

# **Compartment Review Presentation**

Escanaba Forest Management Unit

Compartment 33027 Entry Year 2017 Acreage: 382 County Menominee Management Area: Menominee End Moraine

Revision Date: 2015-07-10

Stand Examiner: Dustin Salter

# Legal Description:

T35N R29W Sections 34, 35, and 36

# **Identified Planning Goals:**

This compartment is primarily upland with a few lowland stands mixed in. The upland area are primarily aspen, pin oak, and some red maple. These areas are very well drained. There are 6 upland sites that will be clearcut, managing for a mix of aspen, oak, and maple. There will be three lowland conifer stands harvested along with a lowland hardwood stand as well. There are pockets of tamarack mortality within the compartment due to the Eastern Larch Beetle. The three lowland conifer stands prescribed for treatment all have pockets of tamarack mortality. In the recent past we have treated a number of oak wilt pockets within the compartment, if any new ones are identified they will be treated. This could include: trenching, dozing, and clearcutting.

# Soil and topography:

Some of the soil map units within this compartment are: Pemene-Rubicon Complex, Deford Mucky Fine Sand, and Grayling Sand. On the upland sites there is fine sand, which is well to excessively drained and nearly level with some gently rolling slopes. In the lower areas there is black muck over fine sand. These areas are poorly drained and level.

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

This compartment is on the south end of a block of state land that is approximately 7 miles wide and 20 miles long. There are quite a few private in holdings, in and around this compartment. The west edge of the compartment borders the Menominee River, near this area there are some permanent residences, summer homes, and camps.

# **Unique Natural Features:**

The Menominee River flows along the western edge of the stand.

# Archeological, Historical, and Cultural Features:

None Known

# **Special Management Designations or Considerations:**

None within the compartment, but compartment 109 to the north and west of this compartment is a recognized Natural Area. This area is an Oak-Pine Barrens.

# Watershed and Fisheries Considerations:

The Menominee flows along the western edge of the compartment.

# Wildlife Habitat Considerations:

Currently, this compartment is mainly aspen, hardwood, and mixed lowland forest. Much of the pin oak is mature and subject to death by oak wilt infestations. Two mature stands of mixed lowland conifer will be harvested this decade. In addition, some aspen and mixed upland deciduous stands will be clear cut. Scattered oak and pine trees will be retained within mixed upland deciduous stands to benefit wildlife and provide a future seed source. Management activities this decade will encourage white pine and oak regeneration in mixed oak-hardwood stands that have a pine component present. Mechanical scarification may be considered if we are unable to get adequate regeneration following harvests. Wildlife staff encourages the protection of healthy mature oaks wherever they are found and enhancement of acorn production by thinning around the tops of mast-producing trees.

# Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of an end moraine of coarse-textured till, glacial outwash sand and gravel and postglacial alluvium, and lacustrine sand and gravel. The glacial drift thickness varies between 10 and 50 feet. Beneath the glacial drift is the Cambrian Munising Formation. The Munising may have been used as a building stone in the past and it overlies Precambrian-aged rocks that may have metallic and non-metallic mineral potential. State land is currently leased more than two miles to the northeast for metallic mineral exploration. Much of Section 36 is classified as non-leasable. No gravel pits

are located in the area and potential appears to be limited. No economic oil and gas production has been found in the UP.

### Vehicle Access:

There are a number of two track roads through this compartment that originate from the Z-1 road and the Sturgeon Landing Road. Access is good through most of the compartment.

### **Survey Needs:**

Three to four registered survey corners will probably need to be set.

# **Recreational Facilities and Opportunities:**

There are no developed facilities within the compartment. There is an abandoned state forest campground and access site along the Menominee River. The access site on the Menominee River is still used by the public. The main use of this area is hunting, trapping, camping, and ORV riding.

### **Fire Protection:**

Most of the compartment consists of soils that are well drained, allowing the vegetation to dry out faster than normal. Most fires in this area would be ground fires due to the vegetation. Water is available from the Menominee River and a small creek/drain running through the eastern half of the compartment.

### **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

# Report 1 – Total Acres by Cover Type and Age Class

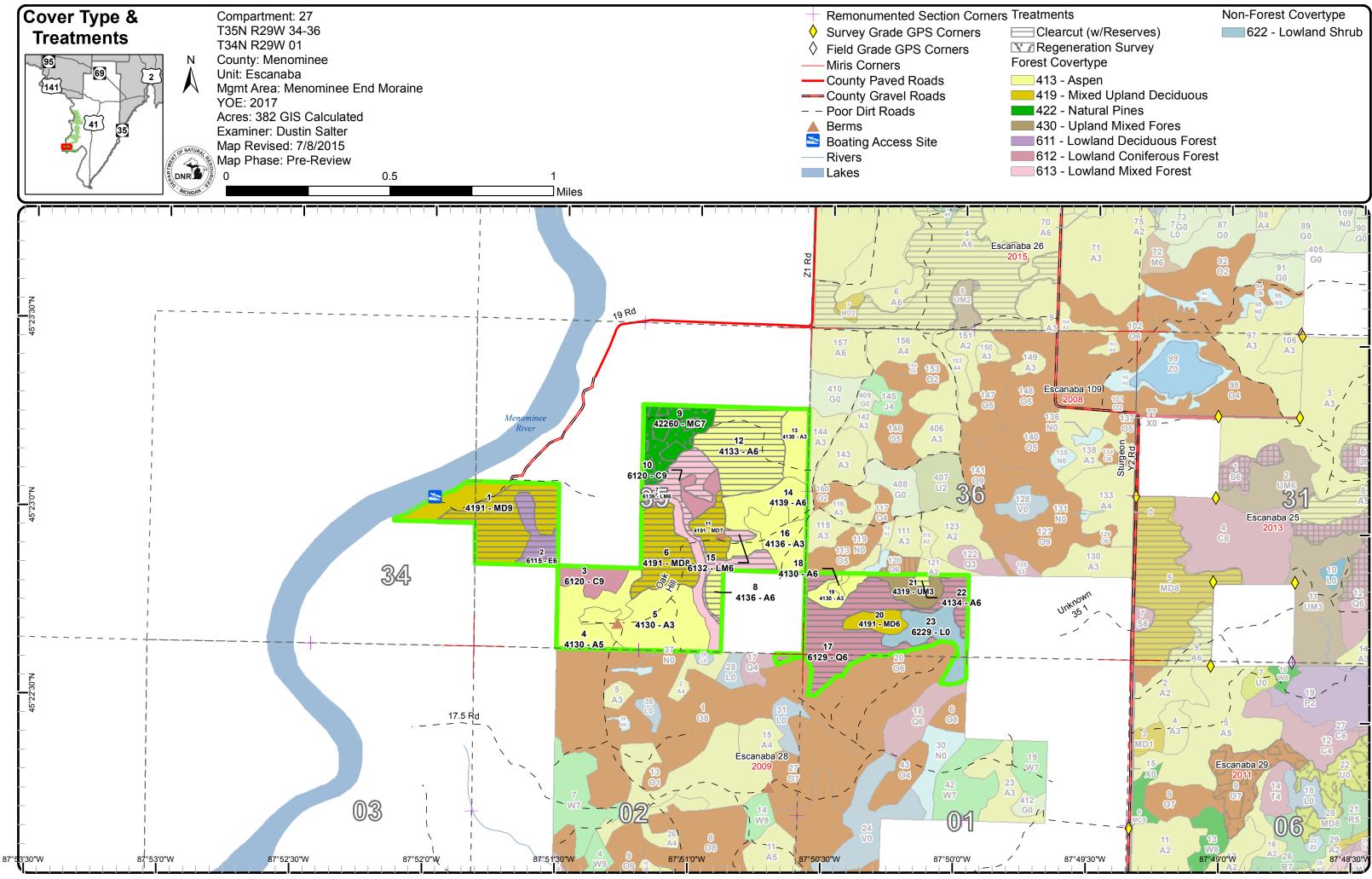
Escanaba Mgt. Unit

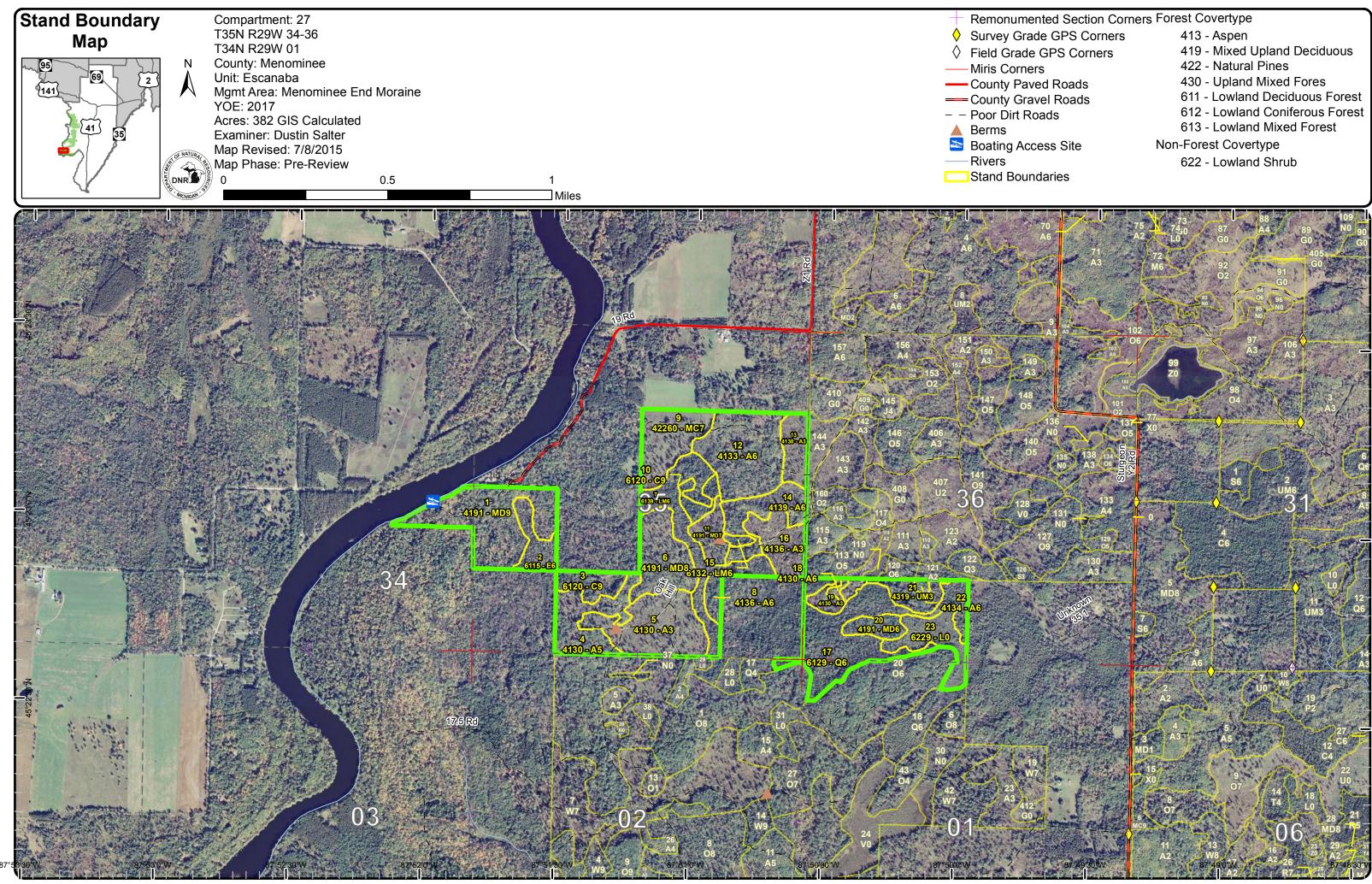
**Dustin Salter : Examiner** 

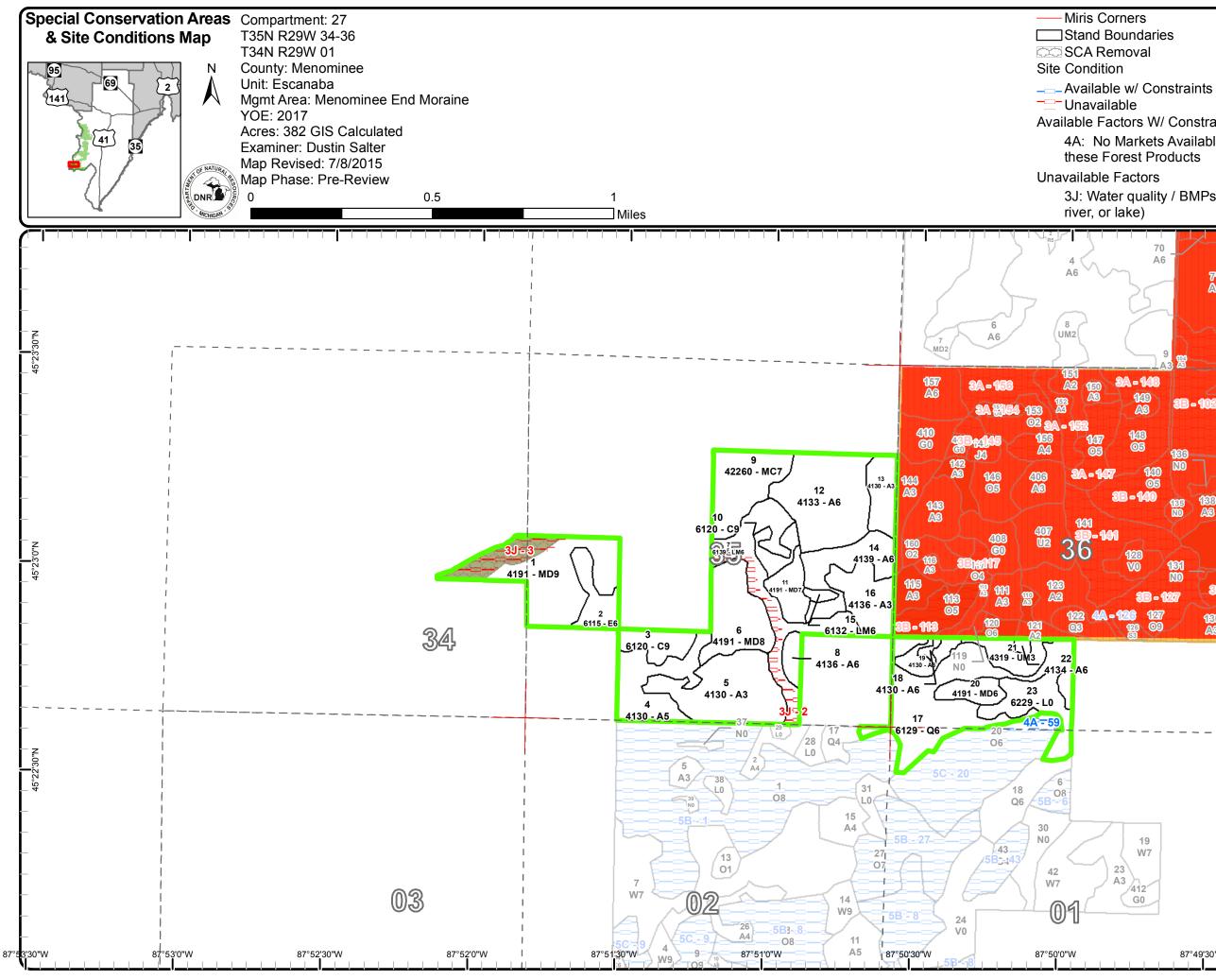


Age Class

	Nor	to start of the st	03 ×	6 <u>7</u> ,	25 25 28 - 25	°, 1	00 - 20 00 - 20 00 - 20	ŝ s	88 / R	1 <sup>6</sup> ~ ~	\$ \$ \$	6° 00'	7100 778,72	0.	62 42 423	651 var	OF IN		100 100 100 000 000 000 000 000 000 000	
Aspen	0	66	0	39	1	42	0	0	0	0	0	0	0	0	0	0	0	0	148	
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	9	6	0	0	0	0	15	
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	48	0	0	0	0	0	48	
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	2	0	31	0	0	0	0	0	33	
Lowland Shrub	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	
Mixed Upland Deciduous	0	0	0	7	0	0	0	0	0	0	74	0	0	0	0	0	0	0	81	
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0	22	
Upland Mixed Forest	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	
Total	16	66	0	55	1	42	0	0	0	0	98	0	88	6	0	0	0	10	382	







Special Conservation Areas Ecological Reference Areas Non-Dedicated Natural Areas and National Natural Landmarks Available Factors W/ Constraints 4A: No Markets Available for these Forest Products 3J: Water quality / BMPs (stream, 88 A4 70 N0 89 A6 71 A3 92 02 G0 M6 91 ©0 96 3B 95 N0 N0 102 06 97 A3 106 A3 3A-148 149 A3 99 Z0 143 05 3A-93 3 98 A3 04 7 140 05 **3B - 140** X0 133 A3 185 N0 1 S6 31 133 A4 VO 13 N( 4 3B2 12 33-127 C6 127 09 180 A3 10 5 L0/ MD8 11 UM3 Q6 S6, 10 W8 U0 19 P2 A2 )27 A3 A5 12<sup>CC6</sup> MD1 C4 19 15/ 22 U0 W7 X0 07 18 14\_\_\_\_ 412 LO T4\_\_\_\_ G0 21 28 MD8 13 11 A2 ) W8 87°49'0'₩ A2 26 87°49'30"W A287°48'30'



 Year of Entry: 2017
 Acres of Harvest
 Total Compartment Acres: 382

 Commercial Harvest - 0
 Commercial Harvest - 0
 Farvests with Site Condition - 0

 Next Step Harvest - 0
 Next Step Harvest - 0
 Farvest - 0

 Habitat Cut - 22
 Farvest - 0
 Farvest - 0

# Cover Type by Harvest Method

			Clearcut	Delection of C	Clearcut	Contraction of the second	Tellow Nood	Oceaning Oceaning	(enone)	ogradie oo	in the second	Police Police
Aspen		42	0	0	0	0	0	0	0	0	42	1
Lowland Conifers		48	0	0	0	0	0	0	0	0	48	
Lowland Deciduous		10	0	0	0	0	0	0	0	0	10	
Lowland Mixed Forest		23	0	0	0	0	0	0	0	0	23	
Mixed Upland Deciduous		63	0	0	0	0	0	0	0	0	63	
	Total	186	0	0	0	0	0	0	0	0	186	

# Proposed and Next Step Treatments by Harvest Method

			IS IS	Co Lie	O NOT	O. Cooling	and a start	Control of the second	onion of the second	on No	4 / 3	Action of the second se
Current		186	0	0	0	0	0	22	0	0	208	r
Next Step		0	0	0	0	0	0	186	0	0	186	
	Total	186	0	0	0	0	0	208	0	0	393	

S t	Escanaba Mgt. Unit Report 4 Treatments							nts	•	tment: 27 Entry: 2017	DNR DNR R
	eatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
1 3302	27001-Cut	30.6	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	97	111- 140	Harvest	Clearcut with Retention	4136 - Aspen, Mixed Conifer	Two-Aged	Proposal
Habitat ( Prescription Specs: Next Step	on Cut all to the		Site Condition ater than 4" inches; punty Road Z-1 will	- except mark					ees will be oak, pi	ne, and hemlo	ck. The area
Treatmen	_										
<u>Acceptabl</u> <u>Regen:</u>	l <u>e</u> Aspen	maple, c	oak, pine, balsam fir,	and spruce	•						
<u>Other</u> Comment	<u>:</u> two-ag maple Menon	ed stand stems tha ninee Rive	1988 on contract 0 with a mix of mature at should be harvest er. This site is not n 1-12 form Hickory [	hardwoods ed. The are naintained a	with pir a betwe nymore	he and he en the ro , but it is s	mlock over you ad and the rive still used by the	unger aspen and re- r was an old campo	d maple. There is ground and there v	a lot of poor c was an access	uality red site to the
Proposed	Start Date	-	/2016								
2 3302	27002-Cut	10.1	6115 - Lowland Ash	Poletimber Well	· 126	111- 140	Harvest	Clearcut with Retention	6117 - Lowland Deciduous, Mixed Coniferous	Even-Aged	Proposal
Habitat ( Prescription Specs:		trees gre	Site Condition ater than 3" inches;	_	to reta	in some c	edar, spruce, a	and white pine seed	I trees.		
<u>Next Step</u> Treatmen	-										
<u>Acceptabl</u> <u>Regen:</u>	l <u>e</u> A mix (	of lowland	I hardwoods and mix	ked conifers							
<u>Other</u> Comment		ash stan	d with some scatter	ed good qua	lity ced	ar. Old n	ext step comm	ents:			
Proposed	Start Date	<u>:</u> 10/1	/2016								
6 3302	27006-Cut	23.1	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Medium	· 95	1-50	Harvest	Clearcut with Retention	4121 - Oak, Aspen	Even-Aged	Proposal
Habitat ( Prescription Specs:	on Cut all	trees gre ate regen	Site Condition ater than 4" inches; eration following the	except mark	to reta chanica	in some s Ily scarify	cattered oak a the stand.	nd pine. Leave end	ough stems to hav	e 3% retentior	. If there isn't
<u>Next Step</u> Treatmen											
<u>Acceptabl</u> <u>Regen:</u>	l <u>e</u> Oak, a	spen, ma	ple, and pine.								
<u>Other</u> Comment	reduce :: especi	d there is ally the oa	erwood cut in 2009 aspen, oak, and ma ak. The oak is matu e regeneration will p	aple regener re and we a	ation. I re going	n other a g to lose t	reas where the he ability to reg	BA was left at 40 to enerate it, via stum	o 50 there is signif op sprouts if it is no	ficantly less reg	generation,
Proposed	Start Date	<u> </u>	/2016								

t		Esca	anaba Mgt. Unit		Re	eport 4	Treatme	nts	Compart Year of I	ment: 27 Entry: 2017	DNR DNR DNR
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
	33027007-Cut	20.9	6139 - Mixed Lowland Forest	Poletimber Well	· 116	111- 140	Harvest	Clearcut with Retention	6139 - Mixed Lowland Forest	Even-Aged	Proposal
			Site Condition ter than 3 inches; e ark to retain a mix	except retain				f the creek. Also ir	n areas of the stan	d that are over	<sup>-</sup> 100' feet
	<u>Step</u> tments:										
<u>Acce</u> Rege	•	aple, white	e pine, spruce, tam	arack, ceda	r, balsa	m fir, and	balm.				
<u>Other</u> Com	<u>ment:</u> some l current	high quality Iy we don't	vland hardwood and v tamarack. The Ea t have the exact po step comments:	astern Larch	Beetle	has alrea	dy caused pock	kets of tamarack m	ortality. The treat	ment area is a	pproximate,
Prop	osed Start Date	<u>:</u> 10/1 /	/2016								
8	33027008-Cut	4.5	4136 - Aspen, Mixed Conifer	Poletimber Well	· 48	81-110	Harvest	Clearcut	413 - Aspen	Even-Aged	Proposal
Treat	• •	maple, oa	ak, pine, balsam fir	and spruce.							
<u>Other</u> Com	ment:		mature aspen and	balsam fir w	ith olde	er pine and	d oak. Old next	step comments:			
<u>Other</u> Com			·	balsam fir w Sawtimber		r pine and	d oak. Old next Monitoring	step comments: Natural Regen	4310 - Pine,	Two-Aged	Proposal
Other Comi Prope	ment: osed Start Date	<u>:</u> 10/1 /	/2016						4310 - Pine, Oak Mix	Two-Aged	Proposal
Othe Com Propo 9 Habi Preso Spec Next	ment: osed Start Date 33027009- Monitor itat Cut: Yes cription Check	<u>:</u> 10/1 / 22.2 for regene	/2016 42260 - Natural Pine, Mixed	Sawtimber Poor	· 95	1-50	Monitoring	Natural Regen (Intermediate)	Oak Mix	U	·
Othe Com Propo 9 Habi Preso Spec Next Treat	ment: osed Start Date 33027009- Monitor <u>itat Cut:</u> Yes cription Check s: plant re Step tments: eptable Pine, c	10/1 / 22.2 for regene ed pine per	/2016 42260 - Natural Pine, Mixed Deciduous Site Condition ration in 3 years to TMS instructions.	Sawtimber Poor	· 95	1-50	Monitoring	Natural Regen (Intermediate)	Oak Mix	U	·
Othel Comi Propo 9 Habi Preso Spec Next Treat Acce Rege	ment: osed Start Date 33027009- Monitor itat Cut: Yes cription Check sciption Check plant re Step tments: eptable Pine, c en: This st ment: on FTF pine to oaks th adequa	tion 10/1 / 22.2 for regene ed pine per pak, aspen, and was sh 2 33-668 in seed in. T nat were cu ately regen	/2016 42260 - Natural Pine, Mixed Deciduous Site Condition ration in 3 years to TMS instructions.	Sawtimber Poor determine i 010 on cont 2 with a doze now when I uted, but the ould be clea	f mecha f mecha ract 024 er and s ooked a e ones a rcut and	1-50 anical scar I-07-01. ( kidder wit at it, will ha	Monitoring rification was ef Dverall there was h anchor chains ave to check ag edges of the sta	Natural Regen (Intermediate) fective. If the stan as about 20 BA reta s. The purpose wa jain later in the yea and have been hea	Oak Mix d hasn't adequate ained. This stand as to expose miner ar when the snow is vily browsed by de	ly regenerate of was mechanic ral soil to allow s gone. Quite eer. If this star	ally scarified the oak and a few of the d does not

Escanaba Mgt. Unit S t a					Re	eport 4	Treatme	ents	Compart Year of E	ment: 27 Entry: 2017	TOP NATURAL PLAN OURCES
n Trea	atment ame	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
11 33027	7011-Cut	9.2	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Poor	95	1-50	Harvest	Clearcut with Retention	4122 - Oak, Pine	Two-Aged	Proposal
Habitat C Prescription Specs:	<u>n</u> Cut all		Site Condition ater than 4" inches; eration following the	- except mark				nd pine. Leave en	ough stems to have	e 3% retention	. If there isn't
<u>Next Step</u> Treatments	<u>:</u>										
<u>Acceptable</u> Regen:	_ Oak, p	ine, asper	n, maple, and spruc	e/fir.							
<u>Other</u> <u>Comment:</u> Proposed S	was re especia aspen	duced the ally the oa and maple	erwood cut in 2009 rre is aspen, oak, ar ak. The oak is matu e regeneration will p /2016	nd maple reg ire and we ai	enerati e going	on. In oth g to lose t	her areas where	e the BA was left at generate it, via stum	40 there is signific	antly less rege	eneration,
12 33027		36.7	4133 - Aspen,	Poletimber	49	81-110	Harvest	Clearcut with	413 - Aspen	Even-Aged	Proposal
Habitat C Prescriptior Specs:		trees grea	Mixed Pine Site Condition ater than 3" inches;	-	enoug	h retentio	n patches and	Retention scattered oak and	pine to have 3% re	tention.	
<u>Next Step</u> Treatments	<u>:</u>										
<u>Acceptable</u> Regen:	_ Aspen,	oak, and	pine.								
<u>Other</u> Comment:	Good o	luality asp	pen stand with some	e dense pock	tets of v	white pine	. Old next step	p comments:			
Proposed S	Start Date	<u>:</u> 10/1	/2016								
15 33027	7015-Cut	1.8 	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	98	141- 170	Harvest	Clearcut	6139 - Mixed Lowland Forest	Even-Aged	Proposal
Habitat C			Site Condition								
Prescriptior Specs:			ater than 3" inches; due to the small sta		some	scattered	cedar, spruce,	and white pine for	a seed source and	diversity. The	ere will not be
<u>Next Step</u> Treatments	<u>:</u>										
Acceptable Regen:	_ Tamara	ack, spruc	ce, white pine, ceda	r, ash, and re	ed map	le.					
<u>Other</u> Comment:	Mature comme		wland stand with over	erall low qua	lity. Th	ere is alre	eady some tam	narack mortality from	n the Eastern Larc	h Beetle. Old	next step
Proposed S	Start Date	<u>:</u> 10/1	/2016								
17 33027	7017-Cut	47.5	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	117	81-110	Harvest	Clearcut with Retention	6121 - Tamarack	Even-Aged	Proposal
Habitat C	ut: No		Site Condition	:							
		trees grea	ater than 3" inches;		to reta	in some c	edar seed tree	es/clumps. Leave e	nough residual to l	nave 3% reten	tion.
<u>Next Step</u> Treatments	<u>::</u>										
<u>Acceptable</u> <u>Regen:</u>	_ Tamara	ack, ceda	r, spruce, balsam fii	, and ash.							
<u>Other</u> Comment:			d has good quality n astern Larch Beetle				ality cedar mix	ed in. There are po	ockets of tamarack	mortality throu	ighout the
Proposed S	Start Date	<u>:</u> 10/1	/2016								

S t		Esca	anaba Mgt. Unit		Re	eport 4	Treatme	nts	Compar Year of	OF NATURAL PRODUCT	
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
22	33027022-Cut	1.2	4134 - Aspen, Spruce/Fir	Poletimber Well	r 47	81-110	Harvest	Clearcut	413 - Aspen	Even-Aged	Proposal
<u>Spec</u> <u>Next</u> <u>Trea</u>	<u>cs:</u> <u>Step</u> tments: eptable_ Aspen,	Ū	ter than 3" inches. , spruce/fir.	No retention	n will be	e left due	to the small star	nd size.			
<u>Othe</u> Com	er Good o Iment:	uality asp	en stand with a miz	x of other spo	ecies m	ixed in. (	Old next step co	mments:			
<u>Prop</u>	osed Start Date	<u> </u>	/2016								
A	Total Treatme Creage Propos	2	07.7								

Escanaba Mgt. Unit

Compartment: 27 Year of Entry: 2017

# Dustin Salter : Examiner

**Dominant Site Conditions** 

Aspen
Cedar
Lowland Conifers
Lowland Deciduous
Lowland Mixed Forest
Lowland Shrub
Mixed Upland Deciduous
Natural Mixed Pines
Upland Mixed Forest
Total Forested Acres
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.

Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
Unavailable	3J: Water quality / BMPs (stream, river, or lake)	10	3L: Other wildlife concerns	Unspecified	Unspecified	Unspecified
<b>Comments:</b> This part of stand 7	provides a buffer along a sma	all creek t	hat flows through part of t	he stand. This stand also	provides a riparian corrido	r for wildlife.
Unavailable	3J: Water quality / BMPs (stream, river, or lake)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This stand provides	a buffer along the Menomine	e River a	nd also protects an old sta	ate forest campground and	access site.	
Available	4A: No Markets Available for these Forest Products	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						
	Cond Availability Unavailable Comments: This part of stand 7 Unavailable Comments: This stand provides Available	Cond AvailabilityDominant Site ConditionUnavailable3J: Water quality / BMPs (stream, river, or lake)Comments:This part of stand 7 provides a buffer along a smallUnavailable3J: Water quality / BMPs (stream, river, or lake)Comments:This stand provides a buffer along the Menomined AvailableAvailable4A: No Markets Available for these Forest Products	Cond AvailabilityDominant Site ConditionAcresUnavailable3J: Water quality / BMPs (stream, river, or lake)10Comments:Image: Comment of Stand 7 provides a buffer along a small creek to the stand is part of Stand 7 provides a buffer along a small creek to the stand of Stand 7 provides a buffer along a small creek to the stand of Stand 7 provides a buffer along a small creek to the stand provides a buffer along the Menominee River a stand provides a buffer along the Menominee River a stand provides a buffer along the Menominee River a for these Forest Products3	Cond AvailabilityDominant Site ConditionAcresOther Site ConditionUnavailable3J: Water quality / BMPs (stream, river, or lake)103L: Other wildlife concernsComments:This part of stand 7 provides a buffer along a small creek that flows through part of tUnavailable3J: Water quality / BMPs (stream, river, or lake)11UnspecifiedComments:This stand provides a buffer along the Menominee River and also protects an old stateAvailable4A: No Markets Available for these Forest Products3Unspecified	Cond AvailabilityDominant Site ConditionAcresOther Site ConditionOther Site ConditionUnavailable3J: Water quality / BMPs (stream, river, or lake)103L: Other wildlife concernsUnspecifiedComments: This part of stand 7 provides a buffer along a small creek that flows through part of the stand. This stand alsoUnspecifiedUnavailable3J: Water quality / BMPs (stream, river, or lake)11UnspecifiedUnavailable3J: Water quality / BMPs (stream, river, or lake)11UnspecifiedComments: This stand provides a buffer along the Menominee River and also protects an old state forest campground and for these Forest Products3UnspecifiedAvailable4A: No Markets Available for these Forest Products3Unspecified	Cond AvailabilityDominant Site ConditionAcresOther Site ConditionOther Site ConditionOther Site ConditionUnavailable3J: Water quality / BMPs (stream, river, or lake)103L: Other wildlife concernsUnspecifiedUnspecifiedComments: This part of stand 7 provides a buffer along a small creek that flows through part of the stand. This stand also provides a riparian corridorUnspecifiedUnspecifiedUnavailable3J: Water quality / BMPs (stream, river, or lake)11UnspecifiedUnspecifiedUnavailable3J: Water quality / BMPs (stream, river, or lake)11UnspecifiedUnspecifiedComments: This stand provides a buffer along the Menominee River and also protects an old state forest campground and access site.Stand provides a buffer along the Menominee River and also protects an old state forest campground and access site.Available4A: No Markets Available for these Forest Products3UnspecifiedUnspecified



## 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	Potential Old Growth		SCA Removal	6
<b>Comments</b> This stand is listed a	s potential old growth. This stand contains	the old boat access site for the old	d campground. This stand is	adiacent to
	r. Nice hardwood stand, which contains so			
Unspecified	Potential Old Growth		SCA Removal	4

# Comments

This stand is listed as potential old growth. This stand contains the old Menominee River Campground. It has a mature overstory with a thick understory of hardwood species. A white pine has recently been illegaly cut.



# Report 7 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

Conservat Area	ion Type	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Non-Dedicated Natural Areas and National Natural Landmarks	This category is comprised of those Natural, Wilderness and Wil proposed for legal dedication, but for which legal dedication by le nomination process is defined by Part 351, Wilderness and Natu Environmental Protection Act, 1994 PA 451. The program is adm require the submittal of a Natural Areas Nomination Packet to the proposed sites in various stages of review. Final dedication of no Areas is accomplished through legislative action.	egislature has not occurred. The ral Areas, of the Natural Resources and ninistered by the DNR. Nominations e DNR. This is an active program, with
HCVA	Legally dedicated Natural Areas, Wilderness or Wild Areas	The nomination process is defined by Part 351, Wilderness and and Environmental Protection Act, 1994 PA 451. The program is require the submittal of a Natural Areas Nomination Packet to the proposed sites in various stages of review. Final dedication of no Areas is accomplished through legislative action.	administered by the DNR. Nominations e DNR. This is an active program, with
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of identified as Element Occurrences (EOs) by the Michigan Natura context of their natural community classification system. Element (Excellent) or B (Good) and a Global (G) or State (S) element (ra threatened (2), or rare (3) serve as an initial base of ERAs. They the State. The system is comprised of individual or associations managed for restoration and maintenance of natural ecological p submit recommendations for lands as ERAs using the DNR Cons	al Features Inventory (MNFI) within the t Occurrences with viability ranks of A urity) ranking of endangered (1), may be located upon any ownership in of natural community types that are processes and values. The public may

S t	Escanaba	a Mgt. Unit		Report 8	- Forested	Stands	Compartment: 27 Year of Entry: 2017	OF NATURAL RESOURCE
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range		General Comments:	MICHIGAN
1	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	41.9	97	111-140	species were cur marked to cut. Thi hardwoods with pin- maple. There is should be harvester was an old campg Menominee River. still used by the pu	988 on contract 019-87-01. All t and the other longer lived spec is is a two-aged stand with a mis e and hemlock over younger as a lot of poor quality red maple s d. The area between the road a rround and there was an access This site is not maintained anym blic. There was a strip of Bittern it died out in 2011-12 form Hicko	ties were of mature ben and red tems that and the river site to the hore, but it is hut Hickory
2	6115 - Lowland Ash	Poletimber Well	10.1	126	111-140	Mature ash stand	d with some scattered good qua	lity cedar.
3	6120 - Lowland Cedar	Sawtimber Well	9.2	115	Unspecified	Good quality ceda	r stand that provides good winte	ering cover.
4	4130 - Aspen	Poletimber Medium	21.2	26	Immature		t in 1989 on contract 019-87-01; s retained. The aspen is average	
5	4130 - Aspen	Sapling Well	33.1	5	Immature	pine and oak we	in 2010 on contract 024-07-01; e re marked to retain. This stand spen with a significant amount o maple mixed in.	has fully
6	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Medium	23.1	95	1-50	There was about 40 where the BA was regeneration. In oth there is significantly oak is mature and w it, via stump sprouts	rwood cut in 2009 on contract 02 BA of mixed species retained. s reduced there is aspen, oak, a her areas where the BA was left less regeneration, especially th ve are going to lose the ability to s if it is not harvested soon. Also meration will provide too much s regenerate the oak.	In the areas and maple at 40 to 50 be oak. The regenerate b, the aspen
7	6139 - Mixed Lowland Forest	Poletimber Well	31.3	116	111-140	small creek that flo end of the stand has	nd hardwood and conifer stand. ows through parts of this stand. s some high quality tamarack. ready caused pockets of tamara	The north The Eastern
8	4136 - Aspen, Mixed Conifer	Poletimber Well	4.5	48	81-110	Stand is a mix of m	nature aspen and balsam fir with and oak.	n older pine
9	42260 - Natural Pine, Mixed Deciduous	Sawtimber Poor	22.2	95	1-50	Overall there was mechanically scarific a dozer and skidde expose mineral soil was 8"+ of snow w later in the year whe that were cut hav edges of the stand stand does not ac clearcut and planted	terwood cut in 2010 on contract is about 20 BA retained. This st ed on FTP 33-668 in November er with anchor chains. The purp to allow the oak and pine to see then I looked at it, will have to cl in the snow is gone. Quite a few e stump sprouted, but the ones have been heavily browsed by of dequately regenerate this stand d with red pine. Check the regen- nine if any other treatments are the	and was of 2012 with ose was to ed in. There neck again v of the oaks along the deer. If this should be neration in 3
10	6120 - Lowland Cedar	Sawtimber Well	5.6	129	141-170		edar stand, but some of the ceda s stand provides good winter cov	

S t	Escanaba Mgt. Unit			Report 8 – Forested Stands			Compartment: 27 Year of Entry: 2017	
t a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range		General Comments:	He Michigan
11	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Poor	9.2	95	1-50	There was about 30 to areas where the BA maple regeneration. In there is significantly les oak is mature and we a it, via stump sprouts if i and maple regener	chelterwood cut in 2009 on contract 024-07-01. but 30 to 40 BA of mixed species retained. In the e the BA was reduced there is aspen, oak, and ration. In other areas where the BA was left at 40 cantly less regeneration, especially the oak. The and we are going to lose the ability to regenerate brouts if it is not harvested soon. Also, the aspen e regeneration will provide too much shade to regenerate the oak.	
12	4133 - Aspen, Mixed Pine	Poletimber Well	36.7	49	81-110	Good quality aspen st	and with some dense pocke pine.	ts of white
13	4130 - Aspen	Sapling Well	10.6	6	Immature	Stand was clearcut in 2009 on contract 024-07-01. All oak and pine were retained. The stand has fully regenerated with aspen.		
14	4139 - Aspen, Mixed Deciduous	Poletimber Well	17.7	27	Immature	pine and oak was r regenerated to a mix of dense pockets of the r	vas clearcut in 1988 on contract 025-87-01; except some e and oak was retained. Overall the stand has fully rated to a mix of aspen, oak, and red maple. With some pockets of the residual oak and pine, especially on the west side of the stand.	
15	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	1.8	98	141-170		stand with overall low quality mortality from the Eastern I	
16	4136 - Aspen, Mixed Conifer	Sapling Well	16.5	7	Immature	acres of this stand or placed around it. There of this stand in the 1980	vas clearcut in 2007-08 on contract 023-07-01. About 4 of this stand oak wilt, which had a vibratory plow line round it. There was also another oak wilt pocket cut out tand in the 1980's in the southeastern part of the stand. tand has fully regenerated to a mix of aspen and oak.	
17	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	47.5	117	81-110	quality cedar mixed in.	good quality mature tamarac There are pockets of tamara and from the Eastern Larch I	ack mortality
18	4130 - Aspen	Poletimber Well	1.2	38	1-50		pen, the stand is growing ve nerchantable stems to harve	
19	4130 - Aspen	Sapling Well	5.9	7	Immature	pine, oak, and cedar regenerated with aspen	008 on contract 023-07-01; e were retained. Most of the s except the southern part is h percentage of the oak that stump sprouted.	stand has filling in with
20	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	7.0	26	Immature	Stand was clearcut in 1989 on contract 025-87-01; except the mature oak was retained. Stand is fully stocked with a wide variety of species, manage this stand on a 50 to 60 year rotation.		
21	4319 - Mixed Upland Forest	Sapling Well	8.7	25	51-80	pine and oak was retain	and was clearcut in 1990 on contract 025-87-01; except some ne and oak was retained. Parts of this stand has dense aspen nd other areas have a mix of conifer regeneration. The stand is fully stocked.	
22	4134 - Aspen, Spruce/Fir	Poletimber Well	1.2	47	81-110	Good quality aspen sta	and with a mix of other speci	es mixed in.

Compartment: 27 Year of Entry: 2017



Stand	Cover Type	Acres	Managed Site	General Comments:
23	6229 - Mixed lowland shrub	16.2	No	Thick tagalder swamp with scattered tamarack and cedar.