



ATLANTA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION
COMPARTMENT 68 ENTRY YEAR: 2014

Compartment Acreage: 3002

County: Montmorency

Revision Date: July 16, 2012

Stand Examiner: Chad Fate

Legal Description: T32N, R3E, SECS. 3, 4, 9, 10, & 15.

Management Area: Thunder Bay Outwash

Management Goals: Wildlife, massasauga rattlesnake habitat, old growth, and timber.

Soil and Topography: Glacial eskers and till fields separate lowlands. Soils range from wet mucks to sorted gravel.

Ownership Patterns, Development, and Land Use in and Around the Compartment: State land surrounding with private ownership to the north.

Unique, Natural Features (include only non-site specific and non-sensitive information): Several species occurrences noted with others possible.

Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information): None Listed. However, glacial eskers may contain historic sites.

Special Management Designations or Considerations: Potential old growth.

Watershed and Fisheries Considerations: Headwaters for the Rainey River. The Rainey River Flooding.

Wildlife Habitat Considerations: Compartment 68 consists of large wetland areas ranging from open water and marsh to swamp along with upland ridges dominated by aspen and pine. This compartment contains the Rainey River Flooding, which is managed by the Wildlife Division for values to rare wildlife including eastern massasauga rattlesnake, American bittern, black tern, in addition to more common species like waterfowl and beaver. This compartment is rich habitat for black bear, bobcat, white-tailed deer, woodcock, and ruffed grouse as well as multiple amphibian and reptile species and songbirds.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of coarse-textured glacial till. The glacial drift thickness varies between 200 and 600 feet. Beneath the glacial drift is the Devonian Traverse Group, which is quarried for limestone and cement products. The nearest gravel pit is one mile to the southeast and the potential in the compartment is considered good. This area has had limited drilling for oil and gas. The Antrim Shale is absent in this area and drilling is unlikely. There are no leases for oil & gas in the compartment.

Vehicle Access: Adequate, a new culvert was installed improving access to the dam.

Survey Needs: No surveys are needed at this time.

Recreational Facilities and Opportunities: Hunting, fishing, and wildlife viewing.

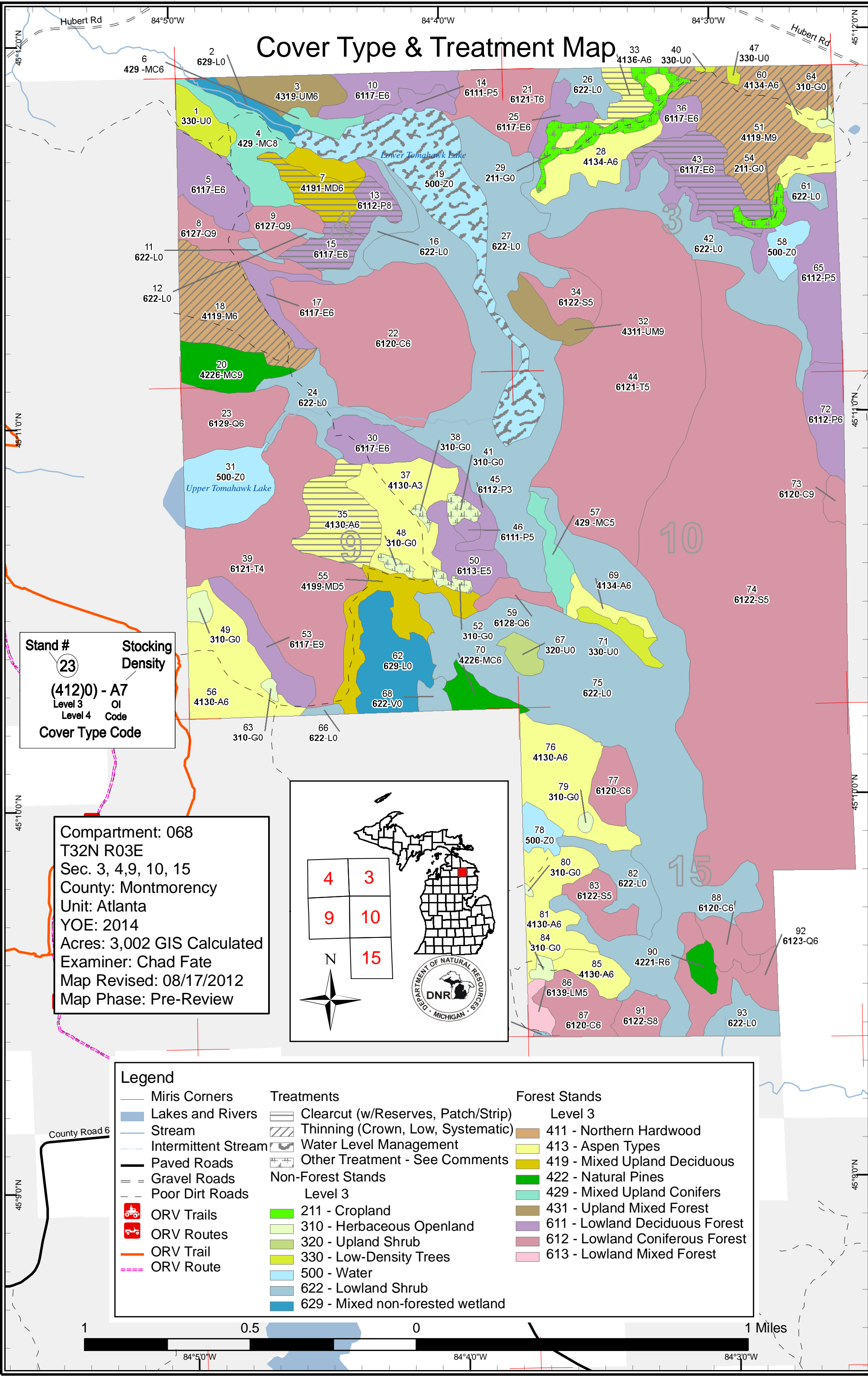
Fire Protection: Adequate.

Additional Compartment Information: ORV use common here, even though there is no trail system.

- **The following 5 reports from the Operations Inventory System (OIPC) are attached:**
 - ◆ **Cover Type by Age Class**
 - ◆ **Cover Type by Management Objective**
 - ◆ **Compartment Volume Summary**
 - ◆ **Proposed Treatments – No Limiting Factors**
 - ◆ **Proposed Treatments – With Limiting Factors**

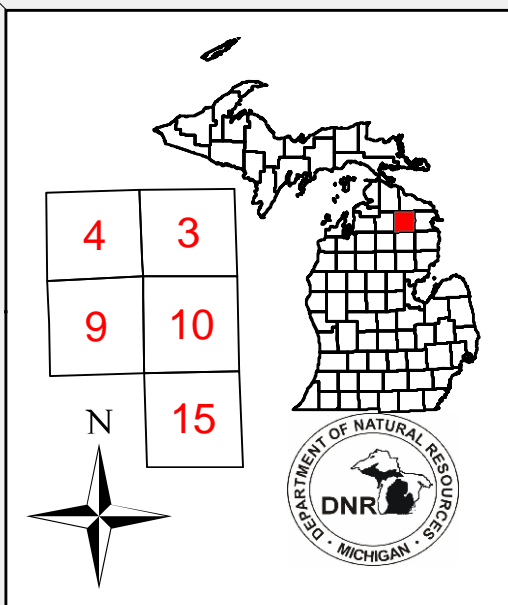
- **The following information is displayed, where pertinent, on the attached compartment maps:**
 - ◆ **Base feature information, stand numbers, cover types**
 - ◆ **Proposed treatments**
 - ◆ **Proposed road access system**
 - ◆ **Suggested potential old growth**

Cover Type & Treatment Map

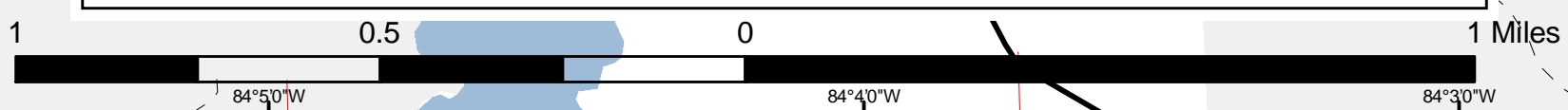


Stand # **23**
(4120) - A7
 Level 3 OI
 Level 4 Code
 Cover Type Code

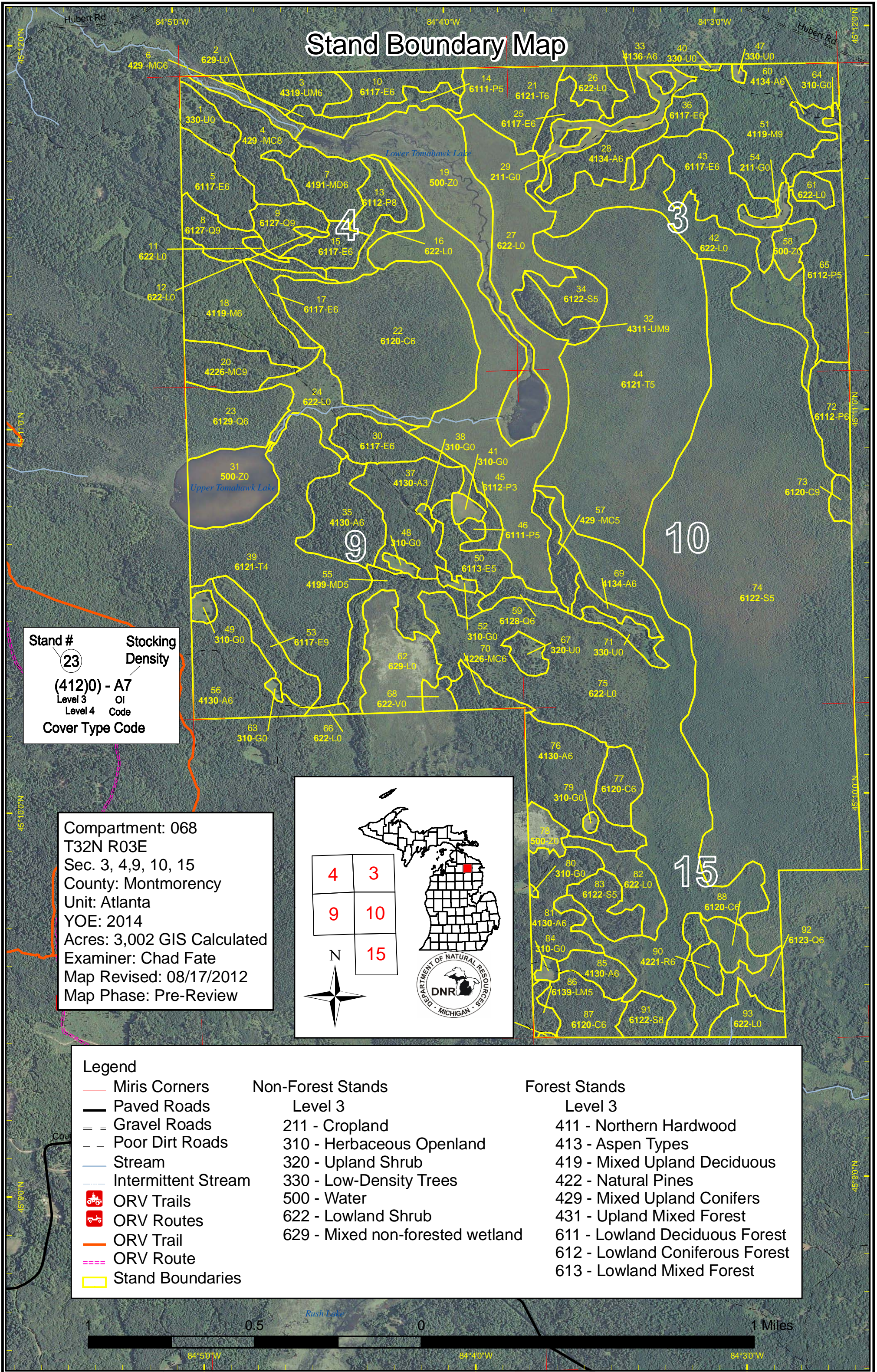
Compartment: 068
 T32N R03E
 Sec. 3, 4, 9, 10, 15
 County: Montmorency
 Unit: Atlanta
 YOE: 2014
 Acres: 3,002 GIS Calculated
 Examiner: Chad Fate
 Map Revised: 08/17/2012
 Map Phase: Pre-Review



Legend		Treatments		Forest Stands	
	Miris Corners		Clearcut (w/Reserves, Patch/Strip)		Level 3
	Lakes and Rivers		Thinning (Crown, Low, Systematic)		411 - Northern Hardwood
	Stream		Water Level Management		413 - Aspen Types
	Intermittent Stream		Other Treatment - See Comments		419 - Mixed Upland Deciduous
	Paved Roads		Non-Forest Stands		422 - Natural Pines
	Gravel Roads		Level 3		429 - Mixed Upland Conifers
	Poor Dirt Roads		211 - Cropland		431 - Upland Mixed Forest
	ORV Trails		310 - Herbaceous Openland		611 - Lowland Deciduous Forest
	ORV Routes		320 - Upland Shrub		612 - Lowland Coniferous Forest
	ORV Trail		330 - Low-Density Trees		613 - Lowland Mixed Forest
	ORV Route		500 - Water		
			622 - Lowland Shrub		
			629 - Mixed non-forested wetland		

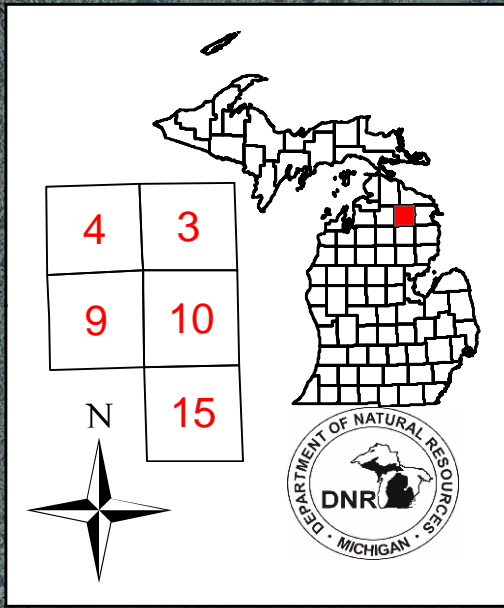


Stand Boundary Map

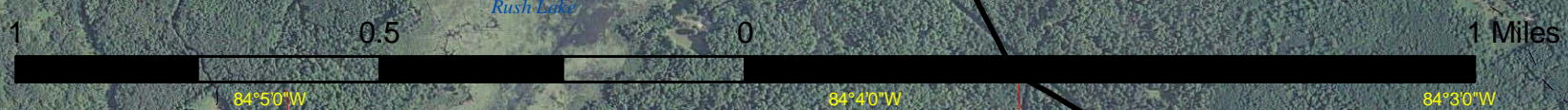


Stand # **23**
 Stacking Density
(4120) - A7
 Level 3 OI
 Level 4 Code
 Cover Type Code

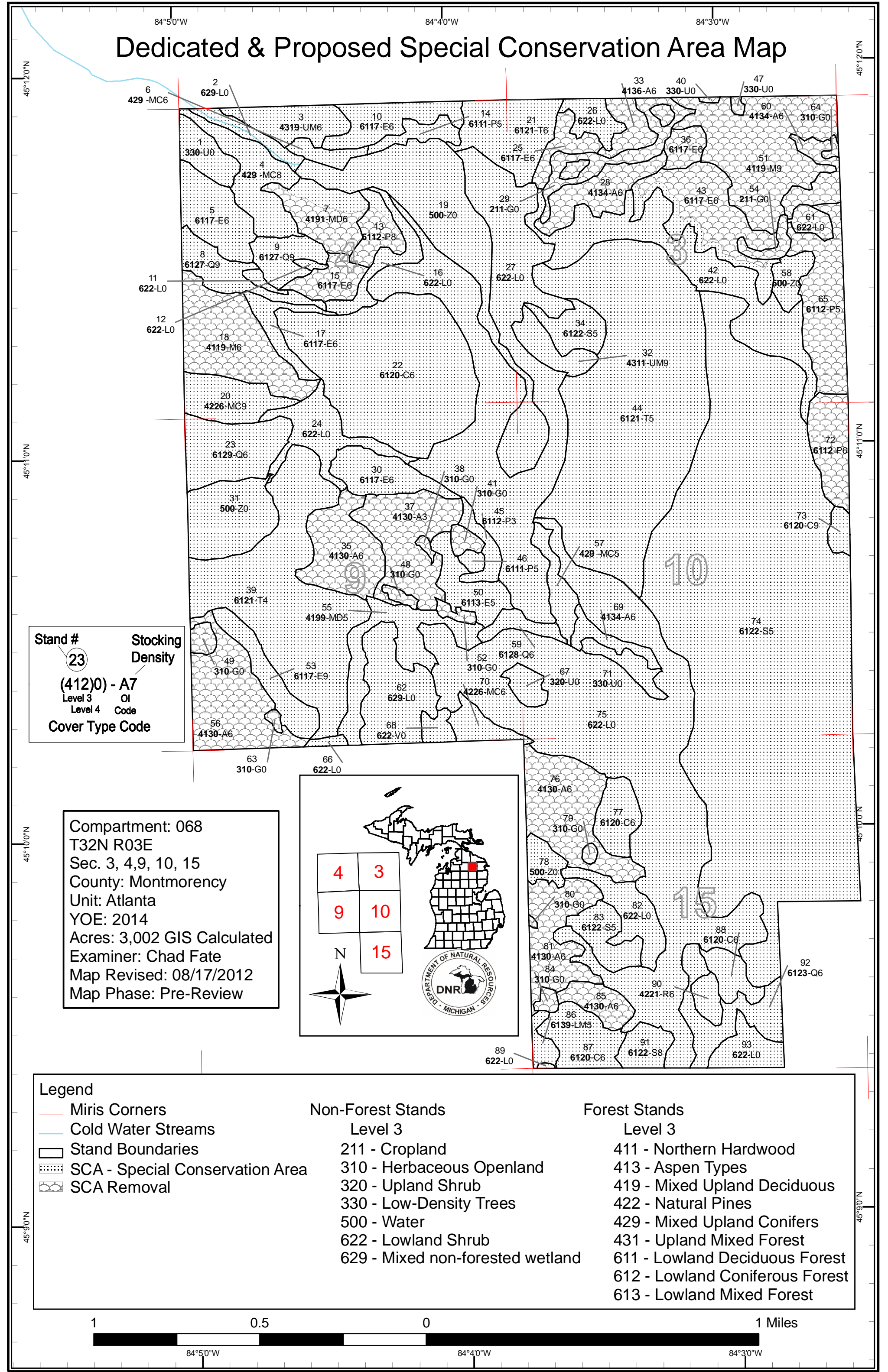
Compartment: 068
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 County: Montmorency
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 Acres: 3,002 GIS Calculated
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Legend		Non-Forest Stands	Forest Stands
	Miris Corners	Level 3	Level 3
	Paved Roads	211 - Cropland	411 - Northern Hardwood
	Gravel Roads	310 - Herbaceous Openland	413 - Aspen Types
	Poor Dirt Roads	320 - Upland Shrub	419 - Mixed Upland Deciduous
	Stream	330 - Low-Density Trees	422 - Natural Pines
	Intermittent Stream	500 - Water	429 - Mixed Upland Conifers
	ORV Trails	622 - Lowland Shrub	431 - Upland Mixed Forest
	ORV Routes	629 - Mixed non-forested wetland	611 - Lowland Deciduous Forest
	ORV Trail		612 - Lowland Coniferous Forest
	ORV Route		613 - Lowland Mixed Forest
	Stand Boundaries		

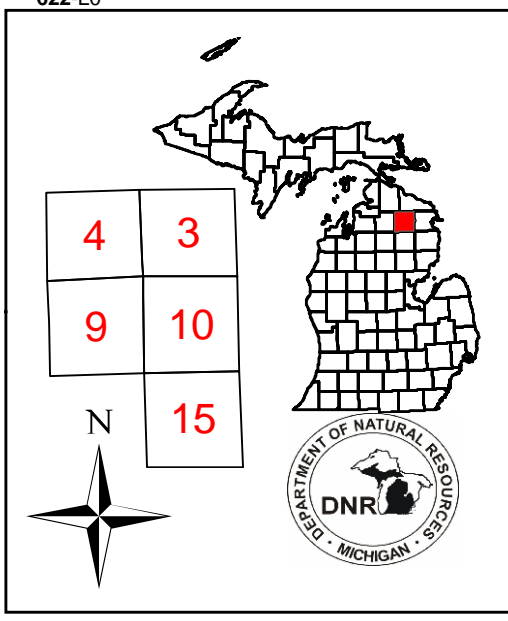


Dedicated & Proposed Special Conservation Area Map



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

Compartment: 068
 T32N R03E
 Sec. 3, 4, 9, 10, 15
 County: Montmorency
 Unit: Atlanta
 YOE: 2014
 Acres: 3,002 GIS Calculated
 Examiner: Chad Fate
 Map Revised: 08/17/2012
 Map Phase: Pre-Review



Legend		Non-Forest Stands Level 3		Forest Stands Level 3	
	Miris Corners	211 - Cropland	411 - Northern Hardwood		
	Cold Water Streams	310 - Herbaceous Openland	413 - Aspen Types		
	Stand Boundaries	320 - Upland Shrub	419 - Mixed Upland Deciduous		
	SCA - Special Conservation Area	330 - Low-Density Trees	422 - Natural Pines		
	SCA Removal	500 - Water	429 - Mixed Upland Conifers		
		622 - Lowland Shrub	431 - Upland Mixed Forest		
		629 - Mixed non-forested wetland	611 - Lowland Deciduous Forest		
			612 - Lowland Coniferous Forest		
			613 - Lowland Mixed Forest		

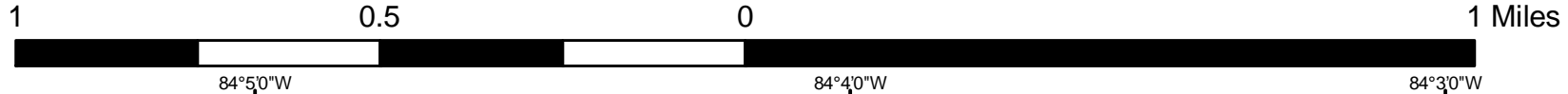


Table 1 – Total Acres by Cover Type and Age Class



	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	0	0	43	67	93	72	0	0	0	0	0	0	0	0	275
Bog	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Cedar	0	0	0	0	0	0	0	0	0	0	160	5	16	0	181
Cropland	24	0	0	0	0	0	0	0	0	0	0	0	0	0	24
Herbaceous Openland	22	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Low-Density Trees	24	0	0	0	0	0	0	0	0	0	0	0	0	0	24
Lowland Aspen/Balsam Poplar	0	0	8	3	31	39	0	13	0	0	0	0	0	0	94
Lowland Conifers	0	0	0	0	8	0	26	0	53	0	0	15	0	0	102
Lowland Deciduous	0	0	8	22	78	37	0	32	0	19	0	0	0	0	197
Lowland Mixed Forest	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
Lowland Shrub	683	0	0	0	0	0	0	0	0	0	0	0	0	0	683
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	11	16	530	0	0	0	557
Mixed Upland Deciduous	0	0	0	0	0	0	26	0	0	32	0	0	0	0	57
Natural Mixed Pines	0	0	0	0	10	0	0	0	22	0	0	0	0	0	32
Northern Hardwood	0	0	0	0	0	0	0	0	50	73	0	0	0	0	123
Red Pine	0	0	0	0	0	0	0	0	0	0	0	7	0	0	7
Tamarack	0	0	0	0	0	0	0	124	0	35	228	0	0	0	387
Upland Conifers	0	0	0	19	0	0	0	0	0	0	30	0	0	0	48
Upland Mixed Forest	0	0	0	0	20	0	0	0	0	0	13	0	0	0	33
Upland Shrub	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Water	139	0	0	0	0	0	0	0	0	0	0	0	0	0	139
Total	903	0	60	110	245	149	52	169	136	176	961	27	16	0	3002



Table 2 – Proposed Treatment Summaries

Atlanta Mgt. Unit
Year of Entry 2014

Compartment 068
Total Compartment Acres: 3002

Acres by Treatment Type

Commercial Harvest - 242	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 12	Tree Seeding - 0	Pesticide - 0	

Cover Type by Harvest Method

		Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Aspen	45	0	0	0	0	0		45
Lowland Aspen/Balsam Poplar	11	0	0	0	0	0		11
Lowland Deciduous	45	0	0	0	0	0		45
Mixed Upland Deciduous	18	0	0	0	0	0		18
Northern Hardwood	0	0	0	0	123	0		123
Total	119	0	0	0	123	0		242



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
	54068007-Cut	17.6					Harvest	Clearcut with Reserves	4139 - Aspen, Mixed Deciduous	Cmpt. Review Proposal
	<u>Prescription</u> Clearcut, leave all red and white pine and red oak. Retention is left in a buffer along the Rainy flooding. No need for additional retention. Use									
	<u>Specs:</u> Grouse drumming log spec.									
	<u>Other</u>									
	<u>Comments:</u>									
	<u>Next</u> Acceptable regeneration is a medium to high density mix of aspen, birch, and red maple and with components of red oak, white pine and balsam									
	<u>Steps:</u> fir included.									
	<u>Proposed</u>									
	<u>Start Date:</u> 10/01/2013									
	54068013-Cut	10.5					Harvest	Clearcut with Reserves	6112 - Lowland Aspen	Cmpt. Review Proposal
	<u>Prescription</u> Clearcut, leave all red and white pine and red oak. Retention is left in a buffer along the Rainy flooding and the tag alder swamp on the east. No									
	<u>Specs:</u> need for additional retention. Use grouse drumming log spec.									
	<u>Other</u>									
	<u>Comments:</u>									
	<u>Next</u> Acceptable regeneration is a medium to high density mix of aspen, red maple, and balsam fir.									
	<u>Steps:</u>									
	<u>Proposed</u>									
	<u>Start Date:</u> 10/01/2013									
	54068015-Cut	13.6					Harvest	Clearcut with Reserves	4136 - Aspen, Mixed Conifer	Cmpt. Review Proposal
	<u>Prescription</u> Clearcut, leave all red and white pine and red oak. Leave retention in one pocket 0.5-1 acre in size. Use grouse drumming log spec.									
	<u>Specs:</u>									
	<u>Other</u>									
	<u>Comments:</u>									
	<u>Next</u> Acceptable regeneration is a medium to high density mix of aspen, red maple, balsam fir, and pine.									
	<u>Steps:</u>									
	<u>Proposed</u>									
	<u>Start Date:</u> 10/01/2013									
	54068018-Cut	49.7					Harvest	Crown Thinning	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal
	<u>Prescription</u> Thin stand to 70-90 BA. Release crop trees and remove poor quality. Follow current emerald ash borer and beech bark disease guidance when									
	<u>Specs:</u> marking. Leave any aspen. Mark a few scattered ash and beech to leave for future snag trees.									
	<u>Other</u>									
	<u>Comments:</u>									
	<u>Next</u>									
	<u>Steps:</u>									
	<u>Proposed</u>									
	<u>Start Date:</u> 10/01/2013									
	54068033- Cut_exp-0	10.7					Harvest	Clearcut with Reserves	4136 - Aspen, Mixed Conifer	Cmpt. Review Proposal
	<u>Prescription</u> Harvest all trees. Retention is left as an Island in the middle of the wildlife opening, no additional retention is needed. Use grouse drumming log									
	<u>Specs:</u> spec.									
	<u>Other</u>									
	<u>Comments:</u>									
	<u>Next</u> Acceptable regeneration is a mix of midium to high density aspen, balsam poplar, white pine, and balsam fir.									
	<u>Steps:</u>									
	<u>Proposed</u>									
	<u>Start Date:</u> 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
	54068035-Cut	34.5					Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> Harvest all species and leave one retention island 1.5-3 acres in size. Use grouse drumming log spec.										
<u>Specs:</u>										
<u>Other Comments:</u>										
<u>Next Steps:</u> Acceptable regen is medium to high density aspen with a mix of balsam fir, paper birch, and red maple present.										
<u>Proposed Start Date:</u> 10/01/2013										
	54068043-Cut	31.8					Harvest	Clearcut with Reserves	6111 - Lowland Balsam Poplar	Cmpt. Review Proposal
<u>Prescription</u> Clearcut and leave all white pine. Retention is left in a buffer along the tag alder stand to the south. Also, paint out and leave any wet inoperable										
<u>Specs:</u> pockets. no additional retention is needed. Limit operation to cold frozen months or dry summer months. Use grouse drumming logs spec.										
<u>Other Comments:</u> Berm/block t-track between stand 43 and 51 when harvest is complete.										
<u>Next Steps:</u> Acceptable regeneration is a mix of midium to high density aspen, balsam poplar, and spruce/fir.										
<u>Proposed Start Date:</u> 10/01/2013										
	54068051-Cut	73.4					Harvest	Crown Thinning	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal
<u>Prescription</u> Thin stand to 70-90 BA. Release crop trees and remove poor quality. Follow current emerald ash borer and beech bark disease guidance when										
<u>Specs:</u> marking. Leave any aspen. Mark a few scattered ash and beech to leave for future snag trees.										
<u>Other Comments:</u> Berm/block t-track between stand 43 and 51 when harvest is complete.										
<u>Next Steps:</u>										
<u>Proposed Start Date:</u> 10/01/2013										
29	NF_54068029- NonFor	18.5	2113 - Forage Crops				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>										
<u>Other Comments:</u>										
<u>Next Steps:</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Proposed Start Date:</u> Unspecified										
38	NF_54068038- NonFor	1.3	3102 - Grass				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>										
<u>Other Comments:</u>										
<u>Next Steps:</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Proposed Start Date:</u> 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
41	NF_54068041- NonFor	4.1	3102 - Grass				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>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
48	NF_54068048- NonFor	2.3	3102 - Grass				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>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
52	NF_54068052- NonFor	2.9	3102 - Grass				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>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
54	NF_54068054- NonFor	5.1	2113 - Forage Crops				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>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										

**Total Treatment
Acreage Proposed: 276.0**

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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
19 NF_54068019- NonFor	86.4	50 - Water				Non-Forest Management	Water Level Management	50 - Water	Cmpt. Review Proposal

Prescription Draw-down to allow vegetation to become re-established along flooding edge
Specs:

Other
Comment:

Next Re-flood according to plan specifications
Steps:

Proposed
Start Date: Unspecified

Limiting Factor and No 3A: Potential old growth / biodiversity
Treatment Reason

**Total Treatment
 Acreage Proposed: 86.4**

**Out of YOE -- Treatments
Prescribed with No Limiting Factor**

Year of Entry: 2014



Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
54002031-N-CCR Burn/Scarify	2.9	42220 - Natural Jack Pine	High Density Pole	69		Harvest	Clearcut with Reserves	42121 - Planted Jack Pine, Mixed Deciduous	Cmpt. Review Proposal - Incomplete

Prescription Do not cut red pine, white pine, oak. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole.

Other Comments:

Next Steps: Post harvest: if this treatment falls inside of a BSA, then burn or scarify before planting jack pine. When planting, attempt to avoid the use of trenching. If the treatment is not inside a BSA, plant jack pine.

Proposed Start Date: 10/01/2010

54002031-N-CCR Burn/Scarify	2.9	42220 - Natural Jack Pine	High Density Pole	69		Harvest	Clearcut with Reserves	42121 - Planted Jack Pine, Mixed Deciduous	Cmpt. Review Proposal - Incomplete
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Prescription Do not cut red pine, white pine, oak. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole.

Other Comments:

Next Steps: Post harvest: if this treatment falls inside of a BSA, then burn or scarify before planting jack pine. When planting, attempt to avoid the use of trenching. If the treatment is not inside a BSA, plant jack pine.

Proposed Start Date: 10/01/2010

**Total Treatment
Acreage Proposed: 5.8**

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Atlanta Mgt. Unit

5 – Forested Stands

Compartment: 068
Year of Entry: 2014

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
3	4319 - Mixed Upland Forest	High Density Pole	20.0	42	1-50	
4	429 - Mixed Upland Conifers	Medium Density Log	29.5	102	81-110	
5	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	26.7	53		
6	429 - Mixed Upland Conifers	High Density Pole	6.9	35	111-140	New stand added.
7	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	25.9	65	141-170	
8	6127 - Lowland Pine	High Density Log	18.8	82	141-170	
9	6127 - Lowland Pine	High Density Log	15.4	117	1-50	
10	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	21.5	35	81-110	
13	6112 - Lowland Aspen	Medium Density Log	13.2	74	81-110	New stand added.
14	6111 - Lowland Balsam Poplar	Medium Density Pole	8.6	41	51-80	
15	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	13.6	77	51-80	New stand added.
17	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	11.3	44		
18	4119 - Mixed Northern Hardwoods	High Density Pole	49.7	83	111-140	
20	42260 - Natural Pine, Mixed Deciduous	High Density Log	22.4	87	141-170	red and white pines are really tall 90+ ft
21	6121 - Tamarack	High Density Pole	35.0	99		
22	6120 - Lowland Cedar	High Density Pole	126.8	104	141-170	more tamarack to the east
23	6129 - Mixed Coniferous Lowland Forest	High Density Pole	34.0	89		New stand added.

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Atlanta Mgt. Unit

5 – Forested Stands

Compartment: 068
Year of Entry: 2014

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
25	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	10.5	52	81-110	
28	4134 - Aspen, Spruce/Fir	High Density Pole	24.5	50	141-170	
30	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	21.4	44	51-80	
32	4311 - Pine, Aspen Mix	High Density Log	13.2	109		Large red and white pines with aspen and red maple scattered throughout. Can see the large pines from a distance. only access is by water.
33	4136 - Aspen, Mixed Conifer	High Density Pole	12.8	55	111-140	
34	6122 - Black Spruce	Medium Density Pole	14.6	109		Stand is part of an island surrounded by water and swamp, mostly black spruce.
35	4130 - Aspen	High Density Pole	34.5	53	111-140	
36	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	8.3	23	81-110	New stand added.
37	4130 - Aspen	High Density Sapling	43.2	24		
39	6121 - Tamarack	Low Density Pole	123.8	77		Some black spruce and cedar pockets throughout the stand. Mostly tamarack
43	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	45.7	44	111-140	
44	6121 - Tamarack	Medium Density Pole	228.0	109		tag alder with tamarack and black spruce
45	6112 - Lowland Aspen	High Density Sapling	8.1	24		pockets of tag alder
46	6111 - Lowland Balsam Poplar	Medium Density Pole	2.5	38	51-80	New stand added.
50	6113 - Lowland Maple	Medium Density Pole	18.2	73	51-80	
51	4119 - Mixed Northern Hardwoods	High Density Log	73.4	98	111-140	
53	6117 - Lowland Deciduous, Mixed Coniferous	High Density Log	19.4	94	51-80	

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Atlanta Mgt. Unit

5 – Forested Stands

Compartment: 068
Year of Entry: 2014

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4199 - Other Mixed Upland Deciduous	Medium Density Pole	31.6	92	51-80	
4130 - Aspen	High Density Pole	47.6	46	111-140	
429 - Mixed Upland Conifers	Medium Density Pole	11.9	35	51-80	New stand added.
6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	7.6	49		
4134 - Aspen, Spruce/Fir	High Density Pole	12.7	42	81-110	
6112 - Lowland Aspen	Medium Density Pole	39.5	56	51-80	
4134 - Aspen, Spruce/Fir	High Density Pole	8.1	38	111-140	New stand added.
42260 - Natural Pine, Mixed Deciduous	High Density Pole	10.0	46	81-110	Rolling terrain, mainly white pine with clumps of small diameter aspen. More red maple in the eastern part of stand.
6112 - Lowland Aspen	High Density Pole	22.2	47	81-110	
6120 - Lowland Cedar	High Density Log	5.2	113	200+	
6122 - Black Spruce	Medium Density Pole	515.4	109		Standing water, slow growing and stagnant trees. Black ash is dead or dying.
4130 - Aspen	High Density Pole	46.6	34	111-140	Scattered basswood and white spruce. Lower areas have more spruce and fir present
6120 - Lowland Cedar	High Density Pole	15.9	122	141-170	Standing water throughout the stand
4130 - Aspen	High Density Pole	33.0	41	81-110	
6122 - Black Spruce	Medium Density Pole	16.3	96	111-140	very wet with pockets of tag alder
4130 - Aspen	High Density Pole	12.1	37	81-110	
6139 - Mixed Lowland Forest	Medium Density Pole	5.3	49	51-80	Lowland mix with pockets of log sized cedar and pockets of aspen.

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Atlanta Mgt. Unit

5 – Forested Stands

Compartment: 068
Year of Entry: 2014

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
87	6120 - Lowland Cedar	High Density Pole	22.1	107	111-140	tag alder and dying black ash throughout. More aspen and balsam fir near the edge.
88	6120 - Lowland Cedar	High Density Pole	11.1	102	111-140	Lowland cedar, no access
90	42210 - Natural Red Pine	High Density Pole	6.6	116	171-200	
91	6122 - Black Spruce	Medium Density Log	11.2	81	111-140	Access to the stand is wet
92	6123 - Lowland Fir	High Density Pole	26.4	68	51-80	very wet



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
1	3303 - Mixed Low Density Trees	13.3	N/A	Unspecified	scatered cherry
2	629 - Mixed non-forested wetland	8.7	N/A	Unspecified	Rainy river downstream from the dam. mixed wetland shrubs, dead standing trees and scattered conifers.
11	6229 - Mixed lowland shrub	2.3	N/A	Unspecified	New stand added. alder, willow, scattered lowland conifers
12	6220 - Alder/willow	1.4	N/A	Unspecified	New stand added.
16	6229 - Mixed lowland shrub	13.5	N/A	Unspecified	mostly tag alder with scattered lowland conifers.
19	50 - Water	86.4	N/A	Unspecified	
24	6223 - Inundated Shrub Swamp	24.8	N/A	Unspecified	Standing and flowing water troughout the stand. Tag alder,, dogwood, willow and other wetland shrubs and grasses throughout the stand. Also some standing dead trees. -Consider blocking the Rd on both sides of the wetland once the north access rd to the dam is fixed and accessible.
26	6223 - Inundated Shrub Swamp	10.4	N/A	Unspecified	standing water with some beaver activity. mostly tag alder and other shrubs with some balsam poplar and standing dead trees.
27	6220 - Alder/willow	188.7	N/A	Unspecified	flood plain some scattered tamaracks
29	2113 - Forage Crops	18.5	N/A	Unspecified	
31	50 - Water	34.9	N/A	Unspecified	
38	3102 - Grass	1.3	N/A	Unspecified	New stand added. some scattered aspen clumps
40	3303 - Mixed Low Density Trees	0.6	N/A	Unspecified	Mostly grass with scattered low density trees
41	3102 - Grass	4.1	N/A	Unspecified	
42	6223 - Inundated Shrub Swamp	71.1	N/A	Unspecified	wet with tag alder and scattered tamarack
47	3303 - Mixed Low Density Trees	1.2	N/A	Unspecified	
48	3102 - Grass	2.3	N/A	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
49	3102 - Grass	4.0	N/A	Unspecified	autum olive present
52	3102 - Grass	2.9	N/A	Unspecified	
54	2113 - Forage Crops	5.1	N/A	Unspecified	
58	50 - Water	9.3	N/A	Unspecified	Beaver activity, standing water with mixed lowland shrubs and scattered low density lowland trees
61	6229 - Mixed lowland shrub	6.1	N/A	Unspecified	Tag Alder
62	629 - Mixed non-forested wetland	37.5	N/A	Unspecified	cattails, tag alder, an dead standing timber. intermitant flooding
63	3102 - Grass	1.4	N/A	Unspecified	bracken t fern
64	3102 - Grass	1.2	N/A	Unspecified	
66	6223 - Inundated Shrub Swamp	2.0	N/A	Unspecified	Mostly tag alder with some black ash and fir
67	3205 - Mixed Upland Shrub	7.1	N/A	Unspecified	Mostly open high spot sourounded by lowland tag alder stand
68	6225 - Bog	5.2	N/A	Unspecified	dead and dying black spruce
71	3303 - Mixed Low Density Trees	8.7	N/A	Unspecified	scattered aspen, cherry, and fir
75	6223 - Inundated Shrub Swamp	281.3	N/A	Unspecified	Mostly tag alder and other lowland shrubs, some staning water and dead trees.
78	50 - Water	8.3	N/A	Unspecified	
79	3102 - Grass	1.4	N/A	Unspecified	
80	3102 - Grass	0.4	N/A	Unspecified	
82	6229 - Mixed lowland shrub	20.2	N/A	Unspecified	mostly tag alder with scattered black spruce, tamarack, and dead/dying black ash.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
84	3102 - Grass	2.6	N/A	Unspecified	
89	6229 - Mixed lowland shrub	0.4	N/A	Unspecified	water with dead spruce and scattered tag alder and cattails
93	6223 - Inundated Shrub Swamp	14.1	N/A	Unspecified	tag alder, beaver activity



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
multiple - see	Unique Site - SCA	54068000_SCA	2405.3	The conservation values Includes potential old growth, unique glacial ridges through wetlands, and rich conifer swamps will be preserved throughout these stands.
multiple - see	SCA Removal	54068001-SCA_island	88.3	This was listed as potential old growth. It does not fit the current old growth criteria. Other areas within this compartment are set aside as potential old growth and protected for biodiversity.
multiple - see	SCA Removal	54068001-SCA_island_1	41.7	This was listed as potential old growth. It does not fit the current old growth criteria. Other areas within this compartment are set aside as potential old growth and protected for biodiversity.
multiple - see	SCA Removal	54068001-SCA_small	48.1	This was listed as potential old growth. It does not fit the current old growth criteria. Other areas within this compartment are set aside as potential old growth and protected for biodiversity.
multiple - see	SCA Removal	54068001-SCA_small_1	48.0	This was listed as potential old growth. It does not fit the current old growth criteria. Other areas within this compartment are set aside as potential old growth and protected for biodiversity.
multiple - see	SCA Removal	54068001-SCA_small_2	53.0	This was listed as potential old growth. It does not fit the current old growth criteria. Other areas within this compartment are set aside as potential old growth and protected for biodiversity.
multiple - see	SCA Removal	54068001-SCA_small_3	49.6	This was listed as potential old growth. It does not fit the current old growth criteria. Other areas within this compartment are set aside as potential old growth and protected for biodiversity.
multiple - see	SCA Removal	54068001-SCA_small_4	268.5	This was listed as potential old growth. It does not fit the current old growth criteria. Other areas within this compartment are set aside as potential old growth and protected for biodiversity.
19	Unique Site - SCA	NF_54068019_Edt	86.4	This stand should be an SCA because it is a State Wildlife Management Area.



8 – DEDICATED CONSERVATION AREA DETAILS

* This is a list of Dedicated Biodiversity Areas for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to Dedicated Conservation Area Map for areas that the below listed Conservation Areas are located.

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

Conservation Area	Type	Description
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.