



Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 58

Entry Year 2015

Acreage: 1,702

County Montmorency

Management Area: Thunder Bay Outwash

Revision Date: 06/18/2013

Stand Examiner: Richard Barber

Legal Description:

T31N, R04E, Sec. 29, 30, 31 & 32

Identified Planning Goals:

State forest management.

Soil and topography:

The bulk of soil is Grayling sand. This produces PVCd and PARVHa habitat types. The east, west and south sides of the compartment are often PARVCo and wetland.

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

Land to the west is mostly farms. To the east are hunting camps, farms and private residences. North and south are other state land.

Unique Natural Features:

Archeological, Historical, and Cultural Features:

There are known concerns within the compartment. All proposed management activities have taken these concerns into consideration.

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

Miller Creek is a cold water stream.

Wildlife Habitat Considerations:

Though not part of the Kirtland's warbler management area, potential exists for the species to be present in spring and summer. Other featured species in this compartment include white-tailed deer, wild turkey, and ruffed grouse. The forests in this compartment are relatively young and provide habitat for early-successional species. Openings should be maintained to provide variety of habitat types.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium and coarse-textured glacial till. Glacial drift thickness varies between 200 and 600 feet. Beneath the glacial drift are the Mississippian Coldwater and Sunbury Shales and the Devonian Berea Sandstone and Bedford and Antrim Shales. The Antrim is quarried for clay/shale elsewhere in the State. The nearest gravel pit is located just to the northeast and potential appears to be good on upland areas. The compartment has been drilled and is producing from the Antrim Shale.

Vehicle Access:

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

Survey Needs:

Surveys may be needed for treatments in stands 55, 63 and 73.

Recreational Facilities and Opportunities:

This compartment provides access to Sucker Lake.

Fire Protection:

Adequate.

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**

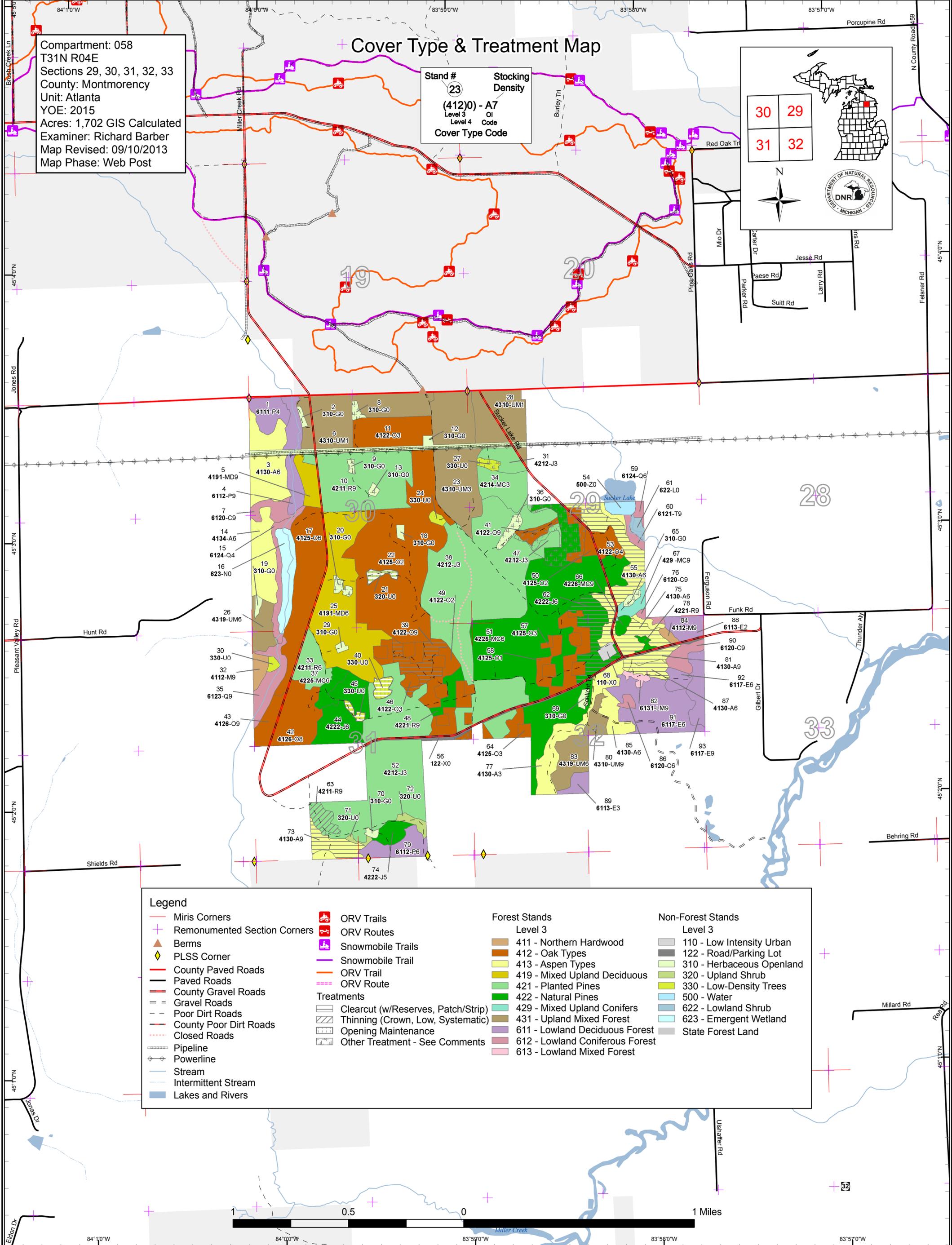
The following information is displayed, where pertinent, on the attached compartment maps:

- 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: 058
 T31N R04E
 Sections 29, 30, 31, 32, 33
 County: Montmorency
 Unit: Atlanta
 YOE: 2015
 Acres: 1,702 GIS Calculated
 Examiner: Richard Barber
 Map Revised: 09/10/2013
 Map Phase: Web Post

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



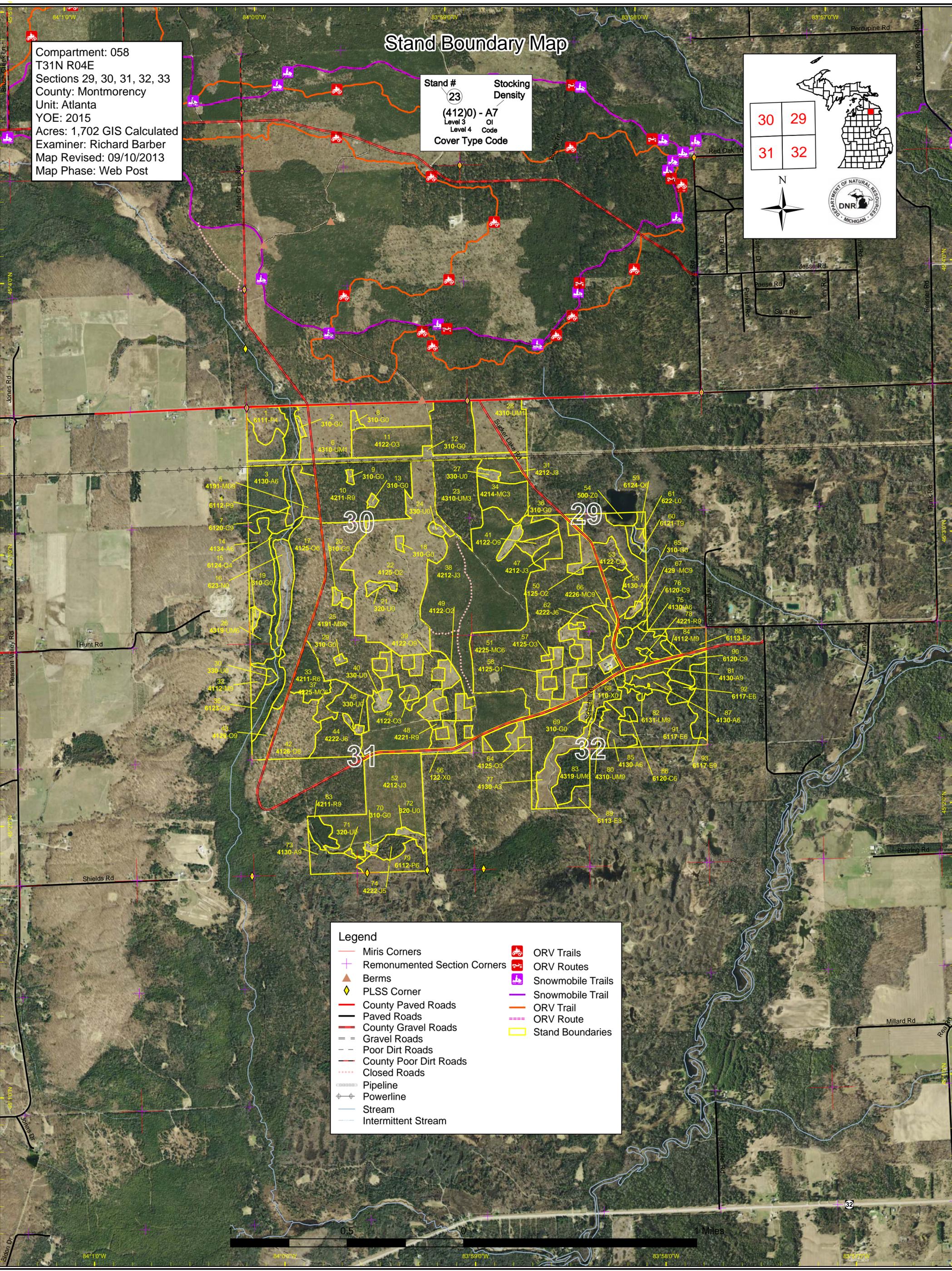
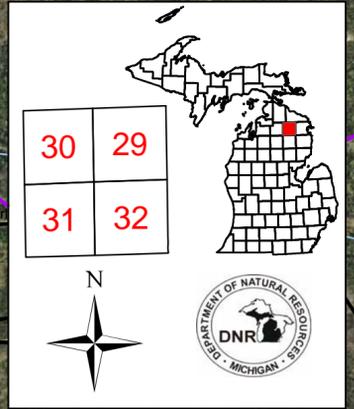
Legend		Forest Stands		Non-Forest Stands	
—+—	Miris Corners	Level 3		Level 3	
—+—	Remonumented Section Corners	411 - Northern Hardwood		110 - Low Intensity Urban	
▲	Berms	412 - Oak Types		122 - Road/Parking Lot	
◆	PLSS Corner	413 - Aspen Types		310 - Herbaceous Openland	
—	County Paved Roads	419 - Mixed Upland Deciduous		320 - Upland Shrub	
—	Paved Roads	421 - Planted Pines		330 - Low-Density Trees	
—	County Gravel Roads	422 - Natural Pines		500 - Water	
—	Gravel Roads	429 - Mixed Upland Conifers		622 - Lowland Shrub	
—	Poor Dirt Roads	431 - Upland Mixed Forest		623 - Emergent Wetland	
—	County Poor Dirt Roads	611 - Lowland Deciduous Forest		State Forest Land	
—	Closed Roads	612 - Lowland Coniferous Forest			
—	Pipeline	613 - Lowland Mixed Forest			
—	Powerline				
—	Stream				
—	Intermittent Stream				
—	Lakes and Rivers				
—	ORV Trails				
—	ORV Routes				
—	Snowmobile Trails				
—	Snowmobile Trail				
—	ORV Trail				
—	ORV Route				
—	Treatments				
—	Clearcut (w/Reserves, Patch/Strip)				
—	Thinning (Crown, Low, Systematic)				
—	Opening Maintenance				
—	Other Treatment - See Comments				



Stand Boundary Map

Compartment: 058
 T31N R04E
 Sections 29, 30, 31, 32, 33
 County: Montmorency
 Unit: Atlanta
 YOY: 2015
 Acres: 1,702 GIS Calculated
 Examiner: Richard Barber
 Map Revised: 09/10/2013
 Map Phase: Web Post

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



Legend

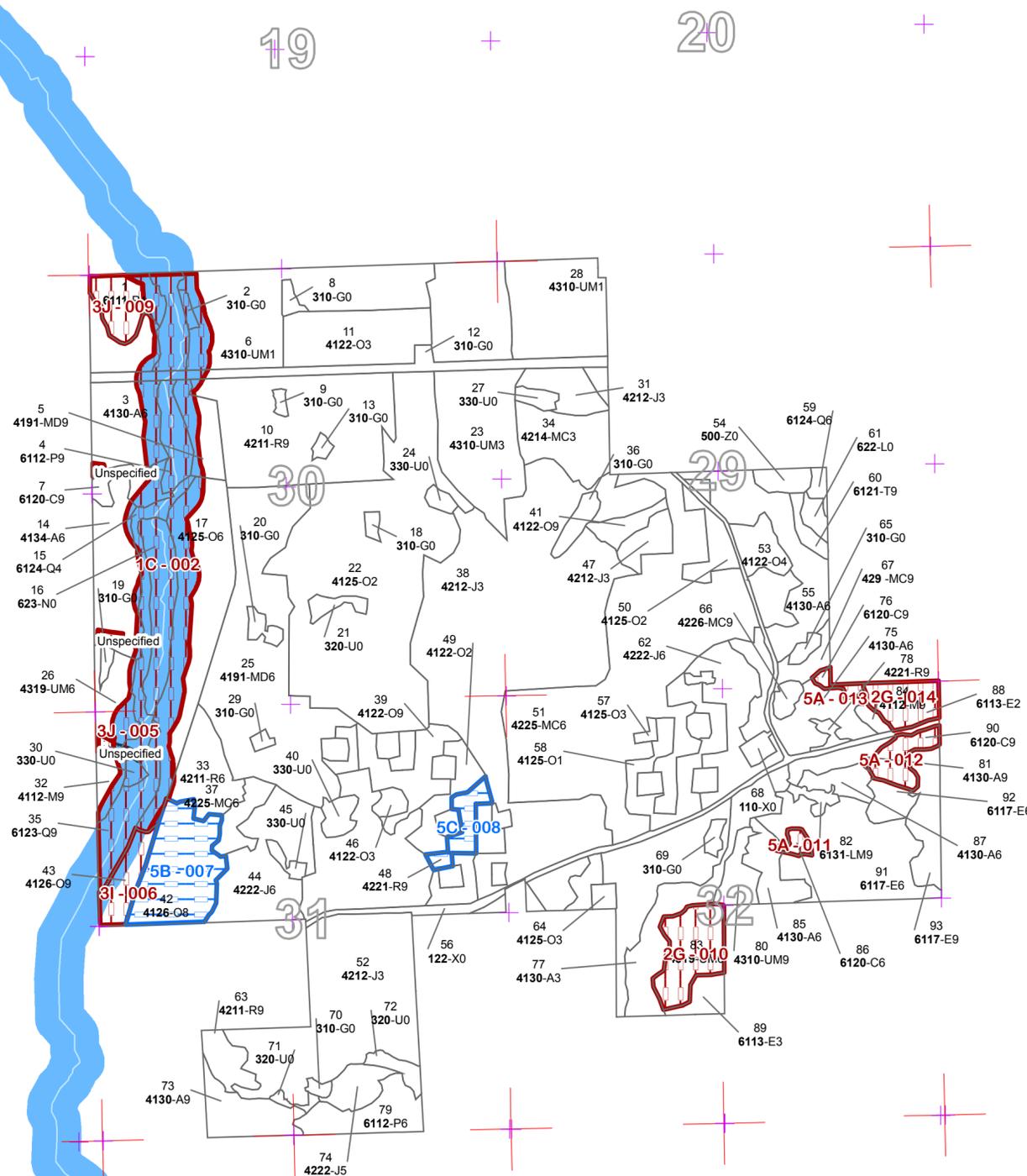
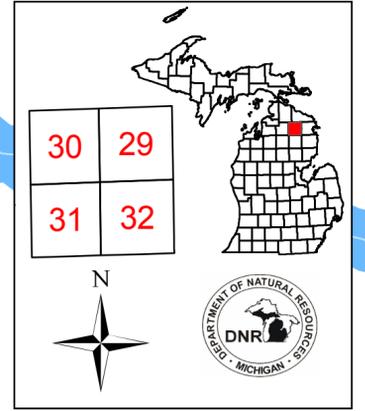
— Miris Corners	ORV Trails
+ Remonumented Section Corners	ORV Routes
▲ Berms	Snowmobile Trails
◆ PLSS Corner	Snowmobile Trail
— County Paved Roads	ORV Trail
— Paved Roads	ORV Route
— County Gravel Roads	Stand Boundaries
— Gravel Roads	
— Poor Dirt Roads	
— County Poor Dirt Roads	
— Closed Roads	
— Pipeline	
— Powerline	
— Stream	
— Intermittent Stream	



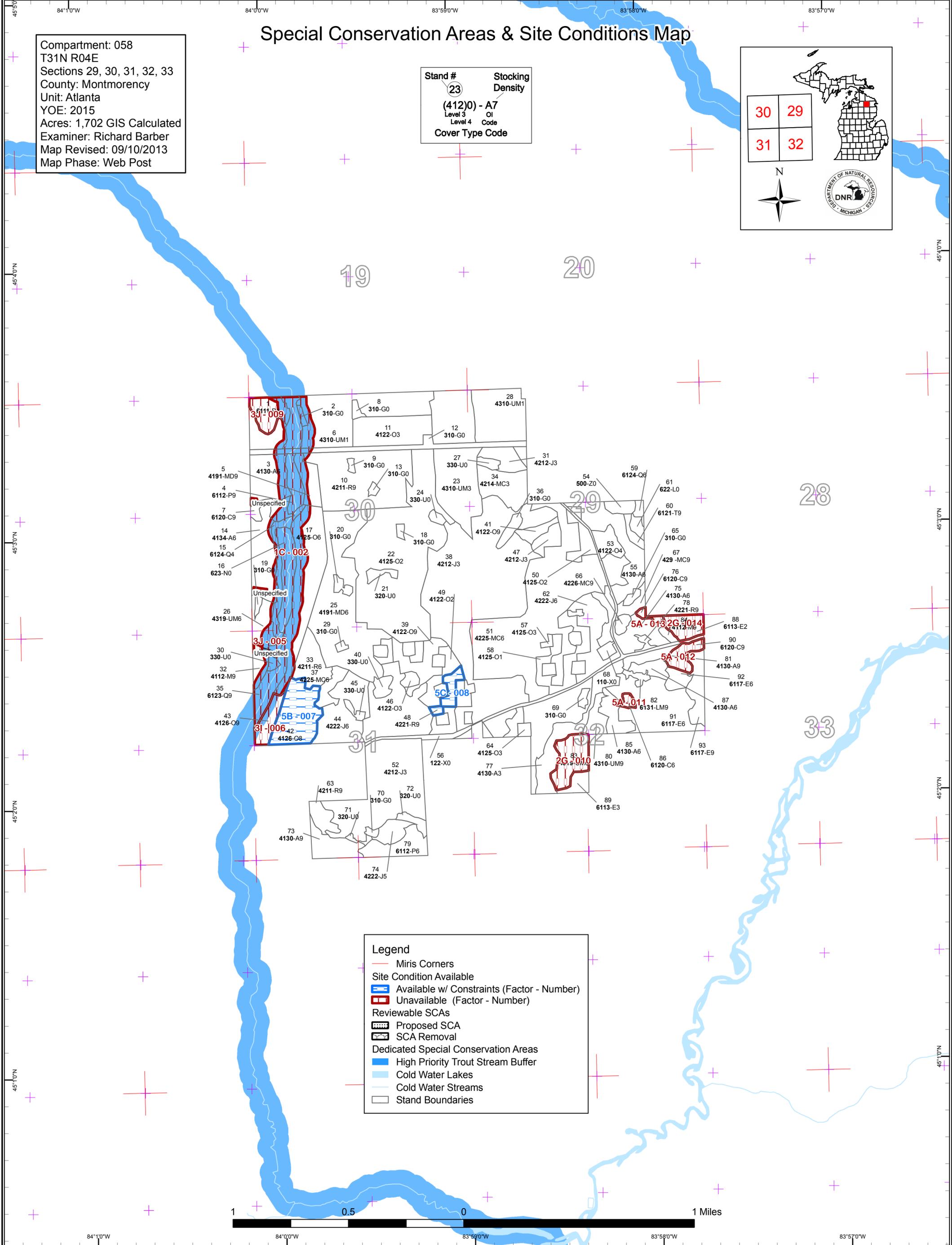
Special Conservation Areas & Site Conditions Map

Compartment: 058
 T31N R04E
 Sections 29, 30, 31, 32, 33
 County: Montmorency
 Unit: Atlanta
 YOE: 2015
 Acres: 1,702 GIS Calculated
 Examiner: Richard Barber
 Map Revised: 09/10/2013
 Map Phase: Web Post

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



- Legend**
- Miris Corners
 - Site Condition Available
 - Available w/ Constraints (Factor - Number)
 - Unavailable (Factor - Number)
 - Reviewable SCAs
 - Proposed SCA
 - SCA Removal
 - Dedicated Special Conservation Areas
 - High Priority Trout Stream Buffer
 - Cold Water Lakes
 - Cold Water Streams
 - Stand Boundaries



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	25	0	0	24	108	0	6	0	0	0	0	0	0	0	163
Cedar	0	0	0	0	0	0	0	0	7	2	0	10	0	0	19
Herbaceous Openland	38	0	0	0	0	0	0	0	0	0	0	0	0	0	38
Jack Pine	0	110	185	30	0	7	0	0	20	0	0	0	0	0	352
Low-Density Trees	12	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Lowland Aspen/Balsam Poplar	0	0	0	0	15	0	0	12	17	0	0	0	0	0	44
Lowland Conifers	0	0	0	0	2	0	15	0	10	0	0	0	0	0	27
Lowland Deciduous	0	0	0	5	50	0	18	0	0	0	0	0	0	0	74
Lowland Mixed Forest	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
Lowland Shrub	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Marsh	16	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Mixed Upland Deciduous	0	0	0	0	79	0	10	0	0	0	0	0	0	0	90
Natural Mixed Pines	0	0	0	7	159	0	3	0	0	0	0	0	0	0	169
Northern Hardwood	0	0	0	0	2	0	5	0	0	0	0	0	0	0	7
Oak	183	51	0	0	8	0	49	0	58	0	0	0	0	0	349
Planted Mixed Pines	0	0	19	0	0	0	0	0	0	0	0	0	0	0	19
Red Pine	0	0	0	0	0	23	0	62	7	2	0	0	0	0	94
Tamarack	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
Upland Conifers	0	0	0	0	0	0	5	0	0	0	0	0	0	0	5
Upland Mixed Forest	86	0	0	75	0	0	0	0	24	0	0	0	0	0	185
Upland Shrub	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Urban	20	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Water	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Total	395	160	204	142	425	30	111	74	147	4	0	10	0	0	1702



Report 2 – Proposed Treatment Summaries

Atlanta Mgt. Unit
Year of Entry 2015

Compartment 058
Total Compartment Acres: 1,702

Acres by Treatment Type

Commercial Harvest - 110 Tree Planting - 0 Other - 27
 Habitat Cut - 0 Opening Maintenance - 24

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	67	0	0	0	0	0	67
Natural Pines	20	0	0	0	0	0	20
Oak Types	15	0	0	0	0	0	15
Planted Pines	0	0	0	0	7	0	7
Total	103	0	0	0	7	0	110

S
t
a
n
d

Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
39 54058039-CCR	15.2	4122 - Oak, Pine	High Density Log	82	81-110	Harvest	Clearcut with Reserves	412 - Oak	Cmpt. Review Proposal

Prescription CCR. Do not cut red pine-or white pine, if present. Shortwood only, to protect advanced regeneration and adjacent stands. Tops may be forwarded concurrently with stems. 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: Regen survey. Acceptable regeneration is any combination of aspen, oak, fir, jack pine, red pine, or white pine resulting in a medium or well stocked stand.

Proposed
Start Date: 10/01/2014

55 54058055-CCR	31.8	4130 - Aspen	High Density Pole	41		Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
------------------------	------	--------------	-------------------	----	--	---------	------------------------	-------------	-----------------------

Prescription CCR. Do not cut oak. 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. Paint sale off of steep slopes and at least 100' from water.

Other
Comments:

Next
Steps: Regen survey. Acceptable regeneration is any combination of aspen, oak, fir, jack pine, red pine, or white pine resulting in a medium or well stocked stand.

Proposed
Start Date: 10/01/2014

62 54058062-CCR	20.2	42220 - Natural Jack Pine	High Density Pole	83		Harvest	Clearcut with Reserves	4212 - Planted Jack Pine	Cmpt. Review Proposal
------------------------	------	---------------------------	-------------------	----	--	---------	------------------------	--------------------------	-----------------------

Prescription CCR. 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: Plant jack pine.

Proposed
Start Date: 10/01/2014

63 54058063-3rd	7.1	42110 - Planted Red Pine	High Density Log	52	141-170	Harvest	Systematic Thinning	4211 - Planted Red Pine	Cmpt. Review Proposal
------------------------	-----	--------------------------	------------------	----	---------	---------	---------------------	-------------------------	-----------------------

Prescription Remove every 3rd row.

Other
Comments:

Next
Steps:

Proposed
Start Date: 10/01/2014



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
73	54058073- CCR	11.3	4130 - Aspen	High Density Log	47		Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> CCR. Do not cut white. Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be										
<u>Specs:</u> representative of the stand's species mix as a whole.										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Regen survey. Acceptable regeneration is any combination of aspen, oak, spruce, fir, jack pine, red pine, or white pine resulting in a medium or										
<u>Steps:</u> well stocked stand.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
75	54058075- CCR	12.1	4130 - Aspen	High Density Pole	48		Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> CCR. Do not cut red pine, white pine or cedar, if present. Due to high water table, use 6"/25' rutting spec. Retain 3 to 10 percent of stand area										
<u>Specs:</u> 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.										
<u>Other</u> Leave 1 chain to 100' buffer against cedar stand to the north.										
<u>Comments:</u>										
<u>Next</u> Regen survey. Acceptable regeneration is any combination of aspen, oak, spruce, fir, jack pine, red pine, or white pine resulting in a medium or										
<u>Steps:</u> well stocked stand.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
81	54058081- CCR	6.2	4130 - Aspen	High Density Log	61		Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> CCR. Do not cut red pine, white pine or cedar, if present. Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be										
<u>Specs:</u> determined during sale prep and will be representative of the stand's species mix as a whole.										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Regen survey. Acceptable regeneration is any combination of aspen, oak, spruce, fir, jack pine, red pine, or white pine resulting in a medium or										
<u>Steps:</u> well stocked stand.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
87	54058087- CCR	6.0	4130 - Aspen	High Density Pole	42		Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> CCR. Do not cut red pine, white pine or cedar, if present. Due to high water table, use 6"/25' rutting spec. Retain 3 to 10 percent of stand area										
<u>Specs:</u> 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.										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Regen survey. Acceptable regeneration is any combination of aspen, oak, spruce, fir, jack pine, red pine, or white pine resulting in a medium or										
<u>Steps:</u> well stocked stand.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
8	NF_54058008- NonFor	1.8	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain opening using mechanical methods or planting to 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										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
9	NF_54058009- NonFor	1.0	3102 - Grass				Non-Forest Management	Other - Specify	310 - Herbaceous Openland	Cmpt. Review Proposal
<u>Prescription</u> Plant opening to food and cover crops for wildlife										
<u>Specs:</u>										
<u>Other</u> Knapweed present										
<u>Comments:</u>										
<u>Next</u> Monitor and treat on rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
13	NF_54058013- NonFor	1.2	3102 - Grass				Non-Forest Management	Other - Specify	310 - Herbaceous Openland	Cmpt. Review Proposal
<u>Prescription</u> Plant to food and cover crops for wildlife										
<u>Specs:</u>										
<u>Other</u> Knapweed present										
<u>Comments:</u>										
<u>Next</u> Monitor and treat on rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
20	NF_54058020- NonFor	2.6	3102 - Grass				Non-Forest Management	Other - Specify	310 - Herbaceous Openland	Cmpt. Review Proposal
<u>Prescription</u> Plant to food and cover crops for wildlife										
<u>Specs:</u>										
<u>Other</u> Knapweed present										
<u>Comments:</u>										
<u>Next</u> Monitor and treat on rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
21	NF_54058021- NonFor	2.9	320 - Upland Shrub				Non-Forest Management	Brush Cutting	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Remove encroaching jack pine to maintain opening using mechanical methods.										
<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										
27	NF_54058027- NonFor	2.5	330 - Low-Density Trees				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain opening using fire and/or mechanical methods										
<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										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
36	NF_54058036- NonFor	4.2	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Burn to maintain opening. If burning is not possible, use mechanical methods.										
<u>Specs:</u>										
<u>Other Comments:</u>										
<u>Next Steps:</u> Monitor and treat on rotation										
<u>Proposed Start Date:</u> Unspecified										
40	NF_54058040- NonFor	4.0	330 - Low-Density Trees				Non-Forest Management	Brush Cutting	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Cut brush using mechanical methods to maintain opening										
<u>Specs:</u>										
<u>Other Comments:</u>										
<u>Next Steps:</u> Monitor and treat on rotation										
<u>Proposed Start Date:</u> Unspecified										
45	NF_54058045- NonFor	2.0	330 - Low-Density Trees				Non-Forest Management	Brush Cutting	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Cur brush (JP) using mechanical methods to maintain opening										
<u>Specs:</u>										
<u>Other Comments:</u>										
<u>Next Steps:</u> Monitor and treat on rotation										
<u>Proposed Start Date:</u> Unspecified										
65	NF_54058065- NonFor	1.9	3102 - Grass				Non-Forest Management	Other - Specify	3103 - Rubus-Fern	Cmpt. Review Proposal
<u>Prescription</u> Cut brush (cherry) using mechanical methods or burn to reduce brush overtopping blackberry										
<u>Specs:</u>										
<u>Other Comments:</u>										
<u>Next Steps:</u> Monitor and treat on rotation										
<u>Proposed Start Date:</u> Unspecified										
12	C58_S29_Reg en_Survey	26.2	42110 - Planted Red Pine	High Density Pole	40	141-170	Other	Unspecified	Unspecified	Fld. Tr. Bdy. - Incomplete
<u>Prescription</u>										
<u>Specs:</u>										
<u>Other Comments:</u>										
<u>Next Steps:</u>										
<u>Proposed Start Date:</u> 09/01/2009										

S
t
a
n
d

	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
67	C58_S322_Regen_Survey	0.9	4110 - Sugar Maple Association	High Density Log	94	111-140	Other	Unspecified	Unspecified	Fld. Tr. Bdy. - Incomplete

PrescriptionSpecs:OtherComments:NextSteps:ProposedStart Date: 09/01/2009

**Total Treatment
Acreage Proposed: 160.9**

S
t
a
n
d

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

#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

Compartment 058

Richard Barber : Examiner

Year of Entry 2015

Availability for Management

Availability for Management			Dominant Site Conditions								
Total Acres	Acres Available	Acres Not Available		No	5C	5B	5A	3J	3I	2G	1C
163	153	10	Aspen	153				1			9
19	4	15	Cedar	4			12				3
352	352		Jack Pine	352							
44	15	29	Lowland Aspen/Balsam Poplar	15				9			20
27	2	24	Lowland Conifers	2				0			24
74	64	10	Lowland Deciduous	64						10	
3	3		Lowland Mixed Forest	3							
90	85	4	Mixed Upland Deciduous	85							4
169	169		Natural Mixed Pines	169							
7	5	2	Northern Hardwood	5							2
349	318	31	Oak	290		29			9		22
19	19		Planted Mixed Pines	19							
94	93	0	Red Pine	86	7						0
3	3		Tamarack	3							
5	5		Upland Conifers	5							
185	159	27	Upland Mixed Forest	159				0		17	9
1,602	1,450	152	Total Forested Acres	1,414	7	29	12	11	9	27	93
	90%	10%	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	1C: Other dept or div proc/practices	114	2F: Too steep	2G: Too wet (sensitive soils, does not include access issues)	3J: Water quality / BMPs (stream, river, or lake)	
Comments: 1C: Trout stream habitat buffer. Miller Creek.							
003	Not Available	3J: Water quality / BMPs (stream, river, or lake)	1	2G: Too wet (sensitive soils, does not include access issues)			
Comments: Spring or seep.							

Report 5 – Site Conditions

Atlanta Mgt. Unit
Richard Barber : Examiner

Compartment 058
Year of Entry 2015

004	Not Available	3J: Water quality / BMPs (stream, river, or lake)	1	2G: Too wet (sensitive soils, does not include access issues)	
Comments: Spring or seep.					
005	Not Available	3J: Water quality / BMPs (stream, river, or lake)	1	2G: Too wet (sensitive soils, does not include access issues)	
Comments: Spring or seep.					
006	Not Available	3I: Historical / archeological (add locked comments)	9		
Comments:					
007	Available	5B: Retention for regeneration purposes	29		
Comments: Recent shelterwood.					
008	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7		
Comments:					
009	Not Available	3J: Water quality / BMPs (stream, river, or lake)	9	2G: Too wet (sensitive soils, does not include access issues)	
Comments: Wetland may be helping to filter runoff from barnyard to trout stream.					

Report 5 – Site Conditions

Atlanta Mgt. Unit
Richard Barber : Examiner

Compartment 058
Year of Entry 2015

010	Not Available	2G: Too wet (sensitive soils, does not include access issues)	17	
Comments:				
011	Not Available	5A: Not able to obtain desirable regeneration	2	2G: Too wet (sensitive soils, does not include access issues)
Comments:				
012	Not Available	5A: Not able to obtain desirable regeneration	8	2G: Too wet (sensitive soils, does not include access issues)
Comments:				
013	Not Available	5A: Not able to obtain desirable regeneration	2	2G: Too wet (sensitive soils, does not include access issues)
Comments:				
014	Not Available	2G: Too wet (sensitive soils, does not include access issues)	10	
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
Unspecified Comments	Spring-Seeps, Riparian Areas	Spring Seep	SCA	0.5
Unspecified Comments	Spring-Seeps, Riparian Areas	Spring Seep	SCA	1.0
Unspecified Comments permanent stream + springs	Spring-Seeps, Riparian Areas	Riparian Area	SCA	1.8



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 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.

S
t
a
n
d

Atlanta Mgt. Unit

Report 8 – Forested Stands

Compartment: 058
Year of Entry: 2015

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	6111 - Lowland Balsam Poplar	Low Density Pole	12.3	73		
3	4130 - Aspen	High Density Pole	31.3	42		
4	6112 - Lowland Aspen	High Density Log	17.2	89		
5	4191 - Mixed Upland Deciduous with Conifer	High Density Log	10.3	68	51-80	
6	4310 - Pine, Oak Mix	Low Density Sapling	52.3	5		
7	6120 - Lowland Cedar	High Density Log	7.4	89		
10	42110 - Planted Red Pine	High Density Log	62.0	75	111-140	
11	4122 - Oak, Pine	High Density Sapling	26.4	17		
14	4134 - Aspen, Spruce/Fir	High Density Pole	24.1	37		
15	6124 - Lowland Spruce-Fir	Low Density Pole	10.2	89		
17	4125 - Black, N. Pin Oak	High Density Pole	49.1	68	51-80	
22	4125 - Black, N. Pin Oak	Medium Density	126.9	5		
23	4310 - Pine, Oak Mix	High Density Sapling	63.4	37		
25	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	79.3	46		
26	4319 - Mixed Upland Forest	High Density Pole	11.7	37		
28	4310 - Pine, Oak Mix	Low Density Sapling	33.9	5		
31	42120 - Planted Jack Pine	High Density Sapling	8.9	21		
32	4112 - Maple, Beech, Cherry Association	High Density Log	5.0	68		

S
t
a
n
d

Atlanta Mgt. Unit

Report 8 – Forested Stands

Compartment: 058
Year of Entry: 2015

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
33	42110 - Planted Red Pine	High Density Pole	15.9	52	111-140	
34	42141 - Planted Mixed Pine, Mixed Deciduous	High Density Sapling	18.7	21		
35	6123 - Lowland Fir	High Density Log	14.7	68		
37	42250 - Pine, Oak	High Density Pole	7.0	39		
38	42120 - Planted Jack Pine	High Density Sapling	169.8	21		
39	4122 - Oak, Pine	High Density Log	15.2	82	81-110	
41	4122 - Oak, Pine	High Density Log	4.9	84	51-80	
42	4126 - White, Black, N. Pin Oak	Medium Density Log	28.8	83	51-80	
43	4126 - White, Black, N. Pin Oak	High Density Log	9.3	83	1-50	
44	42220 - Natural Jack Pine	High Density Pole	30.5	39		
46	4122 - Oak, Pine	High Density Sapling	14.2	16		
47	42121 - Planted Jack Pine, Mixed Deciduous	High Density Sapling	6.4	21		
48	42210 - Natural Red Pine	High Density Log	6.8	82	81-110	
49	4122 - Oak, Pine	Medium Density	29.5	7		
50	4125 - Black, N. Pin Oak	Medium Density	8.5	7		
51	42250 - Pine, Oak	High Density Pole	158.9	40		
52	42121 - Planted Jack Pine, Mixed Deciduous	High Density Sapling	109.5	15		
53	4122 - Oak, Pine	Low Density Pole	7.7	43	1-50	

S
t
a
n
d

Atlanta Mgt. Unit

Report 8 – Forested Stands

Compartment: 058
Year of Entry: 2015

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4130 - Aspen	High Density Pole	34.1	41		
4125 - Black, N. Pin Oak	High Density Sapling	8.0	16		
4125 - Black, N. Pin Oak	Low Density Sapling	18.6	7		
6124 - Lowland Spruce- Fir	High Density Pole	2.0	40		
6121 - Tamarack	High Density Log	3.1	80		
42220 - Natural Jack Pine	High Density Pole	20.2	83		
42110 - Planted Red Pine	High Density Log	7.1	52	141-170	
4125 - Black, N. Pin Oak	High Density Sapling	2.1	16		
42260 - Natural Pine, Mixed Deciduous	High Density Log	2.8	68	81-110	
429 - Mixed Upland Conifers	High Density Log	4.8	68		
4130 - Aspen	High Density Log	13.4	47		
42220 - Natural Jack Pine	Medium Density Pole	7.2	50		
4130 - Aspen	High Density Pole	14.2	48		
6120 - Lowland Cedar	High Density Log	2.1	110		
4130 - Aspen	High Density Sapling	25.1	7		
42210 - Natural Red Pine	High Density Log	1.7	91	111-140	
6112 - Lowland Aspen	High Density Pole	14.5	47		
4310 - Pine, Oak Mix	High Density Log	6.9	86	51-80	

S
t
a
n
d

Atlanta Mgt. Unit

Report 8 – Forested Stands

Compartment: 058
Year of Entry: 2015

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
81	4130 - Aspen	High Density Log	6.2	61		
82	6131 - Hemlock, White Pine, Maple, Birch	High Density Log	2.5	42	1-50	
83	4319 - Mixed Upland Forest	High Density Pole	17.1	84		
84	4112 - Maple, Beech, Cherry Association	High Density Log	1.9	48		
85	4130 - Aspen	High Density Pole	9.3	42		
86	6120 - Lowland Cedar	High Density Pole	2.0	93		
87	4130 - Aspen	High Density Pole	6.0	42		
88	6113 - Lowland Maple	Medium Density	9.7	48		
89	6113 - Lowland Maple	High Density Sapling	5.2	39		
90	6120 - Lowland Cedar	High Density Log	7.7	110		
91	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	40.7	42		
92	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	5.3	61		
93	6117 - Lowland Deciduous, Mixed Coniferous	High Density Log	12.8	61		



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
2	3102 - Grass	1.2	Unspecified	Unspecified	
8	3102 - Grass	1.8	Unspecified	Unspecified	
9	3102 - Grass	1.0	Unspecified	Unspecified	
12	310 - Herbaceous Openland	17.4	Unspecified	Unspecified	
13	3102 - Grass	1.2	Unspecified	Unspecified	
16	623 - Emergent Wetland	15.6	Unspecified	Unspecified	
18	3102 - Grass	1.3	Unspecified	Unspecified	
19	3102 - Grass	1.3	Unspecified	Unspecified	
20	3102 - Grass	2.6	Unspecified	Unspecified	
21	320 - Upland Shrub	2.9	Unspecified	Unspecified	
24	330 - Low-Density Trees	1.9	Unspecified	Unspecified	
27	330 - Low-Density Trees	2.5	Unspecified	Unspecified	
29	3102 - Grass	1.1	Unspecified	Unspecified	
30	330 - Low-Density Trees	1.6	Unspecified	Unspecified	
36	3102 - Grass	4.2	Unspecified	Unspecified	
40	330 - Low-Density Trees	4.0	Unspecified	Unspecified	
45	330 - Low-Density Trees	2.0	Unspecified	Unspecified	
54	50 - Water	4.3	Unspecified	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
56	122 - Road/Parking Lot	17.0	Unspecified	Unspecified	
61	622 - Lowland Shrub	2.8	Unspecified	Unspecified	
65	3102 - Grass	1.9	Unspecified	Unspecified	
68	11 - Low Intensity Urban	2.5	Unspecified	Unspecified	
69	3102 - Grass	1.8	Unspecified	Unspecified	
70	3102 - Grass	1.2	Unspecified	Unspecified	
71	320 - Upland Shrub	1.3	Unspecified	Unspecified	
72	320 - Upland Shrub	3.4	Unspecified	Unspecified	