Escanaba Forest Management Unit
Compartment Review Presentation
Compartment #087 Entry Year: 2013
Compartment Acreage: 1328 County: Delta

Revision Date: July 14, 2011

Stand Examiner: Dan Racine, Forester, FMD; Bill Rollo, Wildlife Division

Legal Description: T41N R23W Sections 3, 4, 9, and 10

Management Goals: The major upland cover type within this compartment is aspen. There is a minor amount of acreage in the mixed upland deciduous and upland conifer cover types. The major lowland cover types within this compartment are cedar, tamarack, and lowland deciduous. There is a minor amount of acreage in the lowland conifer and lowland shrub cover types. The management within the upland cover types will focus primarily on the aspen types and aspen types with mixed conifers. The intent of the prescriptions is to regenerate aspen with a mix of conifers, working toward balancing the aspen age class throughout the compartment. Within the lowland cover types five tamarack stands are prescribed for harvest with the intent of regenerating the tamarack and mixed lowland conifers within these stands. These stands are over mature and will continue to decline.

Soil and Topography: The topography is level with some upland ridges. The major soil series within this compartment are Dawson and Greenwood peats, Kinross, Roscommon, Tawas, and Emmet.

Ownership Patterns, Development, and Land Use in and Around the Compartment: This compartment is part of a small block of state land approximately two miles by three miles. The ownership to the north and west is small private holding with some agricultural lands. The south end of the compartment includes a larger block of private industrial forest lands.

Unique, Natural Features: None

Archeological, Historical, and Cultural Features: None Known

Special Management Designations or Considerations: None

Watershed and Fisheries Considerations:

Wildlife Habitat Considerations: This compartment is within the Deadhorse Moraines Management Area. Half of this compartment is lowland forest comprised of cedar and tamarack. Aspen covers about 29% of the compartment. The main proposed treatment this decade is harvest and regeneration of tamarack which is all of advanced age. Due to the large proportion of tamarack prescribed for harvest, Wildlife Division has recommended that half of Stand 41 be delayed for 10 years to provide some age class diversity. A large (76-acre) aspen stand is prescribed for regeneration harvest, and this action will provide habitat for early successional wildlife including many popular games species. To break up this large aspen harvest area and provide age/structural diversity for wildlife in the regenerating stand, 10% will be retained in un-harvested patches.

Mineral Resource and Development Concerns and/or Restrictions: Sections 3, 4, 9 and 10, T41N-R23W, Delta County Surface sediments consist of medium-textured glacial till. The glacial drift thickness

varies between 10 and 50 feet. The Ordovician Trenton Limestone underlies the glacial drift. The Trenton is quarried for dolomite/stone fourteen miles to the south, west of Escanaba. State land was previously leased in the area for metallic exploration. Gravel pits surround the compartment, and there appears to be good potential. No economic oil and gas production has been found in the UP.

Vehicle Access: This compartment has very limited vehicle access. There is a two track road off County Road 519 that provides access to the west side of the compartment. The Wood Tick road to the north will provide winter access for management activities and ORV access to the east side of the compartment.

Survey Needs: The existing corners should be adequate for management activies proposed.

Recreational Facilities and Opportunities: There are opportunities for hunting, hiking, and dispersed camping.

Fire Protection: This compartment is not high risk for fire. Vehicle access to some portions of the compartment may be limited.

Additional Compartment Information: The previous SCA stands within this compartment were removed from designation.

- **The following reports from the Inventory are attached:**
  - **Total Acres by Cover Type and Age Class**
  - **Proposed Treatment Summary**
  - **Proposed Treatments – No Limiting Factors**
  - **Proposed Treatments – With Limiting Factors**
  - **Stand Details (Forested and Nonforested)**
  - **Dedicated and Proposed Special Conservation Areas**

- **The following information is displayed, where pertinent, on the attached compartment maps:**
  - **Base feature information, stand boundaries, cover types, and numbers**
  - **Proposed treatments**
  - **Details on the road access system**

Table 1 – Total Acres by Cover Type and Age Class

Escanaba Mgt. Unit **Compartment 087 Year of Entry 2013**

Dan Racine : Examiner

Age Class

	Non-Forested	1-9	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	Total
Aspen	0	61	132	76	0	120	0	0	0	0	0	0	0	0	0	**389**
Cedar	0	0	0	0	0	0	0	0	0	81	7	40	322	0	0	**450**
Herbaceous Openland	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**2**
Lowland Deciduous	0	0	0	0	0	94	0	0	0	0	29	0	0	0	0	**123**
Lowland Mixed Forest	0	0	0	0	0	0	0	10	8	0	6	0	0	0	0	**24**
Lowland Shrub	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**14**
Mixed Upland Deciduous	0	40	10	0	0	0	0	0	0	36	0	0	0	0	0	**87**
Tamarack	0	0	0	7	0	0	0	0	0	185	3	0	0	0	0	**196**
Upland Conifers	0	0	0	0	0	37	0	0	0	0	0	0	0	0	0	**37**
Upland Mixed Forest	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	**7**
Total	**16**	**101**	**142**	**83**	**0**	**251**	**0**	**10**	**14**	**302**	**46**	**40**	**322**	**0**	**0**	**1328**

Table 2 – Proposed Treatment Summaries

Escanaba Mgt. Unit
Year of Entry 2013

Compartment 087
Total Compartment Acres: 1328

Acres by Treatment Type

Commercial Harvest - 229	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 0	Tree Seeding - 0	Pesticide - 0	

Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Aspen	86	0	0	0	0	0	**86**
Mixed Upland Deciduous	36	0	0	0	0	0	**36**
Tamarack	6	0	95	0	0	0	**101**
Upland Mixed Forest	7	0	0	0	0	0	**7**
Total	**135**	**0**	**95**	**0**	**0**	**0**	**229**

Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
2	33087002-Cut	24.3	6121 - Tamarack	High Density Pole	81	Harvest	Seed Tree with Reserves	6121 - Tamarack	Cmpt. Review Proposal

Prescription Specs: Seed tree harvest: Leave tamarack or spruce seed trees, with the majority being tamarack, throughout the stand of approximate spacing of 50 feet. Determine exact spacing at time of sale prep. Leave a retention patch of approximately 3-10% of the stand where the cedar volumes are highest.

Other Comments: Some porcupine damage in all tamarack stands. Cut in the winter months.

Next Steps: Monitor the regeneration at appropiate intervals. Acceptable regeneration of Tamarack and Spruce.

Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
3	33087003-Cut	9.6	4130 - Aspen	High Density Pole	40	Harvest	Clearcut with Reserves	4136 - Aspen, Mixed Conifer	Cmpt. Review Proposal

Prescription Specs: Clearcut with reserves: Clearcut this stand cutting all trees, leaving a retention patch with some minor component species of 3-10% of the stand.

Other Comments:

Next Steps: Monitor the regeneration at appropriate intervals. Acceptable regeneration of Aspen, mixed conifer species.

Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
7	33087007-Cut	25.1	6121 - Tamarack	High Density Pole	81	Harvest	Seed Tree with Reserves	6121 - Tamarack	Cmpt. Review Proposal

Prescription Specs: Seed tree with reserves: Harvest leaving a tamarack seed tree approximatley every 50 feet determining exact spacing at time of sale prep. Leave approximately 5% retention patch that captures some birch.

Other Comments: No cedar within plots but some within the stand. Porcupine damage found on all tamarack stands. Cut in the winter months.

Next Steps: Monitor regeneration at appropriate intervals. Acceptable regeneration of Tamarack.

Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
11	33087011-Cut	2.6	6121 - Tamarack	High Density Pole	81	Harvest	Clearcut	6121 - Tamarack	Cmpt. Review Proposal

Prescription Specs: Clearcut: Harvest all species.

Other Comments: Three plots taken with one plot of 20 BA of cedar. Approximately 5 cords of cedar harvested.

Next Steps: Monitor the regeneration at appropriate intervals. Acceptable regeneration of Tamarack.

Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
16	33087016-Cut	76.0	4134 - Aspen, Spruce/Fir	High Density Pole	41	Harvest	Clearcut with Reserves	4136 - Aspen, Mixed Conifer	Cmpt. Review Proposal

Prescription Specs: Clearcut: Cedar and a couple of tamarack may be found along the edge of the stand along the boundary line. The cedar and tamarack if found along the edges can be left. Leave 3-10% retention in patches in this stand that captures conifer cover types.

Other Comments: The stand diameters for aspen and balm range from approximately 6-9 inches dbh. This stand is similar to stand 31 but overall diamteters are a little higher.

Next Steps: Monitor regeneration at appropriate intervals. Acceptable regeneration of Aspen, Balm.

Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
17	33087017-Cut	6.5	4319 - Mixed Upland Forest	High Density Pole	71	Harvest	Clearcut with Reserves	4134 - Aspen, Spruce/Fir	Cmpt. Review Proposal

Prescription Specs: Clearcut with reserves: Harvest all species leaving a retention patch with cedar of approximately 3-10% of the stand.

Other Comments: There is Balsam fir blowdown in this stand. Expect approximately 10 cords of cedar harvested after leaving the retention patch.

Next Steps: Monitor the regeneration at appropriate intervals. Acceptable regeneration of Aspen, mixed conifer species.

Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
23	33087023-Cut	3.5	6121 - Tamarack	High Density Pole	91	Harvest	Clearcut	6121 - Tamarack	Cmpt. Review Proposal

Prescription Specs: Clearcut: Harvest all species with no retention.

Other Comments: Approximately 5-6 cords of cedar harvested within this stand. Low area with some tag alder.

Next Steps: Monitor regeneration at appropriate intervals. Acceptable regeneration mix of Tamarack, Spruce, and mixed conifer species.

Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
30	33087030-Cut	36.4	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	80	Harvest	Clearcut with Reserves	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal

Prescription Specs: Clearcut with reserves: Harvest all species except cedar and a few scattered tamarack and spruce seed trees.

Other Comments: No cedar on plots with a few scatterd within the stand. Some areas of high spruce and fir in the sub canopy. Decide at time of sale prep to harvest only the 3 stick and greater spruce and fir. Most likely harvest in the winter months only. Variable sizes of aspen and balm with some pockets of heavier balsam fir less than 3 sticks.

Next Steps: Monitor the regeneration at the appropriate intervals. Acceptable regeneration of Aspen, Balm, Birch, and mixed conifer species.

Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
41	33087041-Cut_small	45.3	6121 - Tamarack	High Density Pole	81	Harvest	Seed Tree with Reserves	6121 - Tamarack	Cmpt. Review Proposal

Prescription Specs: Seed tree harvest: Leave approximately 1 Tamarack seed tree every 50 feet. Retention of a portion of the stand along the west portion with the higher cedar volumes that borders stand 32.

Other Comments: Some scattered cedar outside this retention patch. The past OI map has stand 32 as a smaller band along the private line.

Next Steps: Monitor the regeneration at appropriate intervals. Acceptable regeneration of Tamarack.

Total Treatment Acreage Proposed: 229.3

Table 4 -- Treatments Prescribed with a Limiting Factor

Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
			#Error						

Prescription Specs:

Other Comment:

Next Steps:

Limiting Factor and No Treatment Reason

Total Treatment Acreage Proposed: **0**

Out of YOE -- Treatments
Prescribed with No Limiting Factor

Year of Entry: 2013

Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
33002_OutOfYOE-Cut	0.7				Harvest	Clearcut with Reserves	6129 - Mixed Coniferous Lowland Forest	Cmpt. Review Proposal

Prescription Specs: Final harvest this stand, leaving some seed trees. Harvest this stand with stand 13 in comp 1.

Other Comments: Decent quality tamarack and spruce stand.

Next Steps: Manage this stand for a mix of tamarack and spruce primarily, but a mix with other lowland species is acceptable.

Total Treatment Acreage Proposed: **0.7**

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	6132 - Mixed Lowland Forest with Cedar	High Density Pole	10.2	66		Lots of dead black ash. Small piece to the northwest was prescribed but never harvested.
2	6121 - Tamarack	High Density Pole	24.3	81		
3	4130 - Aspen	High Density Pole	9.6	40		
5	4130 - Aspen	High Density Pole	27.5	24		Old deer yard aspen sale.
6	6120 - Lowland Cedar	High Density Pole	223.9	116		Lowland cedar.
7	6121 - Tamarack	High Density Pole	25.1	81		
8	6115 - Lowland Ash	High Density Pole	64.6	45		Some pockets with 100% black ash. Mix of areas with unmerchantable and merchantable trees.
9	4130 - Aspen	High Density Sapling	34.8	15		Part of the Old Snake Bite balm sale. Mix of aspen and balm regeneration.
10	6120 - Lowland Cedar	High Density Pole	25.0	101		Some pockets with larger diameter cedar.
11	6121 - Tamarack	High Density Pole	2.6	81		
13	6120 - Lowland Cedar	Medium Density Pole	7.4	97		Unit 4 of the Shinbuster sale. All cedar,hemlock,pine left. Original stand was tamarack,cedar,balsam poplar,black ash,paper birch, and spruce/fir. Regeneration of balsam fir,paper birch,black ash. No Tamarack found but probably some seeding under the snow. This stand cover type percent is high end of 50-75 or low end 75-100.
14	6121 - Tamarack	High Density Sapling	7.3	23		Porcupine damage.
15	4130 - Aspen	High Density Sapling	3.6	4		Cut under the Shin buster sale unit 4. The cedar,pine, and hemlock was left.
16	4134 - Aspen, Spruce/Fir	High Density Pole	76.0	41		This stand was broken out from 28 hold from pre-inventory stands. This stand averages a little higher diameters.
17	4319 - Mixed Upland Forest	High Density Pole	6.5	71		
18	4191 - Mixed Upland Deciduous with Conifer	High Density Sapling	40.1	4		This stand was unit 3 of the Shin buster sale. Mixed upland/lowland. Cedar, red maple,pine,hemlock here as well.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
19	4130 - Aspen	High Density Sapling	45.9	4		Black ash along the edges toward the lowland stands. Couple small pockets of hardwoods.
20	6139 - Mixed Lowland Forest	High Density Pole	7.6	70		Mixed stand with pockets of cedar,black ash and some balm and red maple. More balsam fir considering the canopy and sub canopy.
21	6139 - Mixed Lowland Forest	High Density Pole	6.3	91		Very mixed stand of F/Q/E type with some merchantable balm.
22	4130 - Aspen	High Density Sapling	29.4	14		
23	6121 - Tamarack	High Density Pole	3.5	91		
24	6120 - Lowland Cedar	High Density Pole	14.9	101		Other species include; black spruce,balm,quaking aspen. The far east along the line and to the south is where the majority of Tamarack,quaking aspen, and balm is.
25	6120 - Lowland Cedar	Low Density Pole	77.5	81		Tamarack seedlings coming in. The canopy represents cedar and tamarack left post harvest. The overall canopy closure percent with overstory and understory species is 75-100%.
26	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	29.0	91		
27	4136 - Aspen, Mixed Conifer	High Density Sapling	10.4	14		Mix of species with pockets of low ground and canopy closure closer to 75% than stand 26.
28	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	24.2	45		Small diameter with some pockets of merchantable timber.
29	42380 - Non Pine Upland Conifer, Mixed Deciduous	Medium Density Pole	37.4	45		Mix of upland and lowland sap/pole with some pockets of cedar. Some areas are younger ages.
30	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	36.4	80		Mixed ages of older and younger aspen and balm. Porcupine damage in the Tamarack.
31	4139 - Aspen, Mixed Deciduous	High Density Pole	34.5	41		This is a pole stand with some sapling size trees. Mix of quaking aspen with some balm pockets, red maple and black ash. There is some cedar and tamarack on the edges. This stand was broken out from pre-inventory stand 28 cut which has more larger diameter pole size timber. This stand should be ready to treat next decade.
32	6120 - Lowland Cedar	High Density Pole	33.8	116		Mostly cedar with some Tamarack mixed in. Black spruce here as well.
33	6117 - Lowland Deciduous, Mixed Coniferous	High Density Sapling	4.7	45		

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
34	6120 - Lowland Cedar	High Density Pole	20.8	116		North end of stand has a pocket of paper birch.
35	6120 - Lowland Cedar	High Density Pole	3.0	83		This stand was unit 6 of the shin buster sale. Cedar was left. Walked by the edge of this stand.
36	4191 - Mixed Upland Deciduous with Conifer	Low Density Sapling	10.4	19		Spruce filling in some opening areas. Ash,Black cherry here as well. This stand may be able to be combined in the future with surrounding aspen stand.
37	4130 - Aspen	High Density Sapling	12.6	26		
38	4130 - Aspen	High Density Sapling	39.7	19		Small pocket of northern hardwood and a couple of cedar. The two track through the stand was frost seeded with red clover in 2010 and 2007.
39	6120 - Lowland Cedar	High Density Pole	43.8	116		
40	4130 - Aspen	Medium Density	6.9	19		Some tag alder.
41	6121 - Tamarack	High Density Pole	133.2	81	111-140	
43	4130 - Aspen	High Density Sapling	11.2	4		This stand was cut in the winter of 2007 (009-03-01). Passes the regeneration survey. Some cedar and black ash left. Mix of upland and lowland areas.
44	4130 - Aspen	High Density Pole	35.9	25		Cut under contract 22-85-01.
46	4130 - Aspen	High Density Sapling	10.5	12		Couple of beech, and balsam fir in the overstory. This stand was cut in 1999 under the southwest 88 aspen sale.

Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
4	6229 - Mixed lowland shrub	3.8	N\A	Unspecified	
12	3102 - Grass	1.6	N\A	Unspecified	Part of tresspass into state.
42	6229 - Mixed lowland shrub	7.5	N\A	Unspecified	
45	6229 - Mixed lowland shrub	2.8	N\A	Unspecified	

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
6	SCA Removal	33087006	223.9	This stand is a cedar stand with no unique SCA values.
41	SCA Removal	33087041-scaremoval	133.2	
42	SCA Removal	NF_33087042	7.5	This stand is removed from SCA. This stand is a lowland shrub type with no unique SCA values.

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.

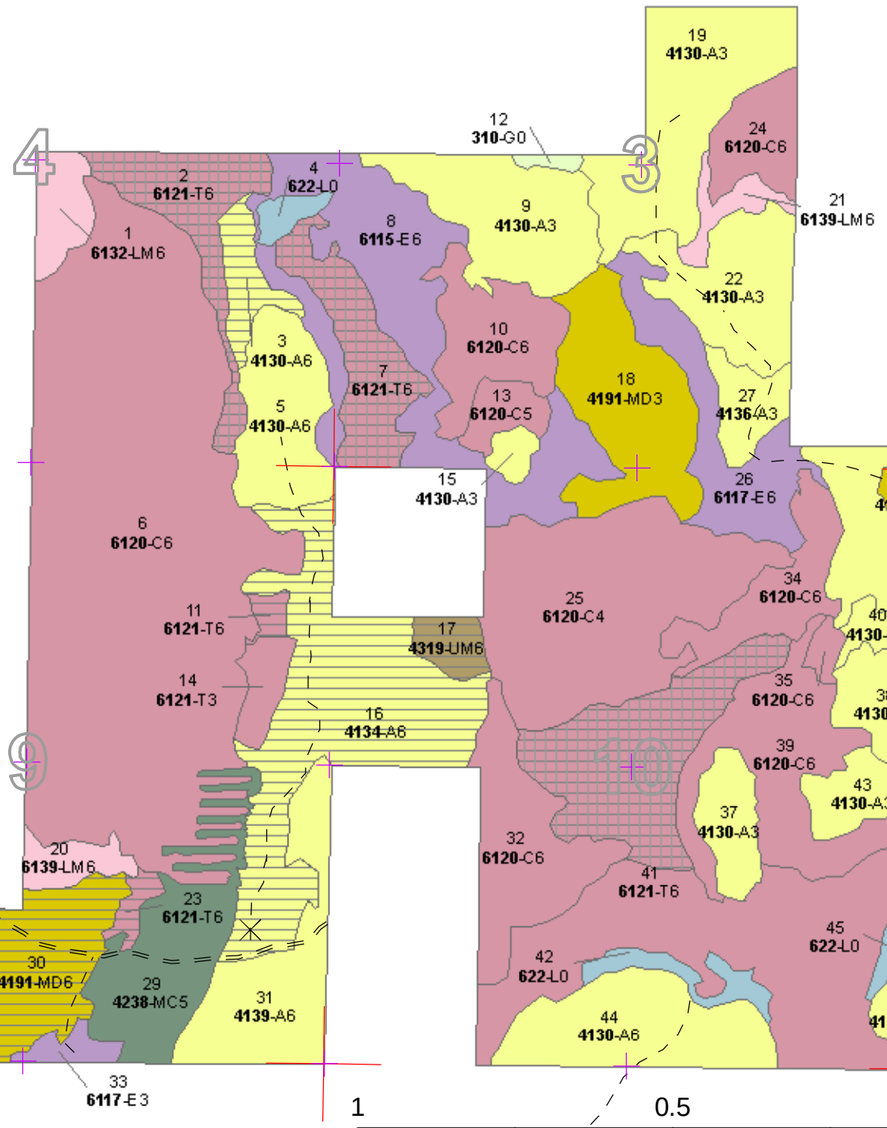
ERA = Ecological Reference Area
HCVA = High Conservation Value Area
SCA = Special Conservation Area

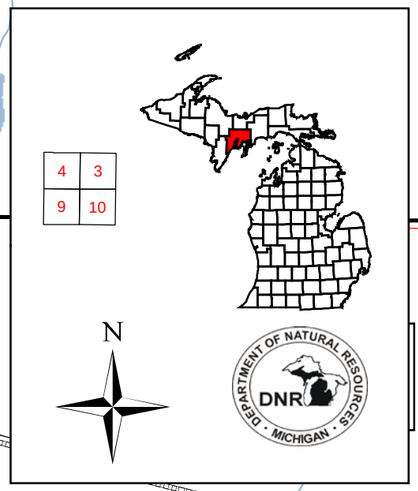
Conservation Area	Type	Description
SCA	Habitat Area	An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.

Cover Type & Treatment Map

Compartment 87
T41N, R23W, Sec. 3, 4, 9, 10
County: Delta
Unit: Escanaba
YOE: 2013
Acres: 1,306 GIS Calculated
Stand Examiner: Dan Racine
Map Revised: 7/28/2011
Map Phase: Pre-Review

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





Legend

- Miris Corners
- Remonumented Section Corners
- Paved Roads
- Gravel Roads
- Poor Dirt Roads

Utility Lines

- Pipe
- Power
- Gate
- Intermittent Stream/Drain
- Stream
- Lakes and Rivers

Treatments

- Clearcut (w/Reserves, Patch/Strip)
- Seed Tree (w/Reserves)

Forest Stands

Level 3

- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 431 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

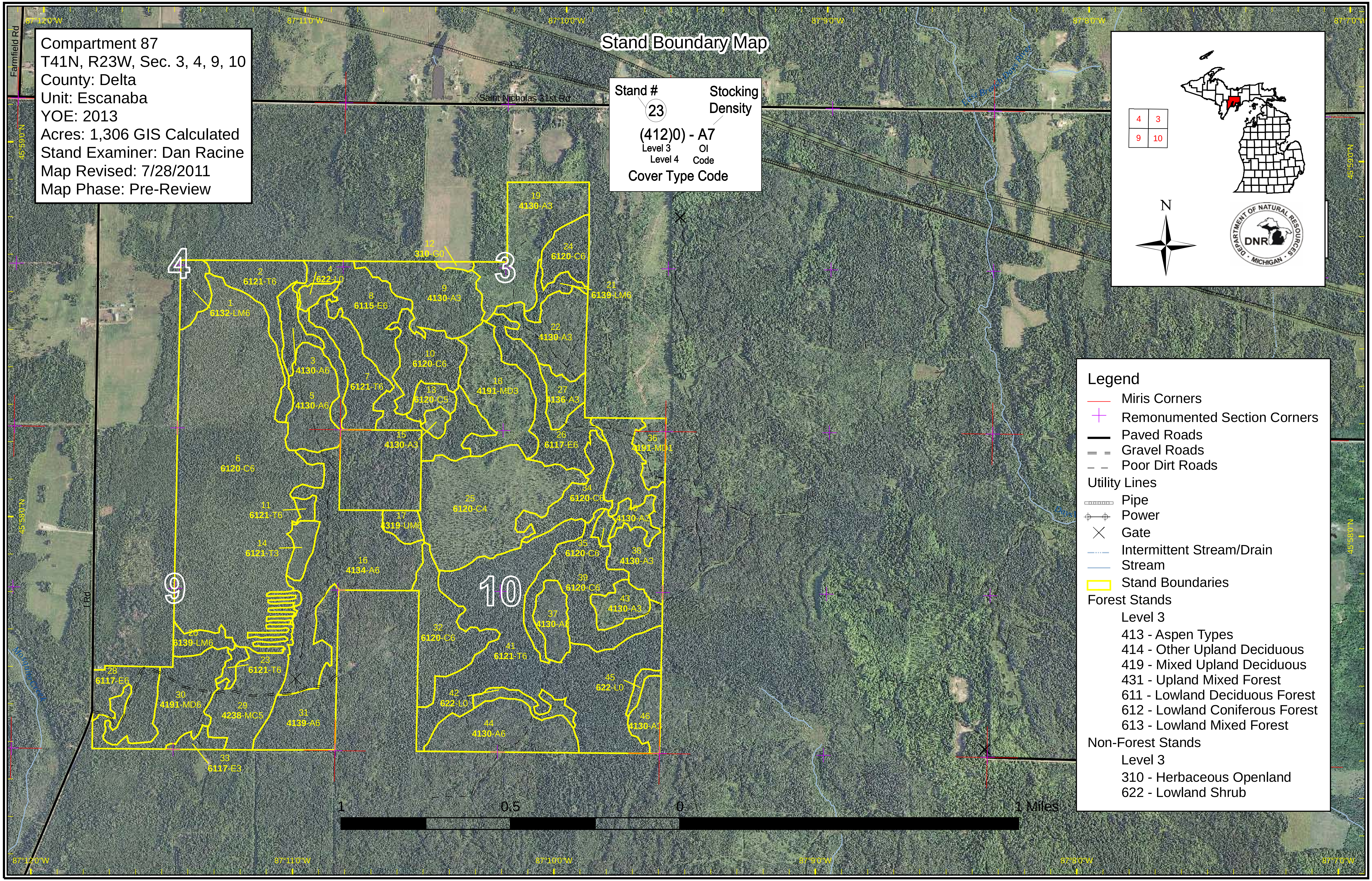
Non-Forest Stands

Level 3

- 310 - Herbaceous Openland
- 622 - Lowland Shrub

1 0.5 0 1 Miles

Saint Nicholas 31st Rd
East Branch Days River
Days Ri v
I Rd
Mosquito Creek
45°5'0"N
87°12'0"W
87°11'0"W
87°10'0"W
87°9'0"W
87°8'0"W
87°7'0"W

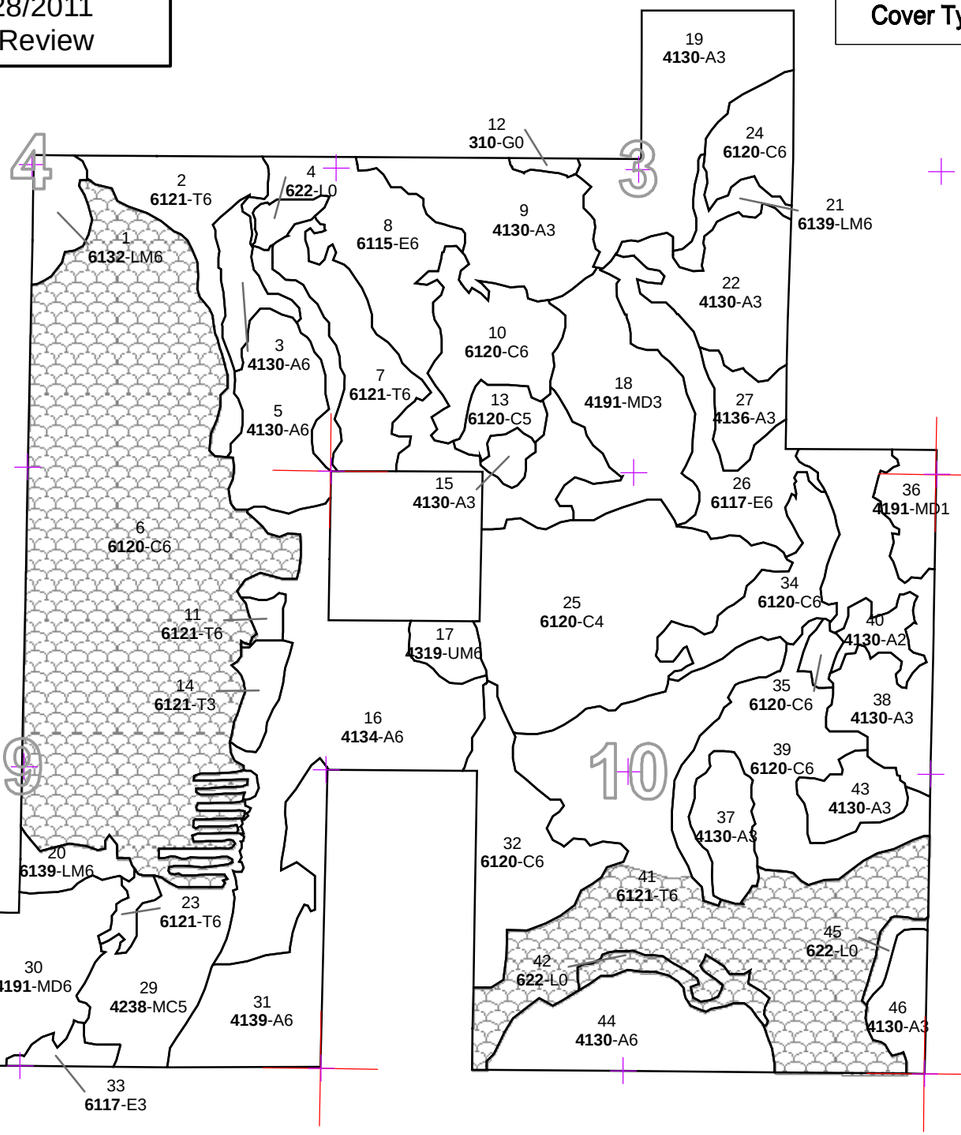


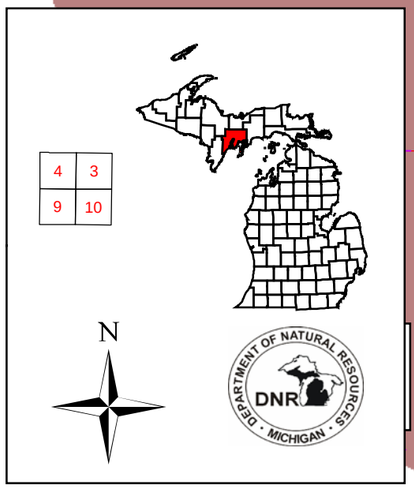
Stand Boundary Map
Compartment 87
T41N, R23W, Sec. 3, 4, 9, 10
County: Delta
Unit: Escanaba
YOE: 2013
Acres: 1,306 GIS Calculated
Stand Examiner: Dan Racine
Map Revised: 7/28/2011
Map Phase: Pre-Review
Stand #
23
Stocking Density
(412)0) - A7
Level 3
Level 4
OI Code
Cover Type Code
Saint Nicholas 31st Rd
Farmfield Rd
N
DNR
DEPARTMENT OF NATURAL RESOURCES MICHIGAN
4
3
9
10
Legend
Miris Corners
Remonumented Section Corners
Paved Roads
Gravel Roads
Poor Dirt Roads
Utility Lines
Pipe
Power
Gate
Intermittent Stream/Drain
Stream
Stand Boundaries
Forest Stands
Level 3
413 - Aspen Types
414 - Other Upland Deciduous
419 - Mixed Upland Deciduous
431 - Upland Mixed Forest
611 - Lowland Deciduous Forest
612 - Lowland Coniferous Forest
613 - Lowland Mixed Forest
Non-Forest Stands
Level 3
310 - Herbaceous Openland
622 - Lowland Shrub
1
0.5
0
1 Miles

Dedicated & Proposed Special Conservation Area Map

Compartment 87
T41N, R23W, Sec. 3, 4, 9, 10
County: Delta
Unit: Escanaba
YOE: 2013
Acres: 1,306 GIS Calculated
Stand Examiner: Dan Racine
Map Revised: 7/28/2011
Map Phase: Pre-Review

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





Legend

- Remonumented Section Corners
- Miris Corners
- Stand Boundaries

Proposed Special Conservation Areas
- SCA - Special Conservation Area
- SCA Removal

Dedicated Special Conservation Areas
- Deer Wintering Areas

Forest Stands
Level 3
- 413 - Aspen Types
- 414 - Other Upland Deciduous
- 419 - Mixed Upland Deciduous
- 431 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

Non-Forest Stands
Level 3
- 310 - Herbaceous Openland
- 622 - Lowland Shrub

1 0.5 0 1 Miles

87°12'0"W 87°11'0"W 87°10'0"W 87°9'0"W 87°8'0"W 87°7'0"W
45°59'0"N 45°58'0"N