



Compartment Review Presentation

Cadillac Forest Management Unit

Compartment 22

Entry Year 2016

Acreage: 1,890

County Lake

Management Area: Lake County Moraines

Revision Date: 06/04/2014

Stand Examiner: Mike Lesinski

Legal Description:

T18N R11W, Sections 15, 16, 21, 22, 27

Identified Planning Goals:

Vegetation management in the Lake county Moraines Management Area (MA) will provide forest products; maintain or enhance wildlife habitat; protect areas of unique threatened, endangered and special concern species and provide for forest-based recreational uses. Timber management for this 10-year planning period will focus on balancing the age class distributions of aspen and regenerating red pine and oak. Wildlife habitat management objectives include perpetuating early-successional communities for species adapted to young forests for hunting and other wildlife-related recreation opportunity. Expected trends within this 10-year planning period are increased recreational pressure (including illegal off-road vehicle impacts) and the need to successfully regenerate and establish oak.

Soil and topography:

Soils include Montcalm Graycalm as well as Rubicon. Overall, the soils are excessively drained. Topography is rolling to very hilly.

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

Lands to the west are part of a large block of contiguous state land. The surrounding parcels consist mainly of forested properties forty to eighty acres in size, with the exception of a subdivision and block of small 5 to 10 acre lots in the north half of section 28.

Unique Natural Features:

This compartment has the potential for occurrences of box turtle, red-shouldered hawk and goshawk, as well as potential for pine tree cricket in white pine stands.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

Wildlife Habitat Considerations:

This compartment contains four alfalfa or rye wildlife openings. These openings should be buffered from treatments in adjacent stands, and any adjacent treatments should prevent expansion of autumn olive. Generally, wildlife cover type goals are no net loss in aspen or oak acres, to protect mast bearing shrubs, to create brush piles adjacent to wetlands, to preferably leave retention in the form of islands or corridors, and to provide coarse woody debris. Promote a mix of cover types by seeking opportunities to manage for non-forested openings or barrens habitat, older age classes and mixed age stands where possible and appropriate. Featured species of special interest are grouse, woodcock, turkey and deer. (E. Victory 7/17/14)

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of an end moraine of coarse textured till. The glacial drift thickness varies between 600 and 800 feet. Beneath the glacial drift are the Pennsylvanian Grand rive and Saginaw formations. The Saginaw is quarried for clay in brick making. A gravel pit is located in section 33 and potential is considered good. The nearest oil and gas production is at the Reed city Field located two miles to the east.

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 abandonment. 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 known.

Recreational Facilities and Opportunities:

There are no developed recreational facilities within this compartment. There are numerous areas suitable for dispersed camping, and hunting (T.M.N. 3/14)

Fire Protection:

Most of the compartment has good access. Topography of the area may cause some issues with wildfire control. Dispersed camping can be a cause of a wildfire in this compartment. Urban interface is an increasing concern in the compartment.
BET5-14

Additional Compartment Information:

The following reports from the Inventory are attached:

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

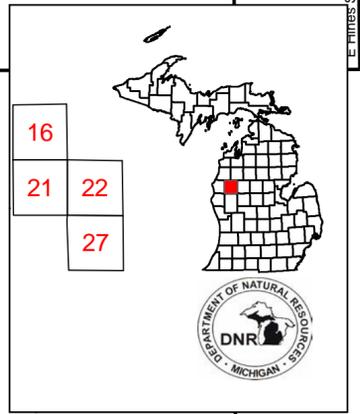
The following information is displayed, where pertinent, on the attached compartment maps:

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

Cover Type & Treatment Map

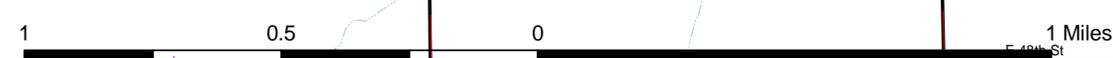
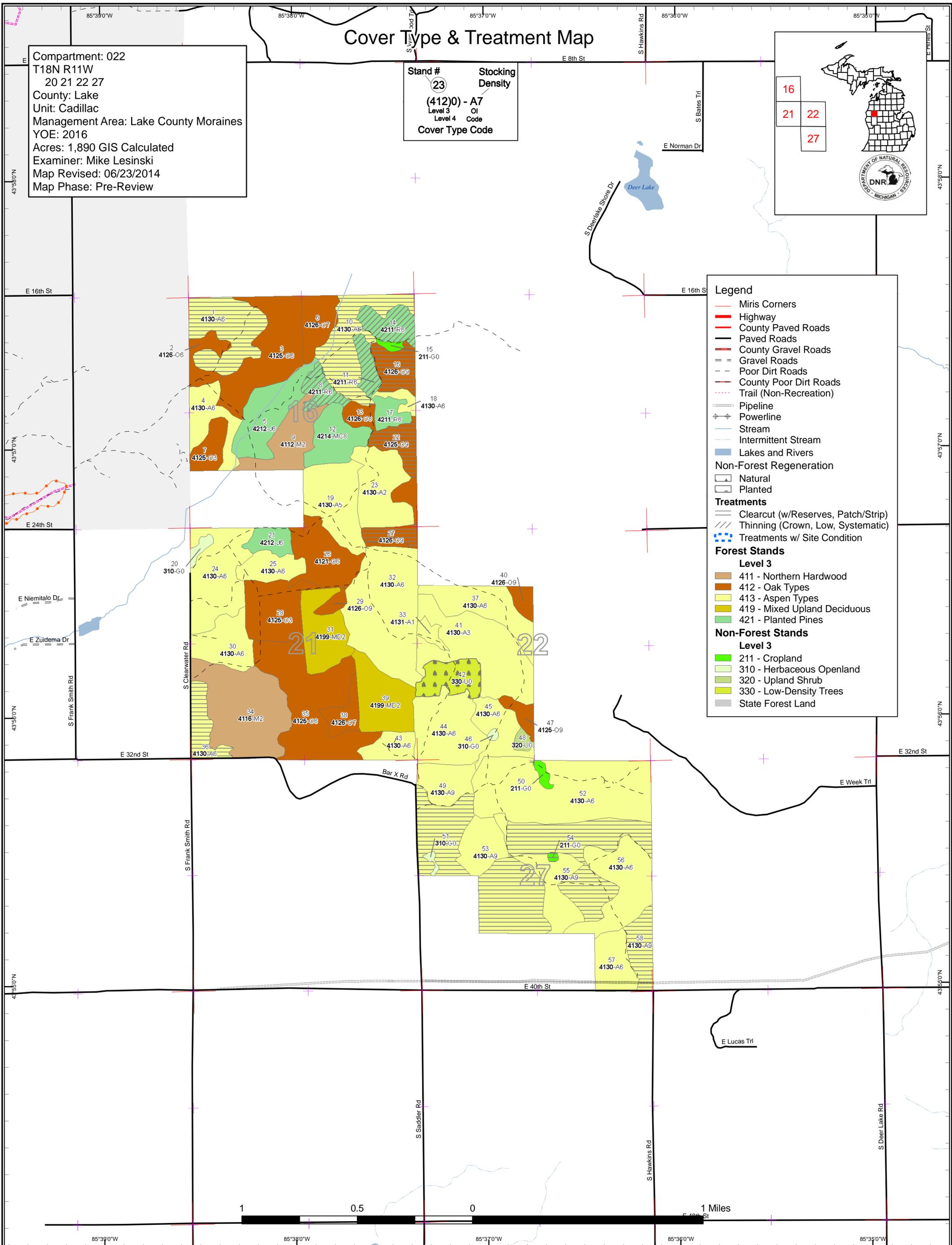
Compartment: 022
 T18N R11W
 20 21 22 27
 County: Lake
 Unit: Cadillac
 Management Area: Lake County Moraines
 YOE: 2016
 Acres: 1,890 GIS Calculated
 Examiner: Mike Lesinski
 Map Revised: 06/23/2014
 Map Phase: Pre-Review

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



Legend

- Miris Corners
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- Pipeline
- Powerline
- Stream
- Intermittent Stream
- Lakes and Rivers
- Non-Forest Regeneration
 - Natural
 - Planted
- Treatments
 - Clearcut (w/Reserves, Patch/Strip)
 - Thinning (Crown, Low, Systematic)
 - Treatments w/ Site Condition
- Forest Stands
 - Level 3
 - 411 - Northern Hardwood
 - 412 - Oak Types
 - 413 - Aspen Types
 - 419 - Mixed Upland Deciduous
 - 421 - Planted Pines
 - Non-Forest Stands
 - Level 3
 - 211 - Cropland
 - 310 - Herbaceous Openland
 - 320 - Upland Shrub
 - 330 - Low-Density Trees
 - State Forest Land

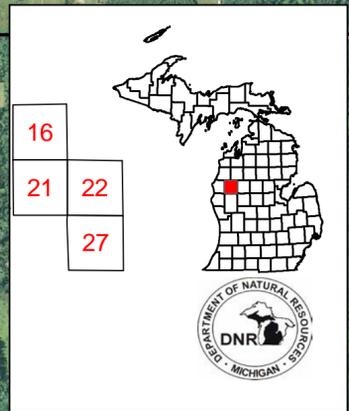


85°39'0"W 85°38'0"W 85°37'0"W 85°36'0"W 85°35'0"W

Stand Boundary Map

Compartment: 022
 T18N R11W
 20 21 22 27
 County: Lake
 Unit: Cadillac
 Management Area: Lake County Moraines
 YOE: 2016
 Acres: 1,890 GIS Calculated
 Examiner: Mike Lesinski
 Map Revised: 06/23/2014
 Map Phase: Pre-Review

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



Legend

- Miris Corners
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- Pipeline
- Powerline
- Stream
- Intermittent Stream
- Stand Boundaries

Forest Stands

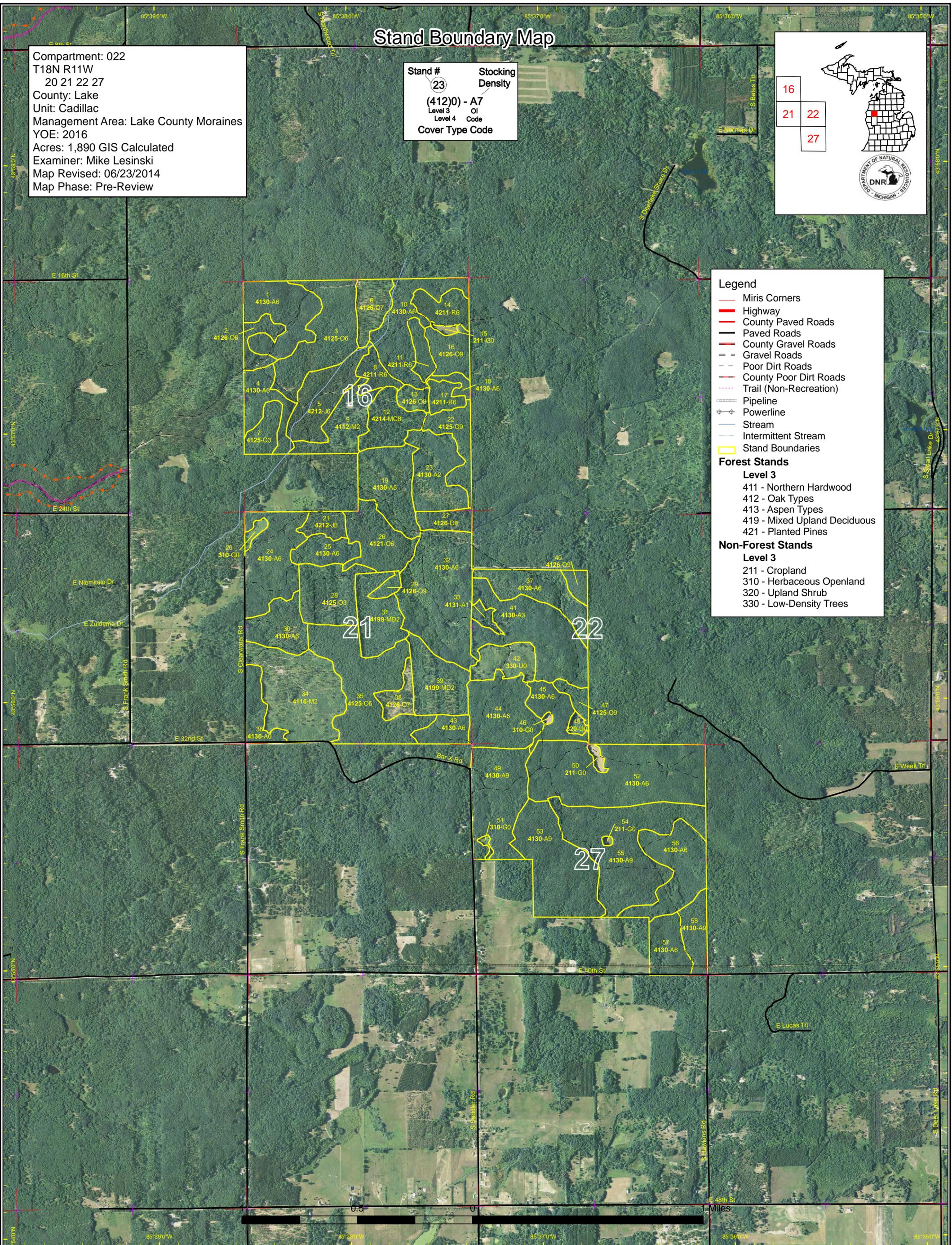
Level 3

- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines

Non-Forest Stands

Level 3

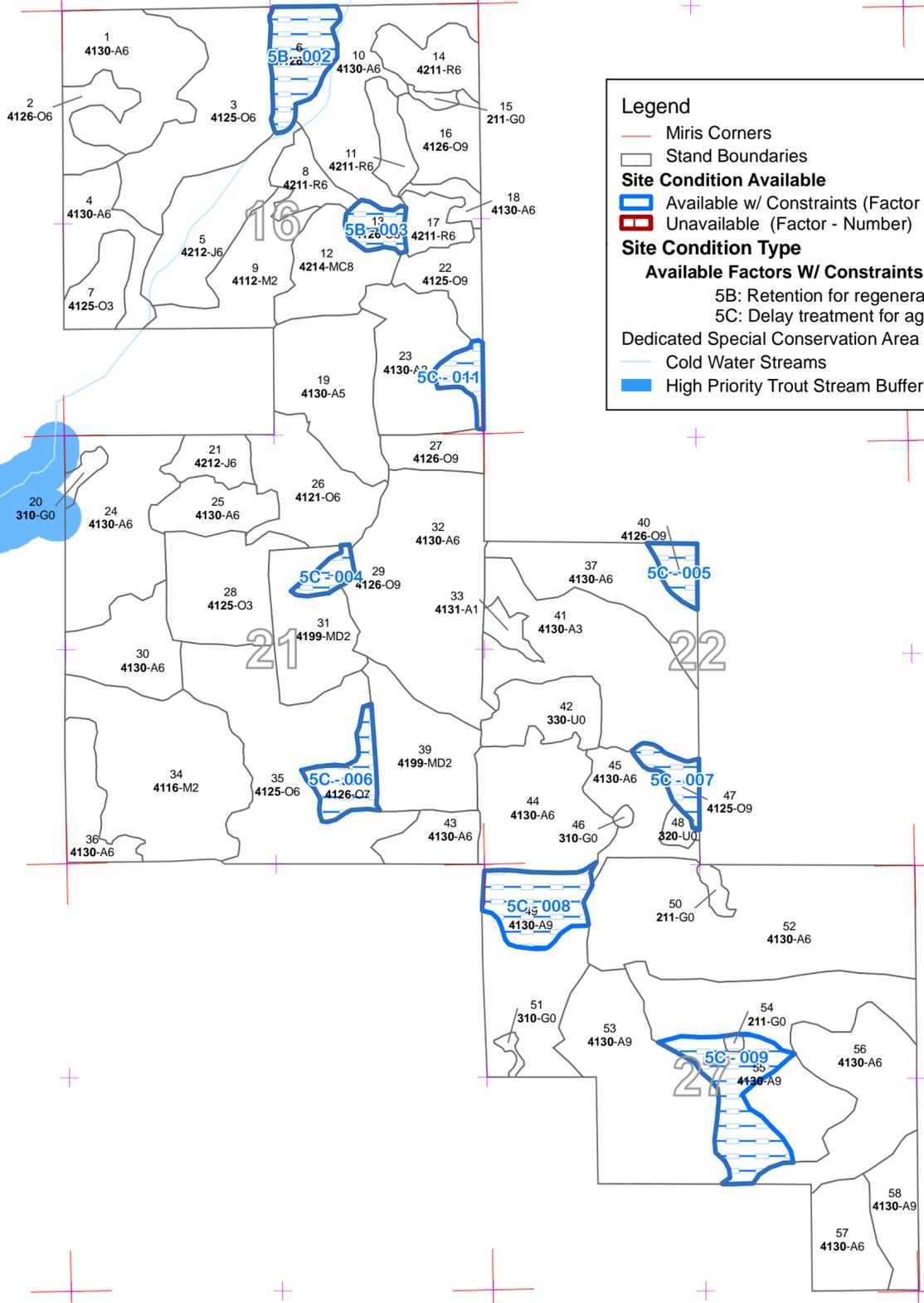
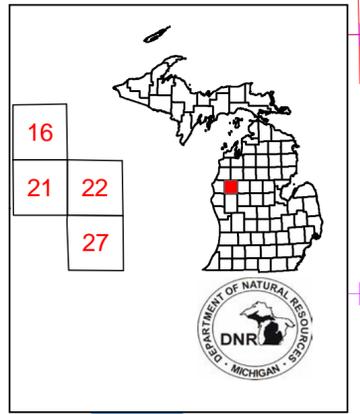
- 211 - Cropland
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low-Density Trees



Special Conservation Areas & Site Conditions Map

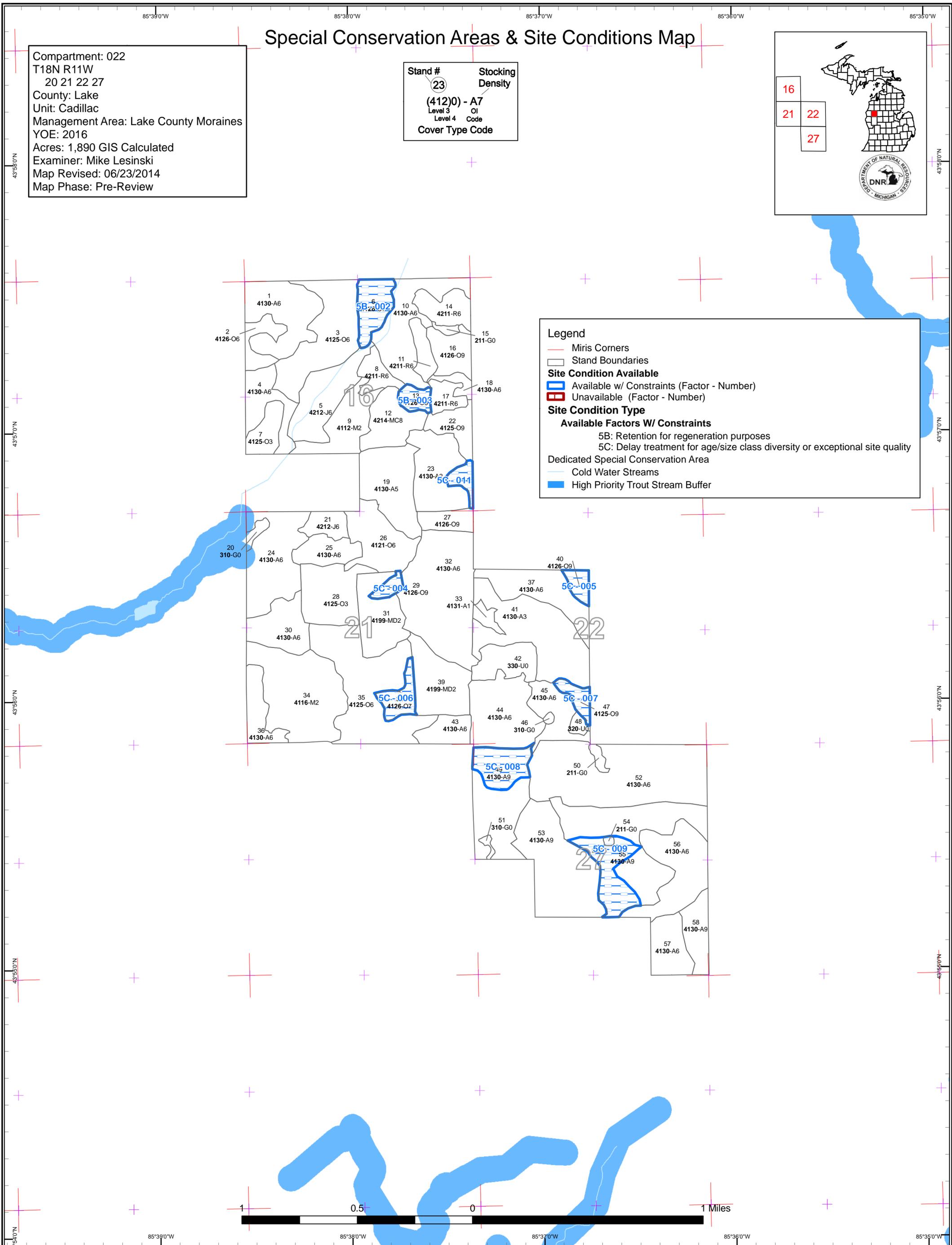
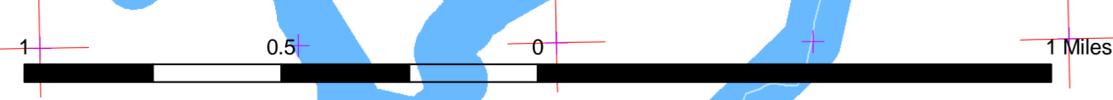
Compartment: 022
 T18N R11W
 20 21 22 27
 County: Lake
 Unit: Cadillac
 Management Area: Lake County Moraines
 YOE: 2016
 Acres: 1,890 GIS Calculated
 Examiner: Mike Lesinski
 Map Revised: 06/23/2014
 Map Phase: Pre-Review

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



Legend

- Miris Corners
- Stand Boundaries
- Site Condition Available**
 - Available w/ Constraints (Factor - Number)
 - Unavailable (Factor - Number)
- Site Condition Type**
 - Available Factors W/ Constraints**
 - 5B: Retention for regeneration purposes
 - 5C: Delay treatment for age/size class diversity or exceptional site quality
 - Dedicated Special Conservation Area
 - Cold Water Streams
 - High Priority Trout Stream Buffer





	Age Class													Total	
	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120 +		Uneven Age
Aspen	0	226	268	130	405	105	0	0	0	0	0	0	0	0	1135
Cropland	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Herbaceous Openland	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Jack Pine	0	0	0	0	54	0	0	0	0	0	0	0	0	0	54
Low-Density Trees	24	0	0	0	0	0	0	0	0	0	0	0	0	0	24
Mixed Upland Deciduous	0	77	0	0	0	0	0	0	0	0	0	0	0	0	77
Northern Hardwood	82	33	0	0	0	0	0	0	0	0	0	0	0	0	115
Oak	0	57	0	76	39	0	90	0	27	96	0	0	0	0	384
Planted Mixed Pines	0	0	0	0	29	0	0	0	0	0	0	0	0	0	29
Red Pine	0	0	0	0	55	0	0	0	0	0	0	0	0	0	55
Upland Shrub	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Total	123	393	268	206	582	105	90	0	27	96	0	0	0	0	1890



Report 2 – Proposed Treatment Summaries

Cadillac Mgt. Unit
Year of Entry 2016

Compartment 022
Total Compartment Acres: 1,890

Acres by Treatment Type

Commercial Harvest - 402 Tree Planting - 0 Other - 0
 Habitat Cut - 0 Opening Maintenance - 0

Cover Type by Harvest Method

	<i>Clearcut</i>	<i>Selection</i>	<i>Seed Tree</i>	<i>Shelterwood</i>	<i>Thinning</i>	<i>Other - Specify</i>	<i>Total Acres</i>
Aspen Types	310	0	0	0	0	0	310
Oak Types	49	0	0	0	0	0	49
Planted Pines	0	0	0	0	44	0	44
Total	359	0	0	0	44	0	402

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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
1 63022001-Cut	50.0	4130 - Aspen	High Density Pole	42	81-110	Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal

Prescription Final harvest aspen. Leave some scattered oak where applicable. Apply grouse specifications to timber sale. Leave uncut islands to meet retention guidelines.

Other Comments: Retention: Scattered oak and uncut islands. Acceptable alternate regen: Aspen/oak/mixed upland deciduous stand.

Next Steps:

Proposed Start Date: 10/01/2015

8 63022008-Cut	12.9	42110 - Planted Red Pine	High Density Pole	46	111-140	Harvest	Systematic Thinning	4211 - Planted Red Pine	Cmpt. Review Proposal
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Prescription Third row thin the planted red pine. Remove other miscellaneous cull trees as needed.

Other Comments:

Next Steps:

Proposed Start Date: 10/01/2015

10 63022010-Cut	49.3	4130 - Aspen	High Density Pole	41	141-170	Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
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Prescription Final harvest aspen. Leave some scattered oak where applicable. Follow retention guidelines by creating some uncut islands. Apply grouse specs to the timber sale.

Other Comments: Retention: Uncut islands and scattered oak. Acceptable alternate regeneration: Aspen/oak/mixed upland deciduous stand.

Next Steps:

Proposed Start Date: 10/01/2015

11 63022011-Cut	11.3	42110 - Planted Red Pine	High Density Pole	46	111-140	Harvest	Systematic Thinning	4211 - Planted Red Pine	Cmpt. Review Proposal
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Prescription Third row thin the red pine plantation. Remove other miscellaneous cull trees as needed.

Other Comments:

Next Steps:

Proposed Start Date: 10/01/2015



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
14	63022014-Cut	19.4	42110 - Planted Red Pine	High Density Pole	46	141-170	Harvest	Systematic Thinning	4211 - Planted Red Pine	Cmpt. Review Proposal

Prescription Third row thin planted red pine. Remove other miscellaneous cull trees as needed.

Specs:

Other

Comments:

Next

Steps:

Proposed

Start Date: 10/01/2015

16	63022016-Cut	20.7	4126 - White, Black, N. Pin Oak	High Density Log	93	111-140	Harvest	Clearcut with Reserves	412 - Oak	Cmpt. Review Proposal
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Prescription Harvest to a BA of 10 to 20 square feet. Favor leaving white oak where applicable.

Specs:

Other

Retention: Residual stand BA. Acceptable alternate regeneration: Oak/mixed upland deciduous stand.

Comments:

Next

Steps:

Proposed

Start Date: 10/01/2015

22	63022022-Cut	17.4	4125 - Black, N. Pin Oak	High Density Log	97	111-140	Harvest	Clearcut with Reserves	412 - Oak	Cmpt. Review Proposal
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Prescription Harvest to a BA of 10 to 20 square feet.

Specs:

Other

Retention: Southern portion of stand and residual stand BA. Acceptable alternate regen: Blended oak/mixed upland deciduous stand.

Comments:

Next

Steps:

Proposed

Start Date: 10/01/2015

27	63022027-Cut	11.1	4126 - White, Black, N. Pin Oak	High Density Log	85	51-80	Harvest	Clearcut with Reserves	412 - Oak	Cmpt. Review Proposal
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Prescription Harvest to a BA of 10 to 20 square feet. Favor leaving white oak where applicable.

Specs:

Other

Retention: Residual stand BA. Acceptable alternate regen: Blended oak/mixed upland deciduous stand.

Comments:

Next

Steps:

Proposed

Start Date: 10/01/2015

36	63022036-Cut	20.1	4130 - Aspen	High Density Pole	40	81-110	Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
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Prescription Final harvest aspen. Leave a scattered mast tree where applicable. Focus retention on island creation. Apply grouse specs.

Specs:

Other

Retention: Scattered mast trees and islands. Acceptable alternate regen: upland deciduous mix.

Comments:

Next

Steps:

Proposed

Start Date: 10/01/2015



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
49	63022049-Cut	42.1	4130 - Aspen	High Density Log	49	111-140	Harvest	Clearcut	413 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> Final harvest aspen. Leave some scattered residual oak where applicable. Apply grouse specs to timber sale. Follow retention guidelines by										
<u>Specs:</u> creating a few uncut islands.										
<u>Other</u> Retention: Scattered oak and uncut islands. Acceptable alternate regen: Blended mixed upland deciduous stand.										
<u>Comments:</u>										
<u>Next</u>										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2015										
53	63022053-Cut	53.6	4130 - Aspen	High Density Log	46	111-140	Harvest	Clearcut	413 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> Final harvest aspen. Leave some scattered oak where applicable. Apply grouse specs to timber sale. Follow retention guidelines by creating a										
<u>Specs:</u> few uncut islands.										
<u>Other</u> Retention: Uncut islands and residual oak. Acceptable alternate regen: Blended mixed upland deciduous stand.										
<u>Comments:</u>										
<u>Next</u>										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2015										
55	63022055-Cut	74.0	4130 - Aspen	High Density Log	56	111-140	Harvest	Clearcut	413 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> Final harvest aspen. Leave some scattered oak where applicable. Apply grouse specs to timber sale. Follow retention guidelines by creating										
<u>Specs:</u> uncut islands.										
<u>Other</u> Retention: Uncut islands and residual oak. Acceptable alternate regen: Blended mixed deciduous stand.										
<u>Comments:</u>										
<u>Next</u>										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2015										
58	63022058-Cut	20.5	4130 - Aspen	High Density Log	47	111-140	Harvest	Clearcut	413 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> Final harvest aspen. leave some scattered oak where applicable. Apply grouse specs to timber sale. Follow retention guidelines with uncut										
<u>Specs:</u> islands.										
<u>Other</u> Retention: Uncut islands and residual oak. Acceptable alternate regen: Blended upland deciduous stand.										
<u>Comments:</u>										
<u>Next</u>										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2015										

**Total Treatment
Acreage Proposed: 402.5**



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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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#Type! #Type!

Prescription
Specs:

Other
Comment:

Next
Steps:

Proposed
Start Date: #Type!

Limiting Factor

Total Treatment
Acreage Proposed: 0.0

Report 5 – Site Conditions

Cadillac Mgt. Unit
Mike Lesinski : Examiner

Compartment 022
Year of Entry 2016

Availability for Management

Total Acres			Dominant Site Conditions		
Acres	Available	Not Available	No	5C	5B
1133	1133		Aspen	1,080	54
54	54		Jack Pine	54	
77	77		Mixed Upland Deciduous	77	0
115	115		Northern Hardwood	115	
384	384		Oak	312	41
29	29		Planted Mixed Pines	29	
55	55		Red Pine	55	
1,847	1,847		Total Forested Acres	1,721	95
	100%		Relative Percent		30

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
002	Available	5B: Maintain for regeneration purposes	22				
Comments:							
003	Available	5B: Maintain for regeneration purposes	9				
Comments:							
004	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5				
Comments:							

Report 5 – Site Conditions

Cadillac Mgt. Unit
Mike Lesinski : Examiner

Compartment 022
Year of Entry 2016

005	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7
Comments:			
006	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	14
Comments:			
007	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9
Comments:			
008	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	24
Comments:			
009	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	31
Comments:			
011	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7
Comments:			



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
Comments				



Report 7 – EXISTING SPECIAL CONSERVATION AREA DETAILS

* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

ERA = Ecological Reference Area
HCVA = High Conservation Value Area
SCA = Special Conservation Area

Conservation Area	Type	Description
SCA	Archaeological Site	An aquatic or terrestrial area of the State that contains physical remains of human occupation. These are sites of cultural and historical significance that may occur upon terrestrial areas and Great Lakes bottomlands. They include thousands of Native American settlements and burial sites, as well as French and British outposts, nineteenth century logging camps, mines and homesteads. Beneath the waters of the Great Lakes, there are shipwrecks and other remains documenting the maritime trade. Such sites may be identified by Natural heritage data from the State Historic Preservation Office. Proposed treatments in this compartment will be implemented in such a manner as to maintain the integrity of these sites. Due to the sensitive nature of this information, no further detail about location is available.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.

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Cadillac Mgt. Unit

Report 8 – Forested Stands

Compartment: 022
Year of Entry: 2016

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4130 - Aspen	High Density Pole	50.0	42	81-110	
2	4126 - White, Black, N. Pin Oak	High Density Pole	13.5	36	51-80	Plenty of oak in understory. Not ready for harvest.
3	4125 - Black, N. Pin Oak	High Density Pole	62.2	38	81-110	Mixed poor quality oak.
4	4130 - Aspen	High Density Pole	26.6	40	81-110	Poorer quality aspen. Variable age and diameter.
5	42121 - Planted Jack Pine, Mixed Deciduous	High Density Pole	41.7	45	141-170	
6	4126 - White, Black, N. Pin Oak	Low Density Log	21.6	93	1-50	Seedtree / Shelterwood harvest last YOE.
7	4125 - Black, N. Pin Oak	High Density Sapling	15.7	17		Scattered pine.
8	42110 - Planted Red Pine	High Density Pole	12.9	46	111-140	Poorer quality red pine.
9	4112 - Maple, Beech, Cherry Association	Medium Density	33.0	16	1-50	
10	4130 - Aspen	High Density Pole	49.3	41	141-170	Variable density and diameter.
11	42110 - Planted Red Pine	High Density Pole	11.3	46	111-140	
12	42141 - Planted Mixed Pine, Mixed Deciduous	Medium Density Log	29.2	47	51-80	Planted red pine. Pockets of the stand were CC several years ago and have regenerated to an upland deciduous mix.
13	4126 - White, Black, N. Pin Oak	Medium Density Log	8.5	96	1-50	Shelterwood cut last YOE. Regen is upland deciduous mix.
14	42110 - Planted Red Pine	High Density Pole	19.4	46	141-170	
16	4126 - White, Black, N. Pin Oak	High Density Log	20.7	93	111-140	
17	42110 - Planted Red Pine	High Density Pole	11.0	46	141-170	
18	4130 - Aspen	High Density Pole	5.8	33	111-140	Variable age and diameter.
19	4130 - Aspen	Medium Density Pole	47.9	19	1-50	

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Cadillac Mgt. Unit

Report 8 – Forested Stands

Compartment: 022
Year of Entry: 2016

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
21	42121 - Planted Jack Pine, Mixed Deciduous	High Density Pole	12.4	47	81-110	
22	4125 - Black, N. Pin Oak	High Density Log	24.4	97	111-140	Poorer quality oak.
23	4130 - Aspen	Medium Density	43.6	17		Stand CC 1997.
24	4130 - Aspen	High Density Pole	57.5	27	51-80	Stand CC 1987.
25	4130 - Aspen	High Density Pole	19.5	27	51-80	
26	4121 - Oak, Aspen	High Density Pole	39.1	48	51-80	Oak with scattered aspen clones.
27	4126 - White, Black, N. Pin Oak	High Density Log	13.2	85	51-80	Stand thinned 1997. Heavy red maple regen.
28	4125 - Black, N. Pin Oak	High Density Sapling	41.3	17		Strip CC 1997.
29	4126 - White, Black, N. Pin Oak	High Density Log	5.2	96	81-110	Small oak stand. Leave for age class diversity.
30	4130 - Aspen	High Density Pole	30.6	27	51-80	Stand CC 1987.
31	4199 - Other Mixed Upland Deciduous	Medium Density	36.2	17		
32	4130 - Aspen	High Density Pole	96.5	26	51-80	
33	4131 - Aspen, Oak	Low Density Sapling	5.7	12		
34	4116 - Mixed N. Hardwood - Aspen	Medium Density	81.8	8		Seedtree last YOE. Scattered overstory oak.
35	4125 - Black, N. Pin Oak	High Density Pole	89.7	63	51-80	Variable age and diameter oak. Some aspen clones in stand.
36	4130 - Aspen	High Density Pole	20.1	40	81-110	
37	4130 - Aspen	High Density Pole	38.7	26	51-80	
38	4126 - White, Black, N. Pin Oak	Low Density Log	13.5	83	1-50	Shelterwood last YOE.

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Cadillac Mgt. Unit

Report 8 – Forested Stands

Compartment: 022
Year of Entry: 2016

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
39	4199 - Other Mixed Upland Deciduous	Medium Density	41.0	17		
40	4126 - White, Black, N. Pin Oak	High Density Log	7.3	91	111-140	
41	4130 - Aspen	High Density Sapling	76.7	17		Variable age, diameter and density.
43	4130 - Aspen	High Density Pole	15.8	40	81-110	
44	4130 - Aspen	High Density Pole	53.8	47	111-140	
45	4130 - Aspen	High Density Pole	24.8	40	111-140	
47	4125 - Black, N. Pin Oak	High Density Log	8.2	93	81-110	Small acreage stand
49	4130 - Aspen	High Density Log	65.3	49	111-140	
52	4130 - Aspen	High Density Pole	124.2	34	51-80	
53	4130 - Aspen	High Density Log	78.9	46	111-140	
55	4130 - Aspen	High Density Log	105.2	56	111-140	
56	4130 - Aspen	High Density Pole	52.1	17	1-50	
57	4130 - Aspen	High Density Pole	25.5	26	1-50	
58	4130 - Aspen	High Density Log	20.5	47	111-140	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
15	2113 - Forage Crops	2.4	Yes	High	Planted wildlife opening
20	3102 - Grass	3.8	No	Unspecified	Non-managed grass opening.
42	3301 - Low Density Deciduous Tree	23.9	Natural Regen	Aspen	
46	3102 - Grass	1.2	No	Unspecified	Small grass opening.
48	3202 - Autumn Olive/Honeysuckle	3.8	No	Unspecified	Upland brush.
50	2113 - Forage Crops	3.4	Yes	Medium	
51	3102 - Grass	1.7	No	Unspecified	Grass opening.
54	2113 - Forage Crops	1.0	Yes	Medium	