



Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 61

Entry Year 2015

Acreage: 1,678

County Montmorency

Management Area: Kirtland's Warbler

Revision Date: 10/31/2013

Stand Examiner: Chad Fate

Legal Description:

Sections 1, 12 and 13, T32N-R2E

Identified Planning Goals:

Timber, Kirtland Warbler and other wildlife habitat, and snowmobile/ORV trails.

Soil and topography:

North of Tomahawk Creek the land is broadly rolling with about 80 feet total elevation change. The south is mostly flat, especially the conifer swamps. The northern soils include Grayling, Graycalm, Klacking and Millersburg, and range from excessively drained sand to well drained loamy sand. The southern swamps are mostly Tawas muck, with higher ground being Rubicon, Graycalm, Millersburg and Crowell.

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

This is part of a large area of state ownership. Several 40 acre inholdings of private property exist.

Unique Natural Features:

This area is Kirtland's warbler habitat and also may have the potential of massasauga ratlesnake, red shoulder hawk, goshawk, and others.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

Kirtland's Warbler management area.

Watershed and Fisheries Considerations:

Tomahawk Creek—including one of the Twin Tomahawk Lakes—swings through the central portion of the compartment.

Wildlife Habitat Considerations:

This compartment is part of the Clear Lake Kirtland's Warbler Management Area. As such, Kirtland's warbler is a featured species here along with white-tailed deer and snowshoe hare, which benefit from early successional jack pine habitats in the area. Openings coming in with brush should be maintained with fire, while others in good condition should be planted with food and cover crops for wildlife.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of coarse-textured glacial till. The glacial drift thickness varies between 200 and 400 feet. Beneath the glacial drift is the Devonian Antrim Shale and Traverse Group. The Traverse is quarried for limestone and both are quarried for cement products. The nearest gravel pits are located to the west and the potential is considered good. This area has had limited unsuccessful drilling for Niagaran reefs. The Antrim Shale is disappearing or gone in this area and drilling is unlikely. There are no leases for oil & gas in the compartment.

Vehicle Access:

Excellent road access along with numerous two-tracks/fire breaks.

Survey Needs:

Recreational Facilities and Opportunities:

Snowmobile and ORV trails

Fire Protection:

Many stands of young Jack Pine and dry oak/pine mixed stands. There are numerous fire breaks and two-tracks between

Jack Pine stands.

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**

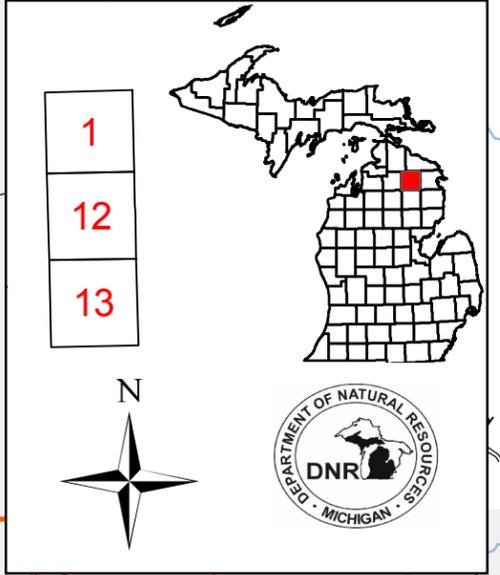
The following information is displayed, where pertinent, on the attached compartment maps:

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

Cover Type & Treatment Map

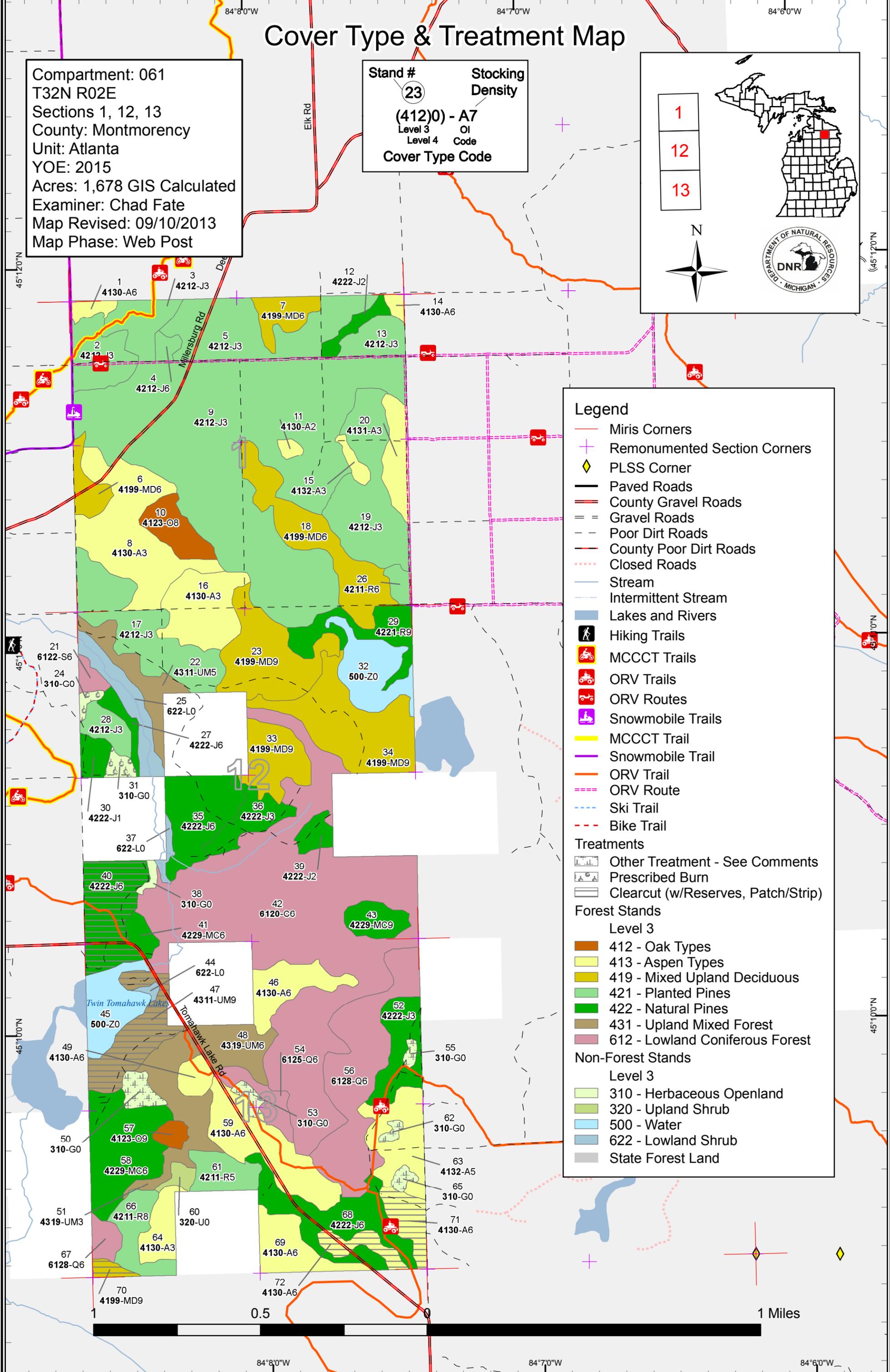
Compartment: 061
 T32N R02E
 Sections 1, 12, 13
 County: Montmorency
 Unit: Atlanta
 YOE: 2015
 Acres: 1,678 GIS Calculated
 Examiner: Chad Fate
 Map Revised: 09/10/2013
 Map Phase: Web Post

Stand # **23**
(4120) - A7
 Level 3 OI
 Level 4 Code
 Cover Type Code



Legend

- Miris Corners
 - Remonumented Section Corners
 - PLSS Corner
 - Paved Roads
 - County Gravel Roads
 - Gravel Roads
 - Poor Dirt Roads
 - County Poor Dirt Roads
 - Closed Roads
 - Stream
 - Intermittent Stream
 - Lakes and Rivers
 - Hiking Trails
 - MCCCT Trails
 - ORV Trails
 - ORV Routes
 - Snowmobile Trails
 - MCCCT Trail
 - Snowmobile Trail
 - ORV Trail
 - ORV Route
 - Ski Trail
 - Bike Trail
- Treatments**
- Other Treatment - See Comments
 - Prescribed Burn
 - Clearcut (w/Reserves, Patch/Strip)
- Forest Stands**
- Level 3
- 412 - Oak Types
 - 413 - Aspen Types
 - 419 - Mixed Upland Deciduous
 - 421 - Planted Pines
 - 422 - Natural Pines
 - 431 - Upland Mixed Forest
 - 612 - Lowland Coniferous Forest
- Non-Forest Stands**
- Level 3
- 310 - Herbaceous Openland
 - 320 - Upland Shrub
 - 500 - Water
 - 622 - Lowland Shrub
 - State Forest Land



84°8'0"W 84°7'0"W 84°6'0"W

Stand Boundary Map

Compartment: 061
 T32N R02E
 Sections 1, 12, 13
 County: Montmorency
 Unit: Atlanta
 YOE: 2015
 Acres: 1,678 GIS Calculated
 Examiner: Chad Fate
 Map Revised: 09/10/2013
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Stand #
 23
Stocking Density
 (4120) - A7
 Level 3 OI
 Level 4 Code
Cover Type Code

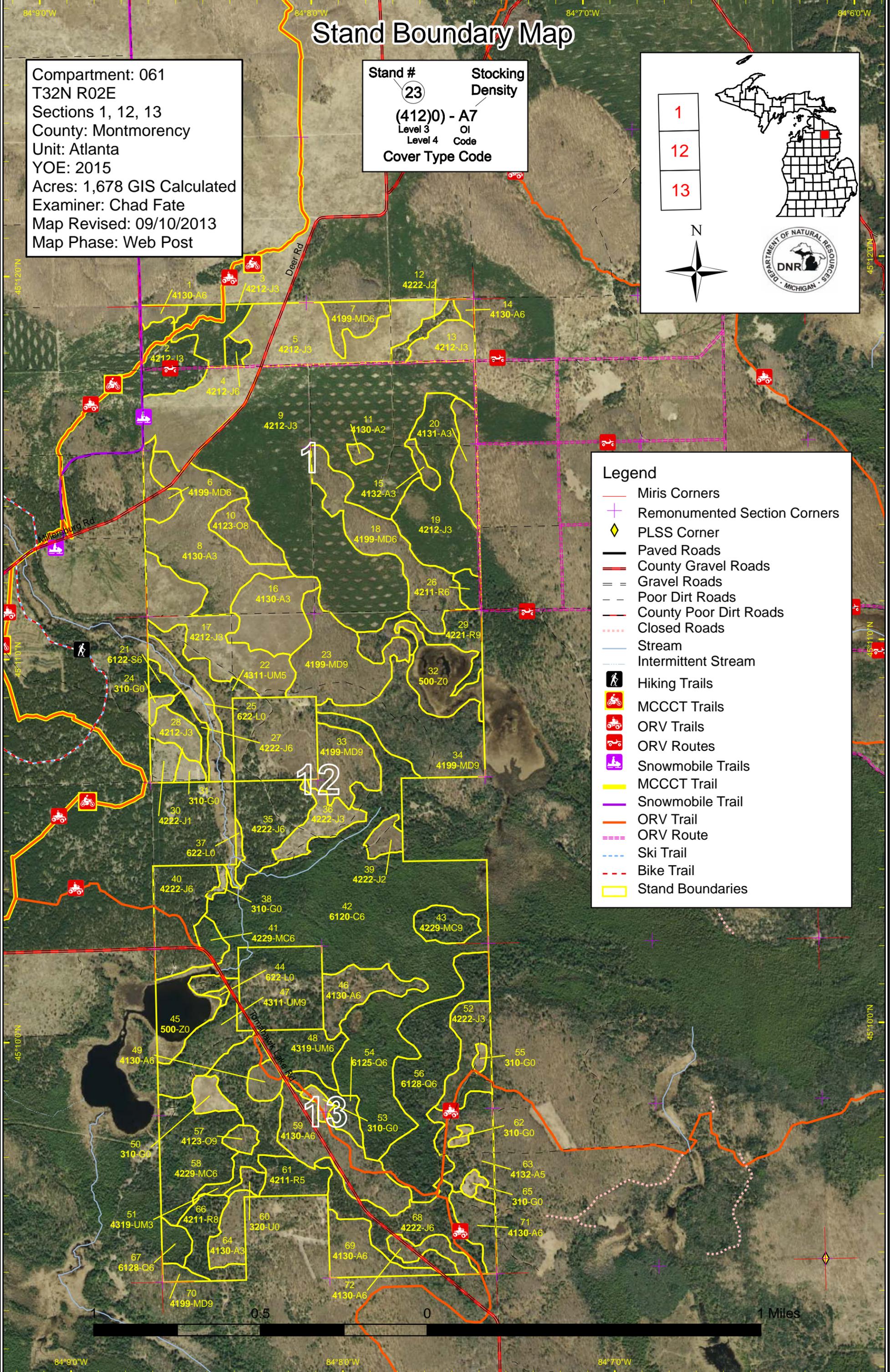
1
 12
 13

N

DEPARTMENT OF NATURAL RESOURCES
DNR
MICHIGAN

Legend

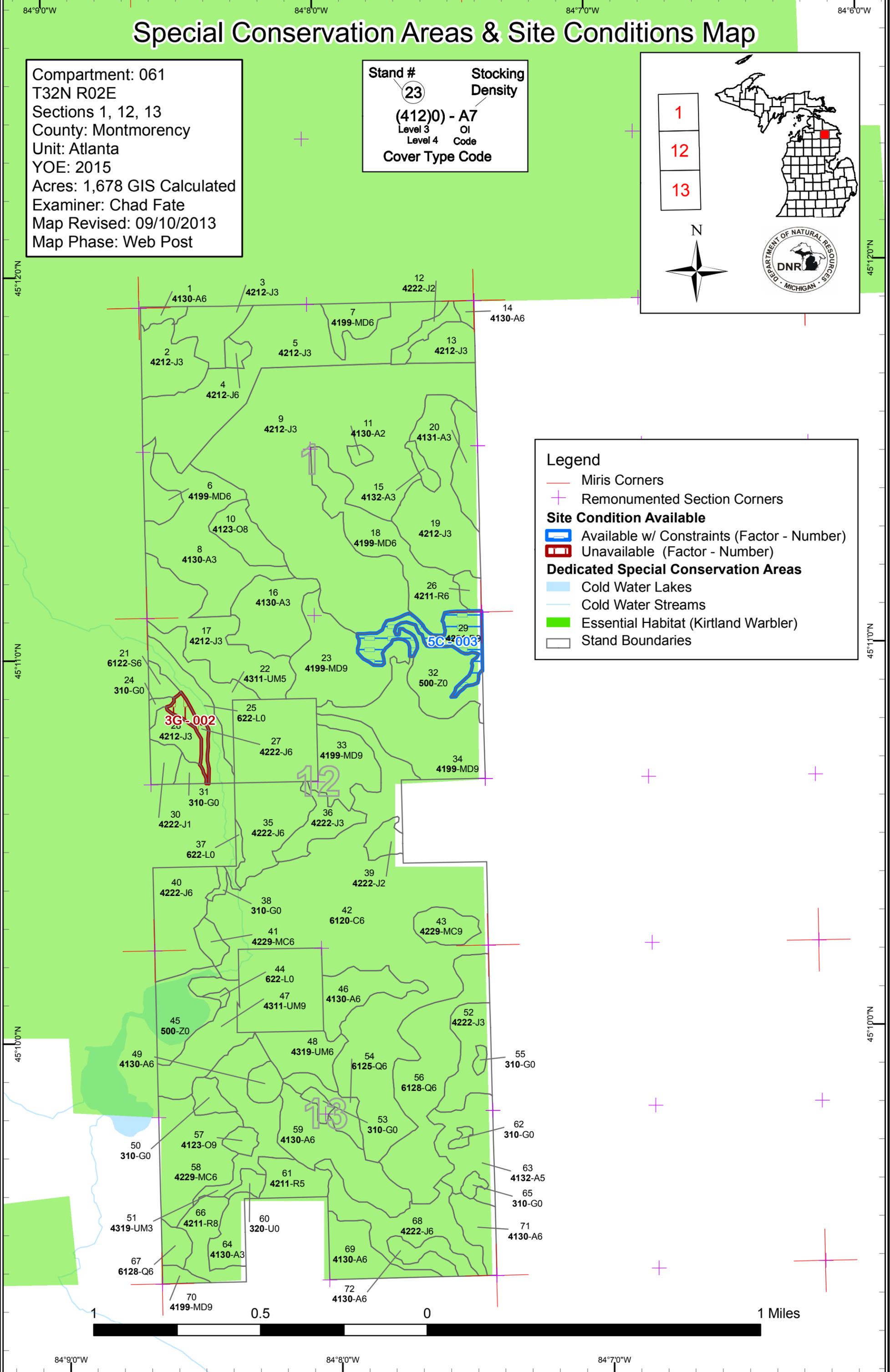
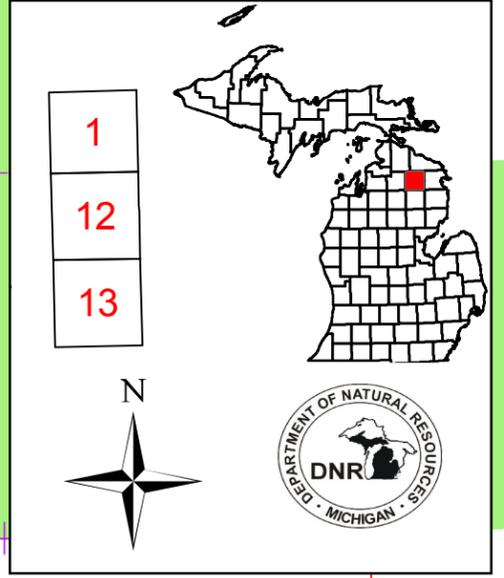
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- Remonumented Section Corners
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- Paved Roads
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- ORV Routes
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- MCCCT Trail
- Snowmobile Trail
- ORV Trail
- ORV Route
- Ski Trail
- Bike Trail
- Stand Boundaries



Special Conservation Areas & Site Conditions Map

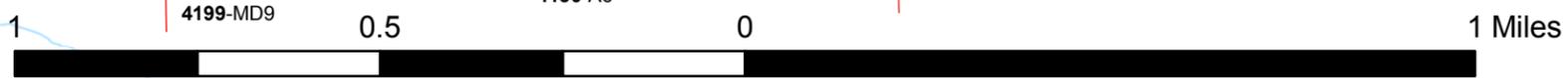
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Stand #
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Stocking Density
 (4120) - A7
 Level 3 OI
 Level 4 Code
Cover Type Code



Legend

- Miris Corners
- Remonumented Section Corners
- Site Condition Available**
 - Available w/ Constraints (Factor - Number)
 - Unavailable (Factor - Number)
- Dedicated Special Conservation Areas**
 - Cold Water Lakes
 - Cold Water Streams
 - Essential Habitat (Kirtland Warbler)
 - Stand Boundaries



84°9'0"W 84°8'0"W 84°7'0"W

45°12'0"N

45°11'0"N

45°10'0"N

45°12'0"N

45°11'0"N

45°10'0"N

Report 1 – Total Acres by Cover Type and Age Class



	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	30	87	27	7	102	0	0	0	0	0	0	0	0	0	254
Cedar	0	0	0	0	0	0	0	0	0	0	231	0	0	0	231
Herbaceous Openland	22	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Jack Pine	176	307	28	3	0	66	38	0	0	0	0	0	0	0	618
Lowland Conifers	0	0	0	0	0	0	72	6	0	0	0	0	0	0	78
Lowland Shrub	21	0	0	0	0	0	0	0	0	0	0	0	0	0	21
Lowland Spruce/Fir	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4
Mixed Upland Deciduous	0	0	12	0	0	0	0	90	26	50	0	0	0	0	177
Natural Mixed Pines	0	0	0	5	0	41	0	0	0	11	0	0	0	0	57
Oak	0	0	0	0	0	0	0	15	4	0	0	0	0	0	19
Red Pine	0	0	18	0	0	0	16	0	21	0	0	0	0	0	55
Upland Mixed Forest	0	0	29	0	36	0	0	27	0	0	0	0	0	0	92
Upland Shrub	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Water	47	0	0	0	0	0	0	0	0	0	0	0	0	0	47
Total	300	394	114	15	138	111	126	138	51	61	231	0	0	0	1678



Report 2 – Proposed Treatment Summaries

Atlanta Mgt. Unit
Year of Entry 2015

Compartment 061
Total Compartment Acres: 1,678

Acres by Treatment Type

Commercial Harvest - 84	Tree Planting - 0	Other - 6
Habitat Cut - 0	Opening Maintenance - 15	

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	21	0	0	0	0	0	21
Mixed Upland Deciduous	3	0	0	0	0	0	3
Natural Pines	33	0	0	0	0	0	33
Upland Mixed Forest	27	0	0	0	0	0	27
Total	84	0	0	0	0	0	84



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
40	54061040-Cut	32.7	42220 - Natural Jack Pine	High Density Pole	62		Harvest	Clearcut with Reserves	4212 - Planted Jack Pine	Cmpt. Review Proposal

Prescription Clearcut, leave a 1 acre retention pocket or strip. Leave retention along the lake and dispersed camping area. Chip tops and use 2" cutting spec.
Specs: Use trail specs.

Other
Comments:

Next
Steps: Trench and plant jack pine

Proposed
Start Date: 10/01/2014

47	54061047-Cut	26.9	4311 - Pine, Aspen Mix	High Density Log	78		Harvest	Clearcut with Reserves	4311 - Pine, Aspen Mix	Cmpt. Review Proposal
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Prescription Clearcut, Leave a few scattered large red pine, white pine, and oak. When possible leave pockets of white pine regen in retention areas. Leave retention along the lake and dispersed camping area. Use trail specs.

Other
Comments:

Next
Steps: Acceptable regen is a well stocked stand of aspen with a mix of pine and oak.

Proposed
Start Date: 10/01/2014

70	54061070-Cut	3.3	4199 - Other Mixed Upland Deciduous	High Density Log	86	81-110	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Cmpt. Review Proposal
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Prescription Clearcut, leave clumps of 3 dominant oaks per acre. Set sale up with oak stand to the south in compartment 66.
Specs:

Other
Comments: no additional retention is needed due to small size of the stand. Adjacent stand's YOE is 2016, delay treatment of this stand to set up and sell with similar stand in compartment 66.

Next
Steps: Acceptable regen is a mix of oak, hardwoods, and aspen

Proposed
Start Date: 10/01/2015

71	54061071-Cut	12.2	4130 - Aspen	High Density Pole	44		Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
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Prescription clearcut, leave a 0.5 acre retention pocket. Leave any pines that meet "Legacy Tree" specifications. set up and cut with stand 65 in compartment 070. Use trail specs.

Other
Comments:

Next
Steps: acceptable regen is a medium to well stocked stand of aspen with a component of mixed pine.

Proposed
Start Date: 10/01/2013



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
72	54061072-Cut	8.7	4130 - Aspen	High Density Pole	49		Harvest	Clearcut	413 - Aspen	Cmpt. Review Proposal

Prescription Clearcut, no retention needed due to small size. Use trail specs.

Specs:

Other

Comments:

Next acceptable regen is a high desity aspen stand with a component of mixed pine and oak.

Steps:

Proposed

Start Date: 10/01/2014

24	NF_54061024- Burn	2.0	3102 - Grass				Prescribed Burn	Unspecified	3102 - Grass	Cmpt. Review Proposal
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Prescription Burn to maintain opening and promote grasses. If burn is not funded, treat mechanically.

Specs:

Other

Comments:

Next Monitor and treat on rotation

Steps:

Proposed

Start Date: Unspecified

31	NF_54061031- Burn	3.6	3102 - Grass				Prescribed Burn	Unspecified	3102 - Grass	Cmpt. Review Proposal
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Prescription Burn too maintain opening and grasses. If burn is not funded, treat mechanically.

Specs:

Other

Comments:

Next Monitor and treat on rotation

Steps:

Proposed

Start Date: Unspecified

50	NF_54061050- NonFor	6.3	3102 - Grass				Non-Forest Management	Other - Specify	310 - Herbaceous Openland	Cmpt. Review Proposal
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Prescription Plant to food and cover crops for wildlife

Specs:

Other

Comments:

Next Monitor and treat on rotation

Steps:

Proposed

Start Date: Unspecified

53	NF_54061053- NonFor	3.0	3102 - Grass				Non-Forest Management	Other - Specify	310 - Herbaceous Openland	Cmpt. Review Proposal
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Prescription Plant food and cover crops for wildlife

Specs:

Other

Comments:

Next Monitor and treat on rotation

Steps:

Proposed

Start Date: Unspecified



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
55	NF_54061055- NonFor	1.7	3102 - Grass				Non-Forest Management	Other - Specify	310 - Herbaceous Openland	Cmpt. Review Proposal
<u>Prescription</u> Plant food and cover crops for wildlife										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Monitor and treat on rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
62	NF_54061062- NonFor	1.7	3102 - Grass				Non-Forest Management	Other - Specify	310 - Herbaceous Openland	Cmpt. Review Proposal
<u>Prescription</u> Plant food and cover crops for wildlife										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Monitor and treat on rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
65	NF_54061065- NonFor	2.4	3102 - Grass				Non-Forest Management	Other - Specify	310 - Herbaceous Openland	Cmpt. Review Proposal
<u>Prescription</u> Plant food and cover crops for wildlife										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Monitor and treat on rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
Total Treatment Acreage Proposed: 104.3										

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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

Atlanta Mgt. Unit
Chad Fate : Examiner

Compartment 061
Year of Entry 2015

Availability for Management

Total Acres	Acres		Dominant Site Conditions	No	5C	3G
	Available	Not Available				
254	254		Aspen	254		
231	231		Cedar	231		
618	612	5	Jack Pine	612		5
78	78		Lowland Conifers	78		
4	4		Lowland Spruce/Fir	4		
177	177		Mixed Upland Deciduous	177		
57	57		Natural Mixed Pines	57		
19	19		Oak	19		
55	55		Red Pine	34	21	
92	92		Upland Mixed Forest	92		
1,584	1,579	5	Total Forested Acres	1,558	21	5
	100%	0%	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.*

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
002	Not Available	3G: Other Influence zones - See comments	5	5B: Retention for regeneration purposes	3D: Recreational / Scenic values		
Comments: Retention from original parent stand. Also serves as a buffer along stream and lowland.							
003	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	21				
Comments: Delay treatment to see how successful adjacent treatment to the east works.							



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 – 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	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 Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
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.
HCVA	Designated Critical Habitat	Critical habitat areas are established via a consultative and cooperative process between the DNR and the U.S. Fish and Wildlife service for the recovery of threatened and endangered species, as governed by Part 365, Endangered Species Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, and the Federal Endangered Species Act of 1973. This is an active program, with proposed species plans in various stages of review. As of now only two exist, Kirtland Warbler Habitat and Piping Plover Habitat.

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Atlanta Mgt. Unit

Report 8 – Forested Stands

Compartment: 061
Year of Entry: 2015

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4130 - Aspen	High Density Pole	4.1	28		
2	42120 - Planted Jack Pine	High Density Sapling	21.6	28		jp mostly large sapling size with some 4-5 inch pole size trees.
3	42120 - Planted Jack Pine	High Density Sapling	16.3	17		
4	42120 - Planted Jack Pine	High Density Pole	3.5	38		many jp are pre-mech size
5	42121 - Planted Jack Pine, Mixed Deciduous	High Density Sapling	87.3	4		jack pine is about 3 ft tall. oak and cherry are about 5-10 ft tall. pocket of aspen along west side of millersburg rd.
6	4199 - Other Mixed Upland Deciduous	High Density Pole	9.2	75	81-110	poor quality oak with a pocket of nice aspen and oak in SW part of stand. too small to call its own stand.
7	4199 - Other Mixed Upland Deciduous	High Density Pole	11.9	24		
8	4130 - Aspen	High Density Sapling	56.8	17		
9	42120 - Planted Jack Pine	High Density Sapling	214.8	15		
10	4123 - Red Oak	Medium Density Log	14.6	73	51-80	red maple and aspen removed in 2011
11	4130 - Aspen	Medium Density	2.2	24		
12	42221 - Natural Jack Pine, Mixed Deciduous	Medium Density	6.0	24		
13	42121 - Planted Jack Pine, Mixed Deciduous	High Density Sapling	12.5	4		Most of the JP is about 3'-4' tall, oak and cherry are about 5-10' tall
14	4130 - Aspen	High Density Pole	2.3	24		
15	4132 - Aspen, Jack Pine	High Density Sapling	3.6	17		
16	4130 - Aspen	High Density Sapling	30.3	5		
17	42121 - Planted Jack Pine, Mixed Deciduous	High Density Sapling	45.9	4		trees are approx 3-4 ft tall
18	4199 - Other Mixed Upland Deciduous	High Density Pole	39.7	70	81-110	

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Atlanta Mgt. Unit

Report 8 – Forested Stands

Compartment: 061
Year of Entry: 2015

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
42120 - Planted Jack Pine	High Density Sapling	49.1	15		
4131 - Aspen, Oak	High Density Sapling	14.8	17		
6122 - Black Spruce	High Density Pole	4.3	53		New stand added.
4311 - Pine, Aspen Mix	Medium Density Pole	17.4	45		this stand is a mix of many little stands that are too small to separate. looks as though they are parts of buffers/retention from the original surrounding stands.
4199 - Other Mixed Upland Deciduous	High Density Log	41.0	73	111-140	
42110 - Planted Red Pine	High Density Pole	4.6	28	81-110	
42220 - Natural Jack Pine	High Density Pole	5.3	63		
42120 - Planted Jack Pine	High Density Sapling	9.3	4		
42210 - Natural Red Pine	High Density Log	21.2	82	111-140	
42220 - Natural Jack Pine	Low Density Sapling	6.5	10		Stand swapped from Non-Forested to Forested.
4199 - Other Mixed Upland Deciduous	High Density Log	22.3	84	81-110	
4199 - Other Mixed Upland Deciduous	High Density Log	49.6	92	81-110	
42220 - Natural Jack Pine	High Density Pole	30.3	53		mostly pole size with pockets of open areas and saplings
42220 - Natural Jack Pine	High Density Sapling	14.6	4		natural jp 3-4 ft tall fully stocked
42220 - Natural Jack Pine	Medium Density	6.1	4		low stocking of jp in areas
42220 - Natural Jack Pine	High Density Pole	32.7	62		
42290 - Natural Mixed Pine	High Density Pole	5.4	30	81-110	New stand added.
6120 - Lowland Cedar	High Density Pole	231.1	100		scattered open pockets with thick tag alder



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
43	42290 - Natural Mixed Pine	High Density Log	11.0	96	51-80	Island of mixed pine in the middle of cedar/tag alder stand. No access to this stand.
46	4130 - Aspen	High Density Pole	18.8	27		
47	4311 - Pine, Aspen Mix	High Density Log	26.9	78		aspen is declining
48	4319 - Mixed Upland Forest	High Density Pole	18.6	49		
49	4130 - Aspen	High Density Pole	6.5	38		
51	4319 - Mixed Upland Forest	High Density Sapling	28.7	26		
52	42220 - Natural Jack Pine	High Density Sapling	20.0	17		very dense.
54	6125 - Lowland Black Spruce, Jack Pine	High Density Pole	10.3	63		
56	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	61.4	63		mix of low ground with ridges and pockets of higher ground.
57	4123 - Red Oak	High Density Log	4.2	85	81-110	
58	42290 - Natural Mixed Pine	High Density Pole	40.6	53		
59	4130 - Aspen	High Density Pole	36.8	40		
61	42110 - Planted Red Pine	Medium Density Pole	13.4	25	81-110	
63	4132 - Aspen, Jack Pine	Medium Density Pole	25.0	40		scattered aspen clones and jack pine pockets
64	4130 - Aspen	High Density Sapling	12.1	15		
66	42110 - Planted Red Pine	Medium Density Log	16.0	69	81-110	stand has been thinned numerous times. open canopy trees are free to grow
67	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	6.2	73		
68	42221 - Natural Jack Pine, Mixed Deciduous	High Density Pole	36.1	53		

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Atlanta Mgt. Unit

Report 8 – Forested Stands

Compartment: 061
Year of Entry: 2015



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
69	4130 - Aspen	High Density Pole	19.4	44		
70	4199 - Other Mixed Upland Deciduous	High Density Log	3.3	86	81-110	
71	4130 - Aspen	High Density Pole	12.2	44		pockets of large red pine
72	4130 - Aspen	High Density Pole	8.7	49		



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
24	3102 - Grass	2.0	Unspecified	Unspecified	scattered jp and cherry
25	6229 - Mixed lowland shrub	17.3	Unspecified	Unspecified	
31	3102 - Grass	3.6	Unspecified	Unspecified	grass with a few scattered jp. eastern half is a trespass food plot planted by landowner to the south
32	50 - Water	24.7	Unspecified	Unspecified	grassy marsh with standing water. surrounded by willow and dogwood brush
37	6229 - Mixed lowland shrub	2.5	Unspecified	Unspecified	
38	3102 - Grass	1.7	Unspecified	Unspecified	scattered jp
44	6223 - Inundated Shrub Swamp	1.2	Unspecified	Unspecified	mostly dogwood, tag alder and scattered trees
45	50 - Water	21.8	Unspecified	Unspecified	
50	3102 - Grass	6.3	Unspecified	Unspecified	
53	3102 - Grass	3.0	Unspecified	Unspecified	grass, bracken, and scattered cherry
55	3102 - Grass	1.7	Unspecified	Unspecified	
60	3205 - Mixed Upland Shrub	3.6	Unspecified	Unspecified	blueberry, cherry
62	3102 - Grass	1.7	Unspecified	Unspecified	
65	3102 - Grass	2.4	Unspecified	Unspecified	couple scattered large oaks