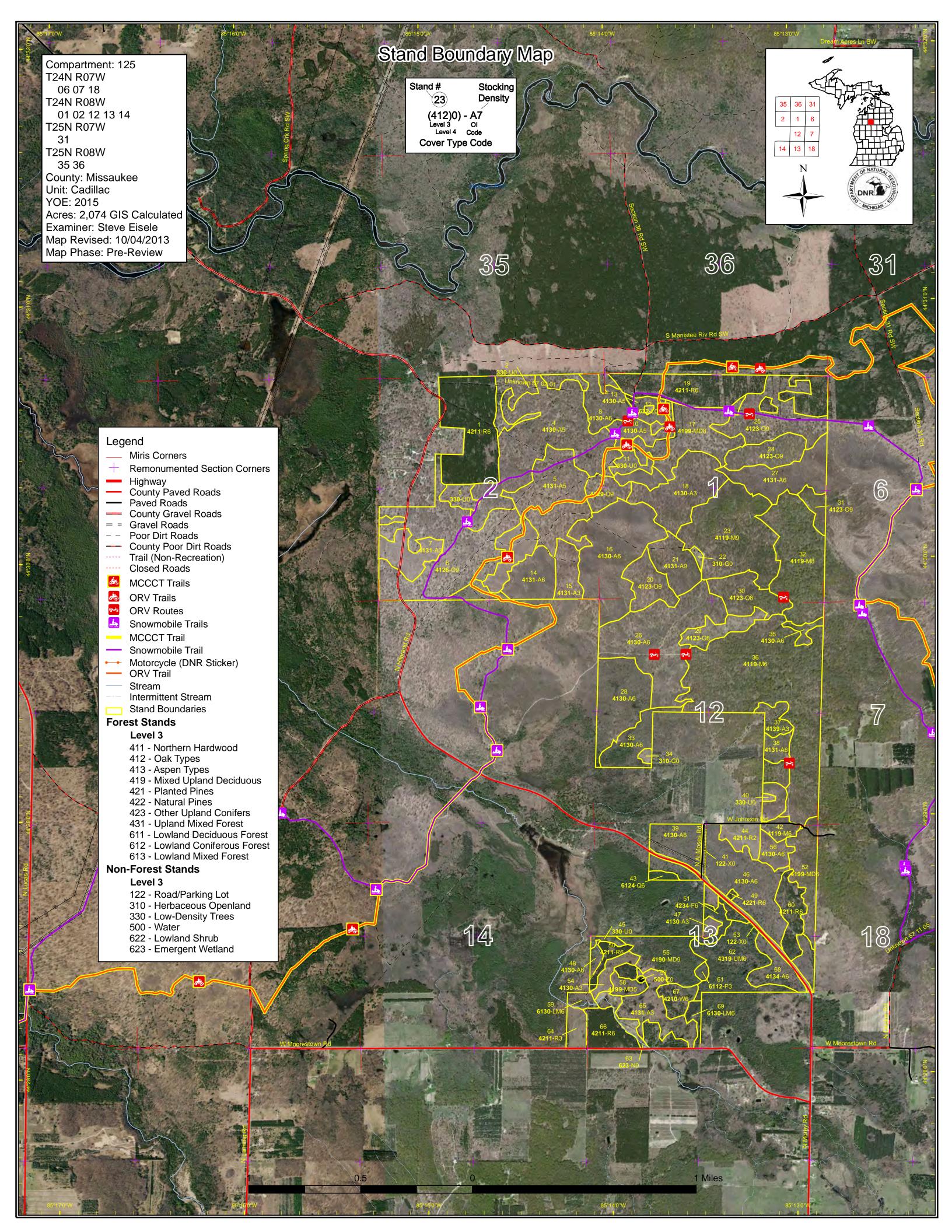
The following reports from the Inventory are attached:

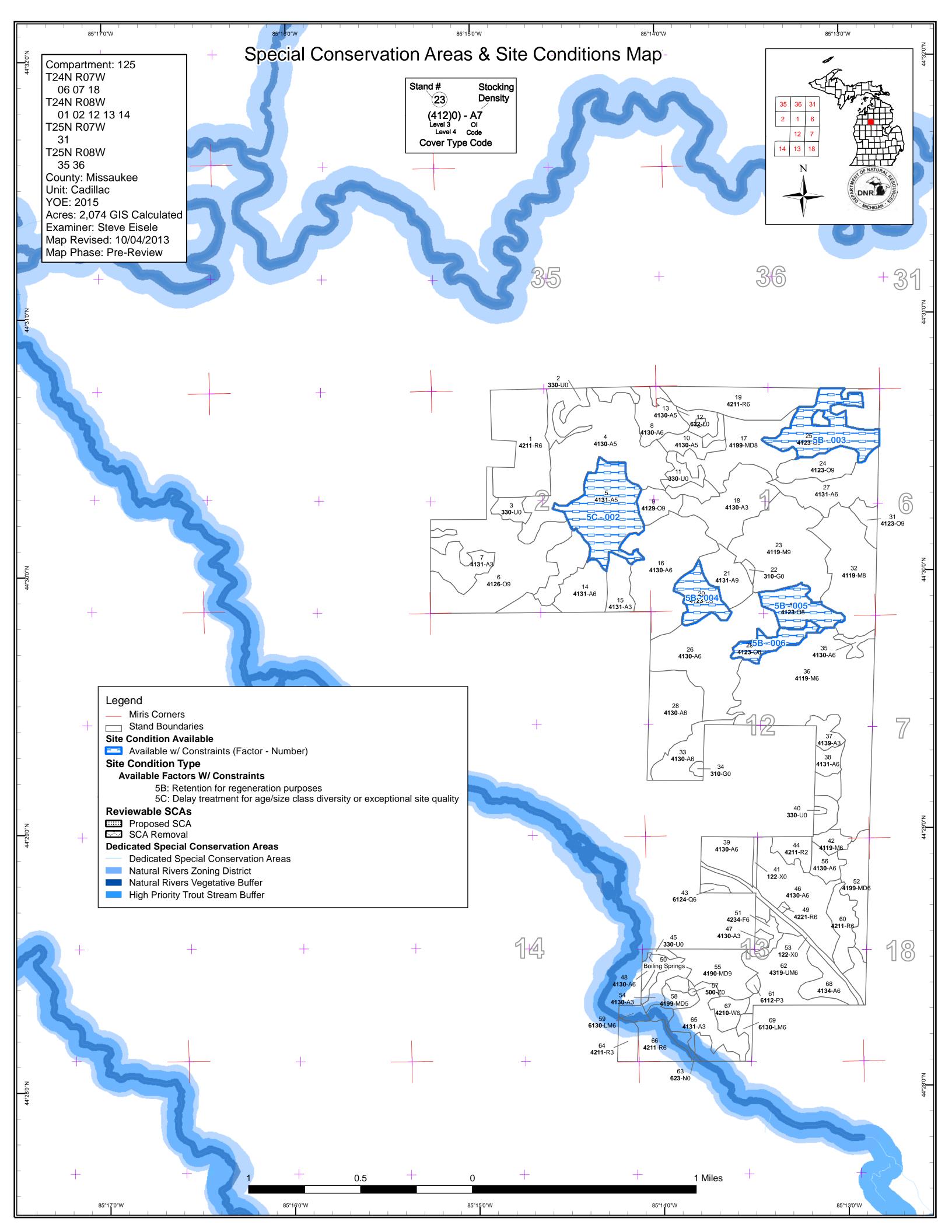
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

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







Compartment 125 Year of Entry 2015

Cadillac Mgt. Unit
Steven Eisele: Examiner



Age	C	lass
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	Age Class															
		80	20,0	Par. S	or of	por de	\$5.0g	\$3.0g	10° /	\$ 6	800	on on the second	,70,70 0,729	Ya X	8 /	No. of the last of
Aspen	95	178	235	0	59	322	25	0	0	0	0	0	0	0	915	
Herbaceous Openland	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
Low-Density Trees	51	0	0	0	0	0	0	0	0	0	0	0	0	0	51	
Lowland Aspen/Balsam Poplar	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	
Lowland Conifers	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3	
Lowland Mixed Forest	0	0	0	0	5	0	5	0	0	0	0	0	0	0	11	
Lowland Shrub	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Marsh	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9	
Mixed Upland Deciduous	0	0	0	0	0	0	7	0	81	0	0	0	0	34	123	
Northern Hardwood	0	0	0	0	0	16	72	180	87	0	0	0	0	0	356	
Oak	0	0	0	0	0	0	0	9	168	0	0	0	0	112	289	
Red Pine	23	0	0	0	0	196	0	0	0	0	0	0	0	0	219	
Upland Mixed Forest	0	0	0	0	48	0	0	0	0	0	0	0	0	0	48	
Upland Spruce/Fir	0	0	0	0	0	0	8	0	0	0	0	0	0	0	8	
Urban	14	0	0	0	0	0	0	0	0	0	0	0	0	0	14	
Water	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
White Pine	0	0	0	0	0	21	0	0	0	0	0	0	0	0	21	
Total	197	180	235	0	113	555	118	189	340	0	0	0	0	146	2074	



Report 2 – Proposed Treatment Summaries

Cadillac Mgt. Unit Year of Entry 2015

Compartment 125 **Total Compartment Acres: 2,074**

Acres by Treatment Type

Other - 0

Commercial Harvest - 595 Tree Planting - 25

Habitat Cut - 0 Opening Maintenance - 0

	Cover Type by Harvest Method								
		/		in or	1,0° 5	STECTION .	OK.		Se de la constant de
Aspen Types		290	0	0	0	0	0	290	
Mixed Upland Deciduous		71	0	0	0	0	0	71	
Northern Hardwood		87	0	0	0	0	0	87	
Oak Types		48	0	0	0	0	0	48	
Other Upland Conifers		8	0	0	0	0	0	8	
Planted Pines		0	0	0	0	91	0	91	
	Total	504	0	0	0	91	0	595	

Compartment: 125 Cadillac Mgt. Unit Report 3 -- Treatments Prescribed Year of Entry 2015 with No Limiting Factor s t а **Treatment** Acres CoverType Size BA **Treatment Treatment Cover Type** Approval n Density Range Method Objective **Status** d Name Age Type 70.0 42110 - Planted 171-200 Systematic 42110 - Planted Cmpt. Review 63125001-Cut High 50 Harvest Red Pine Red Pine Density **Thinning** Proposal Pole Prescription Third row thin Specs: Other Comments: <u>Next</u> Steps: Proposed Start Date: 10/01/2014 63125004-Cut 116.9 4130 - Aspen Medium 50 Harvest Clearcut with 4139 - Aspen, Cmpt. Review Mixed Deciduous Proposal Reserves Density Pole Prescription Harvest areas of larger diameters. Leave oak and cherry. Leave "islands or patchs" Buffer snow trail. Add grouse spec Specs: <u>Other</u> Alot of open areas within stand. Comments: <u>Next</u> Steps: **Proposed** Start Date: 10/01/2014 9 63125009-Cut 23.0 4129 - Mixed Oak High 80 81-110 Harvest Clearcut with 4139 - Aspen. Cmpt. Review **Density Log** Reserves Mixed Deciduous Proposal Prescription Mark green to leave healthy red oak. Final harvest the rest. Buffer ORV trail. Specs: Small acreage. Other_ Comments: <u>Next</u> Steps:

Proposed

Start Date:

13

Specs:
Other

Comments:

Next
Steps:
Proposed

Start Date:

10/01/2014

10/01/2014

9.6

Low quality needs to be restarted.

4130 - Aspen

Prescription Buffer wet area in middle. Clearcut the rest. Add grouse spec

Medium

Density

Pole

45

Harvest

Clearcut with

Reserves

63125013-Cut

Cmpt. Review

Proposal

4139 - Aspen,

Mixed Deciduous

Cadillac Mgt. Unit

Report 3 -- Treatments Prescribed with No Limiting Factor

Compartment: 125 Year of Entry 2015

a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
21	63125021-Cut	25.4	4131 - Aspen, Oak	High Density Log	60		Harvest	Clearcut with Reserves	4139 - Aspen, Mixed Deciduous	Cmpt. Review Proposal

Prescription Mark healthy oak green to leave. Approx 30 basal area. Leave surgar maple. Clear cut the rest. Add grouse spec.

Specs:

S

Other Comments:

Next Steps:

Proposed

10/01/2014 Start Date:

87.5 4119 - Mixed High 85 81-110 Harvest Clearcut with 4119 - Mixed Cmpt. Review 23 63125023-Cut Northern Hardwoods Density Log Reserves Northern Hardwoods Proposal

Prescription Remove all oak beech and ash. Pockets of mortality, boundary will vary. Mark some islands and snags to leave.

Specs:

Other Filling in with maple from previous cut. Ash and beech dieing from pest. Oak mortality from a "variety" of reasons.

Comments:

Cut before year of entry one year sale with no extension Next

Steps:

Proposed

10/01/2014 Start Date:

24 63125024-Cut 24.8 4123 - Red Oak High 80 51-80 Harvest Clearcut 42110 - Planted Cmpt. Review Red Pine . Proposal Density Log

Prescription Clearcut and plant to red pine. Mark some islands to leave

Specs:

Oak dieing from factors of defoliation and stress. Cut before year of entry and plant. One year sale with no extension Other

Comments:

Next Steps:

Proposed

10/01/2014 Start Date:

24.3 Cmpt. Review 33 63125033-Cut 4130 - Aspen High 53 Harvest Clearcut with 4139 - Aspen, Density Reserves Mixed Deciduous Proposal

Prescription Clearcut with reserves. Leave some islands for retention. Winter cut Add grouse spec to sale

Specs:

Other

Comments:

<u>Next</u> Steps:

<u>Proposed</u>

Start Date: 10/01/2014

63125039-Cut 31.8 50 Harvest 4130 - Aspen High Clearcut with 4139 - Aspen, Cmpt. Review Reserves Mixed Deciduous Proposal Density

Pole

Pole

Prescription Clearcut with reserves. Leave some islands or edge areas. Add grouse spec to sale

Specs:

<u>Other</u> Power line.

Comments:

<u>Next</u> Steps:

Proposed

10/01/2014 Start Date:

Compartment: 125 Cadillac Mgt. Unit Report 3 -- Treatments Prescribed Year of Entry 2015 with No Limiting Factor s t а **Treatment** Acres CoverType Size BA **Treatment Treatment Cover Type** Approval n Density Range Method Objective **Status** d Name Age Type 60.1 Clearcut with Cmpt. Review 63125046-Cut 4130 - Aspen High 53 Harvest 4139 - Aspen, 46 Mixed Deciduous Density Reserves Proposal Pole Prescription Clear cut with reserves. Leave islands and oak. Add grouse spec. Specs: Other Comments: <u>Next</u> Steps: **Proposed** Start Date: 10/01/2014 48 63125048-Cut 3.7 4130 - Aspen High 53 Harvest Clearcut with 4139 - Aspen, Cmpt. Review Reserves Mixed Deciduous Proposal Density Pole Prescription Clear cut with reserves. Leave oak and wet areas. Buffer Boiling springs. Add herps. spec to sale Specs: Other Comments: <u>Next</u> Steps: **Proposed** Start Date: 10/01/2014 63125051-Cut 7.6 42340 - Upland High 60 111-140 Harvest Clearcut with 4191 - Mixed Cmpt. Review 51 Spruce/Fir Density Reserves **Upland Deciduous** Proposal with Conifer Pole Prescription This is a wet area but not lowland. Clearcut with reserves. leave cedar. Add herp spec to sale Specs: <u>Other</u> Comments: Next Steps: **Proposed** 10/01/2014

Specs: Other

Start Date:

52

Comments:

Next Steps:

Proposed

Start Date: 10/01/2014

63125052-Cut

29.2 4199 - Other Mixed

Upland Deciduous

High

Density

Pole

Prescription Clear cut with reserves mark some oak and sugar maple green to leave. Add grouse spec buffer trail

85

81-110

Harvest

Clearcut with

Reserves

4139 - Aspen,

Mixed Deciduous

Cmpt. Review

Proposal

Cadillac Mgt. Unit

Report 3 -- Treatments Prescribed with No Limiting Factor

Compartment: 125 Year of Entry 2015

S t					with	No Limit	ting Factor		Year of Entry 2015	DNR DNRCE
a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
55	63125055-Cut	34.0	4190 - Mixed Upland Deciduous with Cedar	High Density Log	68 g	81-110	Harvest	Clearcut with Reserves	4190 - Mixed Upland Deciduous with Cedar	Cmpt. Review Proposal
Pres Spec		ares of ma	aple and aspen north	of Ham cree	k. Leave	e cedar. Bu	ffer creek, add h	erp spec to sale		
Othe Com	r Very wet ments:	!								
<u>Next</u> Step										
Propo Start		4								
58	63125058-Cut	7.4	4199 - Other Mixed Upland Deciduous	Medium Density Pole	60		Harvest	Clearcut with Reserves	4139 - Aspen, Mixed Deciduous	Cmpt. Review Proposal
Pres Spec		t with reser	rves. Leave Oak. Son	ne areas with	n standir	ng water.ad	d herp spec			
Othe Com	er ments:									
<u>Next</u> Step										
Propo Start		4								
60	63125060-Cut	21.2	42111 - Planted Red Pine, Mixed Deciduous	High Density Pole	52	141-170	Harvest	Low Thinning	42110 - Planted Red Pine	Cmpt. Review Proposal
Pres Spec		n third row	thinned. Do a second	d thin remove	e defect	down to ap	prox 120 BA			
Othe Com	er ments:									
<u>Next</u> Step										
Propo Start		4								
68	63125068-Cut	18.5	4134 - Aspen, Spruce/Fir	High Density Pole	55		Harvest	Clearcut with Reserves	4139 - Aspen, Mixed Deciduous	Cmpt. Review Proposal
Pres Spec		t with reser	rves leave oak and we	et areas. Add	d grouse	and herps	spec			
Othe Com	e <u>r</u> ments:									
<u>Next</u> Step										

Total Treatment

<u>Proposed</u> Start Date:

> Acreage Proposed: 595.0

10/01/2014

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Cadillac Mgt. Unit Report 4 -- Treatments Prescribed with Compartment: 125 a Limiting Factor s Year of Entry 2015 t **Treatment** Acres CoverType Size Stand ВА **Treatment Treatment Cover Type Approval** n Method Objective Status Name Density Age Range Type #Type! #Type! **Prescription** Specs: Other Comment: **Next** Steps:

Total Treatment

#Type!

<u>Proposed</u>

Start Date: # Limiting Factor

Acreage Proposed: 0.0

Cadillac Mgt. Unit

Steve Eisele: Examiner

8

21

1,995

8

21

1,995

100%

Compartment 125
Year of Entry 2015

Avail	ability for I	V lanagement					
Total	Acres	Acres	De	omina	nt Site	e Cond	ditions
Acres	Available	Not Available		No	5C	5B	
915	915		Aspen	848	67		
2	2		Lowland Aspen/Balsam Poplar	2			
3	3		Lowland Conifers	3			
11	11		Lowland Mixed Forest	11			
123	123		Mixed Upland Deciduous	123			
356	356		Northern Hardwood	356			
289	289		Oak	169		120	
219	219		Red Pine	219	•		
48	48		Upland Mixed Forest	48			

Upland Spruce/Fir

White Pine

Total Forested Acres

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.

120

8

21

1,808

67

002 Available 5C: Delay treatment for age/size class diversity or exceptional site quality Comments: 003 Available 5B: Retention for regeneration purposes Comments: 004 Available 5B: Retention for regeneration purposes 23	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
003 Available 5B: Retention for regeneration purposes Comments: 004 Available 5B: Retention for regeneration purposes 23		age/size class diversity or	67				
Comments: 004 Available 5B: Retention for regeneration purposes 23	Comments:						
004 Available 5B: Retention for 23 regeneration purposes	Available		51				
regeneration purposes	Comments:						
	Available		23				
Comments:	Comments:						

Report 5 – Site Conditions

Cadillac Mgt. Unit
Steve Eisele: Examiner

Compartment 125 Year of Entry 2015

005	Available	5B: Retention for regeneration purposes	29
Comments:			
006	Available	5B: Retention for regeneration purposes	17
Co	mments:		

Cadillac Mgt. Unit Compartment: 125

Year of Entry: 2015



Report 6 - 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
Boiling Springs	Spring-Seeps, Riparian Areas	Spring Seep	SCA	
Comments				
Spring with concrete found	dation			

Cadillac Mgt. Unit Compartment: 125

Year of Entry 2015



Report 7 - 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 Area	Туре	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area				
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen condi- stocked trout populations and those of other coldwater fish speci- year to year. Coldwater streams in Michigan typically provide the contributions of groundwater to their stream flows. Such streams designated as trout resources by Fisheries Order 210.	water fish species (e.g., slimy sculpin) to persist from cally provide these conditions due to substantial s. Such streams are established by Director's action and				
SCA	Riparian Area	which the terrestrial ecosystem unique conditions adjacent to lakes, iversity of plants and wildlife. Riparian ets on water quality and quantity, as well contribution to overall biodiversity.					
HCVA	Natural Rivers	There are two Natural Rivers datasets which are derived from sprapproved distance from the river centerlines. The Natural Rivers most Natural Rivers. The Vegetative Buffer ranges from 25 to 10 and Vegetative Buffers for each Natural River see the table locate folder.	Zoning District is a 400 foot buffer for 00 feet. To view specific Zoning Districts				

S t	Cadillac Mgt. Unit			Report 8 –	Forested	Stands Compartment: 125 Year of Entry: 2015
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	42110 - Planted Red Pine	High Density Pole	70.0	50	171-200	
4	4130 - Aspen	Medium Density Pole	116.9	50		open scattered diameters vary snow trail
5	4131 - Aspen, Oak	Medium Density Pole	66.9	50		New stand added. scattered aspen clumpy red maple low quality
6	4126 - White, Black, N. Pin Oak	High Density Log	112.3	Uneven Age	51-80	low quality treat next year of entry nearby stand has been cut
7	4131 - Aspen, Oak	High Density Sapling	47.2	8		recently treated
8	4130 - Aspen	High Density Pole	23.9	25		
9	4129 - Mixed Oak	High Density Log	23.0	80	81-110	New stand added. small acreage not previuosly treated could exspand into stand 7 in spots
10	4130 - Aspen	Medium Density Pole	13.0	20		has been treated look up cut records
13	4130 - Aspen	Medium Density Pole	9.6	45		low quality low basal area falling apart
14	4131 - Aspen, Oak	High Density Pole	26.7	23		recently treated look up cut records
15	4131 - Aspen, Oak	High Density Sapling	17.5	16		New stand added. recently treated look up cut records
16	4130 - Aspen	High Density Pole	92.5	23		look up cut records
17	4199 - Other Mixed Upland Deciduous	Medium Density Log	52.1	85	51-80	open scattered
18	4130 - Aspen	High Density Sapling	51.0	16		recently treated look up cut records
19	42110 - Planted Red Pine	High Density Pole	69.1	52	81-110	treated last year of entry
20	4123 - Red Oak	High Density Log	23.1	80	81-110	still healthy
21	4131 - Aspen, Oak	High Density Log	25.4	60		New stand added.
23	4119 - Mixed Northern Hardwoods	High Density Log	87.5	85	81-110	pockets of dead oak boundary will vary depending on how far it has spread

S	Cadillac Mgt. Unit			Report 8	- Forested	Stands Compartment: 125 Year of Entry: 2015
t a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
24	4123 - Red Oak	High Density Log	24.8	80	51-80	dead and dying oak
25	4123 - Red Oak	High Density Log	50.9	80	51-80	this oak still healthy leave
26	4130 - Aspen	High Density Pole	94.2	15		
27	4131 - Aspen, Oak	High Density Pole	40.5	25		look up cut records
28	4130 - Aspen	High Density Pole	49.7	40		hold tiill next year of entry
29	4123 - Red Oak	Medium Density Log	17.4	85	1-50	Stand swapped from Non-Forested to Forested.
30	4123 - Red Oak	Medium Density Log	28.6	85	51-80	treated last year of entry
31	4123 - Red Oak	High Density Log	8.9	75	81-110	ridge top hard access oak still healthy
32	4119 - Mixed Northern Hardwoods	Medium Density Log	72.5	60	51-80	
33	4130 - Aspen	High Density Pole	24.3	53		
35	4130 - Aspen	High Density Pole	5.2	16		
36	4119 - Mixed Northern Hardwoods	High Density Pole	180.3	75	51-80	treated last year of entry
37	4139 - Aspen, Mixed Deciduous	High Density Sapling	10.3	16		clearcut within hardwood stand from previous cut
38	4131 - Aspen, Oak	High Density Pole	18.1	25		treated in 90s look up cut records
39	4130 - Aspen	High Density Pole	31.8	50		low quality
42	4119 - Mixed Northern Hardwoods	High Density Pole	15.8	50	81-110	small hardwood stand not treated last time small diameters leave until next year of entry
43	6124 - Lowland Spruce- Fir	High Density Pole	3.1	80		wet areas
44	42110 - Planted Red Pine	Medium Density	12.8	5		old jp stand that was clearcut and planted to red pine

s t	Cadillac Mgt. Unit			Report 8 –	Forested	Stands Compartment: 125 Year of Entry: 2015
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
46	4130 - Aspen	High Density Pole	60.1	53		
47	4130 - Aspen	High Density Sapling	6.6	6		Stand swapped from Non-Forested to Forested. treated last year of entry
48	4130 - Aspen	High Density Pole	3.7	53		buffer boiling spring
49	42210 - Natural Red Pine	High Density Pole	4.4	55	81-110	treated last year of entry
50	42110 - Planted Red Pine	High Density Pole	11.0	58	111-140	
51	42340 - Upland Spruce/Fir	High Density Pole	7.6	60	111-140	wet areas
52	4199 - Other Mixed Upland Deciduous	High Density Pole	29.2	85	81-110	
54	4130 - Aspen	High Density Sapling	9.1	7		Stand swapped from Non-Forested to Forested. treated last year of entry
55	4190 - Mixed Upland Deciduous with Cedar	High Density Log	34.0	Uneven Age	81-110	find aspen maple areas north of creek majority of stand is wet
56	4130 - Aspen	High Density Pole	20.2	27		
58	4199 - Other Mixed Upland Deciduous	Medium Density Pole	7.4	60		some holes with standing water
59	6130 - Fir, Aspen, Maple	High Density Pole	5.4	45		creek corridor
60	42111 - Planted Red Pine, Mixed Deciduous	High Density Pole	21.2	52	141-170	
61	6112 - Lowland Aspen	High Density Sapling	2.3	15		Stand swapped from Non-Forested to Forested. old habit cut
62	4319 - Mixed Upland Forest	High Density Pole	48.3	45		wet areas small diameter aspen deer yard
64	42110 - Planted Red Pine	High Density Sapling	10.4	6		Stand swapped from Non-Forested to Forested.
65	4131 - Aspen, Oak	High Density Sapling	31.7	6		Stand swapped from Non-Forested to Forested. treated last year of entry look up cut records wet areas
66	42110 - Planted Red Pine	High Density Pole	20.4	58	111-140	final harvest next year of entry

S t a n d	Cadillac Mgt. Unit			Report 8	– Forested	Year of Entry: 2015
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
67	42100 - Planted White Pine	High Density Pole	21.1	52	51-80	treated last year of entry
68	4134 - Aspen, Spruce/Fir	High Density Pole	18.5	55		final harvest with reserves leave oak and along wet areas winter cut
69	6130 - Fir, Aspen, Maple	High Density Pole	5.3	68		uncut portion from last year of entry wet no access

Report 9 - Nonforested Stands

Compartment: 125 Year of Entry: 2015



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
2	3301 - Low Density Deciduous Tree	24.2	No	Mixed Upland Deciduous	
3	3303 - Mixed Low Density Trees	8.9	No	Unspecified	
11	3301 - Low Density Deciduous Tree	13.6	Unspecified	Unspecified	
12	6220 - Alder/willow	0.8	No	Unspecified	
22	3105 - Mixed Upland Herbaceous	2.0	No	Unspecified	
34	3102 - Grass	2.1	No	Unspecified	
40	3303 - Mixed Low Density Trees	1.1	No	Unspecified	
41	122 - Road/Parking Lot	2.5	Yes	Unspecified	al moses rd gravel
45	3301 - Low Density Deciduous Tree	2.9	No	Unspecified	creek on edge
53	122 - Road/Parking Lot	11.1	Yes	Unspecified	morey rd pavement
57	50 - Water	0.6	Unspecified	Unspecified	
63	6239 - Mixed Emergent Wetland	9.0	No	Lowland Conifers	New stand added.