



**Roscommon Forest Management Unit**  
**Compartment Review Presentation**  
**Compartment #38**                      **Entry Year: 2014**  
**Compartment Acreage: 1002**   **County: Roscommon**

---

**Revision Date:** 1/4/2012

**Stand Examiner:** Dale Ekdom

**Legal Description:** T24N R02W Sections 31 and 32

**Identified Planning Goals:** Au Sable Outwash Eco-Regional Management Area

**Management Goals:** Maintain current age and species diversity in a range of early and late succession ecosystems.

**Soil and Topography:** Terrain in the compartment varies from hilly upland to flat and wet. Section 31 is mostly taken up with Six Mile Hill and Section 32 is mostly Robinson Creek Flooding. Soils are Rubicon and Saugatuck sands on the uplands and Rifle peat in the lowlands.

**Ownership Patterns, Development, and Land Use in and Around the Compartment:** Compartment is a solid block of state land with a few private in-holdings. The private land in Section 31 is mostly year-round residential homes on larger acreages and the private land in Section 32 is seasonal cabins on land used for hunting. The compartment is mostly surrounded by state lands and I-75 bisects the compartment north to south.

**Unique, Natural Features:** One record of osprey nesting on Robinson Creek Flooding and one record of secretive locust elsewhere in the compartment.

**Archeological, Historical, and Cultural Features:** None known or detected during fieldwork.

**Special Management Designations or Considerations:** Robinson Creek, a tributary of the South Branch of the Au Sable River, and portions of those stands on both sides of the creek are natural river HCVA's.

**Watershed and Fisheries Considerations:** Robinson Creek and Robinson Creek Flooding.

**Wildlife Habitat Considerations:** Maintain ecosystem diversity in the compartment via habitat manipulation to benefit game species such as deer, grouse, rabbits, turkeys, waterfowl, as well as other non-game species.

**Mineral Resource and Development Concerns and/or Restrictions:** Surface sediments consist of ice-contact and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 200 and 600 feet. Beneath the glacial drift is the Mississippian Michigan Formation that is quarried for gypsum in other areas of the State. Most of the good gravel pits are associated with upland areas. The nearest gravel pit is located one and one-half miles to the west and six mile hill should have potential. St. Helen Field lies four miles to the northeast. The field has produced over 8.7 million BO and 14.7 Bcf gas

from the Devonian Richfield Formation. It is in secondary recovery operations currently. None of the State land is currently leased in the compartment, but leases are located just to the west.

**Vehicle Access:** Vehicle access to most of the compartment is good via seasonal county roads and forest two-tracks. Existing access is adequate for current needs.

**Survey Needs:** None necessary at this time.

**Recreational Facilities and Opportunities:** No organized recreational site or trails but compartment is heavily used for dispersed recreation such as deer and waterfowl hunting.

**Fire Protection:** Compartment has no recent history of any fires, low incidence of wildland-urban interface despite the large amount of private in-holdings, no large concentrations of high hazard fuel types, numerous natural and man-made barriers to fire spread, and is in close proximity to fire suppression forces.

**Additional Compartment Information:** Treatments proposed include 99 acres of regeneration cuts in aspen, oak, and jack pine, 24 acres of thinning in oak, 42 acres of site prep/plant red pine, and 10 acres of opening maintenance.

➤ **The following reports from the Inventory are attached:**

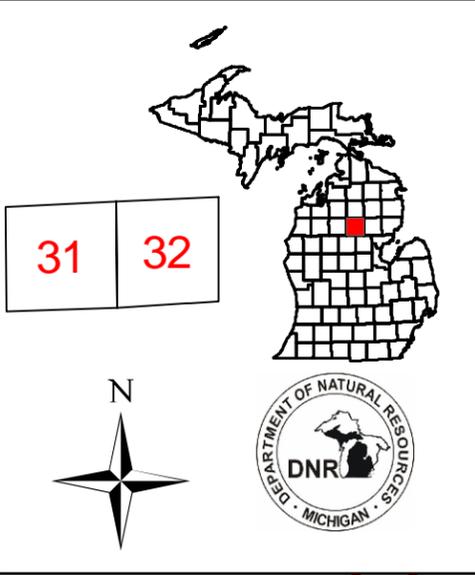
- ◆ **Total Acres by Cover Type and Age Class**
- ◆ **Proposed Treatment Summary**
- ◆ **Proposed Treatments – No Limiting Factors**
- ◆ **Proposed Treatments – With Limiting Factors**
- ◆ **Stand Details (Forested and Nonforested)**
- ◆ **Dedicated and Proposed Special Conservation Areas**

➤ **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**

# Cover Type & Treatment Map

Compartment: 38  
 T24N R02W Sec. 31, 32  
 County: Roscommon  
 Unit: Roscommon  
 YOY: 2014  
 Acres: 1,002 GIS Calculated  
 Examiner: Dale Ekdorn  
 Map Revised: 08/07/2012  
 Map Phase: Pre-Review



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

### Legend

- Miris Corners
- Interstate Highway
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Closed Roads
- Pipeline
- Powerline
- ORV Trails
- ORV Trail
- Stream
- Intermittent Stream
- Lakes and Rivers

### Treatments

- Clearcut (w/Reserves, Patch/Strip)
- Seed Tree (w/Reserves)
- Thinning (Crown, Low, Systematic)
- Site Preparation
- Other Treatment - See Comments

### Planned Regeneration

- Natural

### Forest Stands

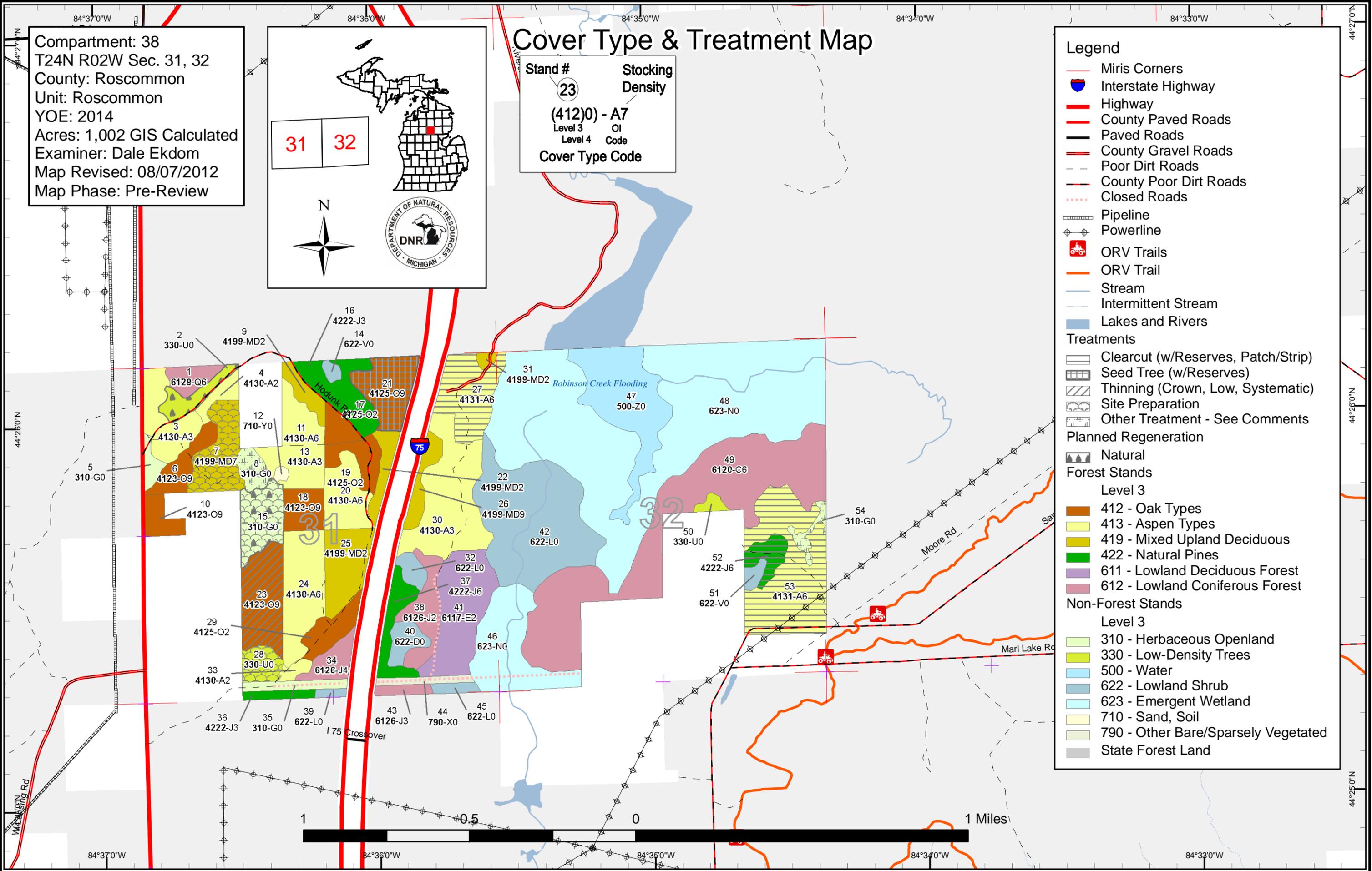
**Level 3**

- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest

### Non-Forest Stands

**Level 3**

- 310 - Herbaceous Openland
- 330 - Low-Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 710 - Sand, Soil
- 790 - Other Bare/Sparse Vegetated
- State Forest Land







**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	3	18	114	0	50	0	0	0	0	0	0	0	0	24	209
Bare/Sparsely Vegetated	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Bog	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	0	104	104
Herbaceous Openland	35	0	0	0	0	0	0	0	0	0	0	0	0	0	35
Jack Pine	0	17	18	4	0	7	0	19	0	0	0	0	0	0	64
Low-Density Trees	17	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Lowland Conifers	0	0	0	0	0	0	0	0	0	7	0	0	0	0	7
Lowland Deciduous	0	0	34	0	0	0	0	0	0	0	0	0	0	0	34
Lowland Shrub	78	0	0	0	0	0	0	0	0	0	0	0	0	0	78
Marsh	243	0	0	0	0	0	0	0	0	0	0	0	0	0	243
Mixed Upland Deciduous	27	0	6	0	0	0	0	0	0	7	0	0	0	19	60
Oak	6	0	19	0	0	7	0	0	10	33	0	0	0	19	93
Sand, Soil	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Treed Bog	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Water	42	0	0	0	0	0	0	0	0	0	0	0	0	0	42
<b>Total</b>	<b>467</b>	<b>35</b>	<b>191</b>	<b>4</b>	<b>50</b>	<b>14</b>	<b>0</b>	<b>19</b>	<b>10</b>	<b>47</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>166</b>	<b>1002</b>



## Table 2 – Proposed Treatment Summaries

**Roscommon Mgt. Unit**  
**Year of Entry 2014**

**Compartment 038**  
**Total Compartment Acres: 1002**

### Acres by Treatment Type

Commercial Harvest - 123	Site Prep - 43	Tree Planting - 0	Prescribed Burn - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 9	Tree Seeding - 0	Pesticide - 0	

### 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>
<b>Aspen</b>	74	0	0	0	0	0	74
<b>Jack Pine</b>	7	0	0	0	0	0	7
<b>Oak</b>	0	0	19	0	24	0	42
<b>Total</b>	81	0	19	0	24	0	123



Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
21	71038021-Cut	18.6	4125 - Black, N. Pin Oak	High Density Log	90	111-140	Harvest	Seed Tree with Reserves	4125 - Black, N. Pin Oak	Cmpt. Review Proposal
<p><u>Prescription</u> seed tree cut leaving large crowned oak in areas which have sparser oak regeneration currently, favor well formed White Oak over poorly formed black/pin oak, leave R/W pine for diversity, retention, and visuals on I-75, shortwood cut to protect existing regeneration</p> <p><u>Specs:</u></p> <p><u>Other</u> will need to build a road into this stand from the south-west off Hodunk Road</p> <p><u>Comments:</u></p> <p><u>Next Steps:</u> alternate regeneration will be jack pine if oak regeneration fails</p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
23	71038023-Cut	23.5	4123 - Red Oak	High Density Log	90	111-140	Harvest	Crown Thinning	4123 - Red Oak	Cmpt. Review Proposal
<p><u>Prescription</u> thin to 90 SF taking poorly formed oaks, favor well formed White Oak over poorly formed red/black/pin oak, shortwood cut to limit skidding</p> <p><u>Specs:</u> damage to residual merchantable trees and regeneration</p> <p><u>Other</u> close main skid trail when sale is complete</p> <p><u>Comments:</u></p> <p><u>Next Steps:</u></p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
27	71038027-Cut	23.8	4131 - Aspen, Oak	High Density Pole	46	81-110	Harvest	Clearcut with Reserves	4131 - Aspen, Oak	Cmpt. Review Proposal
<p><u>Prescription</u> final harvest and manage for aspen/oak, buffer up to 50% of Robinson Creek Flooding for retention, mark large crowned oak in clumps - especially WO for seed/mast, leave R/W pine for diversity and visual on I-75</p> <p><u>Specs:</u></p> <p><u>Other</u> use "rabbit" spec along flooding where cut goes all the way to the flooding</p> <p><u>Comments:</u></p> <p><u>Next Steps:</u></p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
52	71038052-Cut	7.1	42220 - Natural Jack Pine	High Density Pole	59		Harvest	Clearcut with Reserves	42220 - Natural Jack Pine	Cmpt. Review Proposal
<p><u>Prescription</u> final harvest and manage for jack pine, scatter and leave tops for seed source</p> <p><u>Specs:</u></p> <p><u>Other</u></p> <p><u>Comments:</u></p> <p><u>Next Steps:</u> trench/seed jack pine if natural JP regeneration fails</p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
53	71038053-Cut	50.1	4131 - Aspen, Oak	High Density Pole	46	111-140	Harvest	Clearcut with Reserves	4131 - Aspen, Oak	Cmpt. Review Proposal
<u>Prescription</u> final harvest and manage for aspen/oak, mark good oak seed trees for mast/seed, leave all R/W pine for diversity, mark out areas heavy to <u>Specs:</u> sapling/pole size oak and eliminate from the sale - approve smaller sale size at CR- buffer managed wildlife opening and swamp as needed for retention  <u>Other</u> <u>Comments:</u>  <u>Next</u> if needed, plant jack pine on the north end and red pine on the south end as alternate regeneration if aspen/oak regeneration fails <u>Steps:</u>  <u>Proposed</u> <u>Start Date:</u> 10/01/2013										
7	71038007- Prep	19.2	4199 - Other Mixed Upland Deciduous	Low Density Log	89		Site Prep	Chopping	42111 - Planted Red Pine, Mixed Deciduous	Cmpt. Review Proposal
<u>Prescription</u> rollerchop to reduce RM competition, weave around large over-story oaks and as much pole size WP as possible <u>Specs:</u>  <u>Other</u> protect managed wildlife opening <u>Comments:</u>  <u>Next</u> trench/plant RP <u>Steps:</u>  <u>Proposed</u> <u>Start Date:</u> Unspecified										
15	NF_71038015- Prep	16.0	3102 - Grass				Site Prep	Trenching	42111 - Planted Red Pine, Mixed Deciduous	Cmpt. Review Proposal
<u>Prescription</u> trench/plant RP, trench around areas with heavy aspen regeneration <u>Specs:</u>  <u>Other</u> protect managed wildlife opening <u>Comments:</u>  <u>Next</u> <u>Steps:</u>  <u>Proposed</u> <u>Start Date:</u> Unspecified										
28	NF_71038028- Prep	7.4	3301 - Low Density Deciduous Trees				Site Prep	Chopping	42111 - Planted Red Pine, Mixed Deciduous	Cmpt. Review Proposal
<u>Prescription</u> rollerchop to reduce RM competition before planting <u>Specs:</u>  <u>Other</u> may need herbicide to release RP seedlings at some point <u>Comments:</u>  <u>Next</u> trench/plant RP <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
8	NF_71038008- NonFor	5.9	3102 - Grass				Non-Forest Management	Other - Specify	31021 - Cool Season Grass	Cmpt. Review Proposal
<u>Prescription</u> opening maintenance as specified by WLD										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u>										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
54	NF_71038054- NonFor	3.6	3102 - Grass				Non-Forest Management	Other - Specify	31021 - Cool Season Grass	Cmpt. Review Proposal
<u>Prescription</u> opening maintenance as specified by WLD										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u>										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
<b>Total Treatment Acreage Proposed: 175.1</b>										

Table 4 -- Treatments Prescribed with  
a Limiting FactorS  
t  
a  
n  
d

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

#Error

Prescription  
Specs:

Other  
Comment:

Next  
Steps:

Proposed  
Start Date: #Error

Limiting Factor and No  
Treatment Reason

**Total Treatment**  
**Acreage Proposed: 0**

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
----------------	-------	-----------	--------------	-----------	----------	----------------	------------------	----------------------	-----------------

---

Prescription  
Specs:

Other  
Comments:

Next  
Steps:

Proposed  
Start Date: #Error

---

**Total Treatment  
Acreage Proposed: 0**



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	6129 - Mixed Coniferous Lowland Forest	High Density Pole	6.7	96		wet conifer swamp, heavy BF u.s.
3	4130 - Aspen	High Density Sapling	17.8	23		cut in 1988, aspen/oak growing well, scattered WP poles left as residual, should be A6 next YOE
4	4130 - Aspen	Medium Density	4.8	15		cut in 1996, east end regenerated well to A3, west end is more open with scattered RM saps, WP poles, and Oakj SL
6	4123 - Red Oak	High Density Log	10.2	89	81-110	2 Aged stand with oak SL and W3, hold until WP is larger/taller and stand to the east has grown up more
7	4199 - Other Mixed Upland Deciduous	Low Density Log	19.2	Uneven Age		2 Aged-Multi-aged stand, stand was thinned once in 1996 by removing RM & Aspen and most of the over-story was removed in 2009, some RM regeneration from the thinning but little oak stump sprouting or oak seedlings from the over-story removal, possibly trench/plant RP after roller-chopping
9	4199 - Other Mixed Upland Deciduous	Medium Density	6.1	23		cut 1998, all species growing well
10	4123 - Red Oak	High Density Log	6.9	58	141-170	nice SL oak stand with scattered areas heavy to aspen
11	4130 - Aspen	High Density Pole	10.5	23		high SI aspen transitioning to A6, cut 1988 and growing well
13	4130 - Aspen	High Density Sapling	13.3	15		cut 1996 and regenerated well to A3
16	42221 - Natural Jack Pine, Mixed Deciduous	High Density Sapling	17.2	15		nice natura; J3 stand with a few sparse/wetter spots, small inclusion of pole-size O/WP in NW corner,
17	4125 - Black, N. Pin Oak	Medium Density	5.6	3		cut 2009 and regenerated fairly well to oak, some bare spots but overall stand is moderately stocked, good mix of seedling and stump sprout origin oak saps mixed with WP poles
18	4123 - Red Oak	High Density Log	9.6	90	141-170	mature oak stand on slope of hill, hill slopes to SE, stand has never been treated as it is a recently acquired private parcel, one of last un-treated oak stands in the compartment, SE part is heavy to BTA and NE is very open understory with XL oaks, somewhat difficult access thru regenerating oak/aspen stands
19	4125 - Black, N. Pin Oak	Medium Density	9.3	23		cut 1988, slow-growing oak regen. mixed with A/RM saps and scattered residual conifer poles
20	4130 - Aspen	High Density Pole	16.5	23		high SI aspen transitioning to A6, cut 1988 and growing well

S  
t  
a  
n  
d

## Roscommon Mgt. Unit

## 5 – Forested Stands

Compartment: 038

Year of Entry: 2014



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
21	4125 - Black, N. Pin Oak	High Density Log	18.6	Uneven Age	111-140	mature/over-mature oak and aspen with RM, oak, and aspen understory, O/A SL declining with lots of dead and down, recommend seed tree cut to release existing oak in understory and provide seed source for more oak, mark good oak seed trees (esp. WO) for mast and leave all R/W pine for diversity and visual on I-75, alternate regeneration will be JP if oak fails
22	4199 - Other Mixed Upland Deciduous	Medium Density	6.8	3		cut 2009 and regenerated fairly well to a mix of O/A/RM, should be fully stocked next YOE
23	4123 - Red Oak	High Density Log	23.5	90	111-140	oak stand thinned in 1996 by removing A/RM, lots of epicormic branching on what would have been clear boles if left untreated, now stand is two-aged with mature oak SL in canopy and sub-canopy dominated by RM saps, there are a few oak seedlings started in spots but they are being heavily browsed by deer, some on-going FW cutting/theft of a re-opened main skid trail coming into the stand from the south, recommend thinning stand to 90 SF taking poorer quality oaks,
24	4130 - Aspen	High Density Pole	27.5	23		high SI aspen transitioning to A6, cut 1988 and growing well
25	4199 - Other Mixed Upland Deciduous	Medium Density	19.0	3		cut 2009 and regenerate fairly well to a mix of O/A/RM, scattered pine poles and WO SL left as residual, lots of oak saps and stump sprouts in spots, other spots are heavy to RM or Aspen, should be fully stocked next YOE
26	4199 - Other Mixed Upland Deciduous	High Density Log	7.4	90	1-50	small island of oak and RP with understory of oak/aspen/RM which was cut in the 1960's, somewhat difficult access except thru nice 25 year old aspen stand, good stand to retain as buffer on I-75 for the duration of this YOE, cut with stand to the east when that stand is treated
27	4131 - Aspen, Oak	High Density Pole	23.8	Uneven Age	81-110	stand was cut in mid 1960's leaving an understory of A/M/O under an oak SL over-story, now is 2 aged going to all aged, most of the BF u.s. is on the east edge along the flooding, should be cut now to regenerate A/M/O, recommend marking oak seed trees (esp. WO) to leave for mast and visual on I-75, should regenerate to mix of A/M/O, leave R/W pine for diversity and visual on I-75 also, plant RP as alt. regeneration if needed
29	4125 - Black, N. Pin Oak	Medium Density	9.7	27		stand consists of approx. 25-30 year old O/A/RM saplings with scattered oak over-story, saplings are almost pole-size and stand should be O6 next YOE, 1984 maps show this stand as a "G" type and age of younger oak was estimated based on 1984 OI
30	4130 - Aspen	High Density Sapling	41.7	25		cut 1986 and regenerated well to aspen, scattered oak poles left which are now almost SL, should be A6 next YOE
31	4199 - Other Mixed Upland Deciduous	Medium Density	1.5	4		cut in 2008 with sale in Compt 35 to the north, regenerated well to a mix of O/A/RM
33	4130 - Aspen	Medium Density	2.7	3		cut winter 2009, regenerating well to aspen/RM/Oak, a few parts are still sparse where aspen did not regenerate well but stand should be fully stocked next YOE, scattered JP seedlings have regenerated in spots also



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
34	6126 - Lowland Jack Pine	Low Density Pole	8.3	73		lowland JP stand starting to breakup (esp. along I-75 side) but too wet to do anything treatment-wise, looked at stand in 2004 for treatment with cut to the west and stand was too wet to treat then also (probably never dries up to damming action of I-75), should convert to RM if left alone
36	42220 - Natural Jack Pine	High Density Sapling	3.6	38		natural jack pine saplings with scattered oak poles growing in a high water table area
37	42220 - Natural Jack Pine	High Density Pole	10.4	73		natural jack pine poles with scattered RP SL and aspen/oak poles, scattered oak saps in the u.s., north end has most of the hardwoods, very difficult access for trucks but terrain is dry but with a water table close to the surface, cut or haold as a visual buffer
38	6126 - Lowland Jack Pine	Medium Density	14.2	20		JP seeded in 1991, mostly lower ground but a few upland/dry areas, SW is very low and sparse
41	6117 - Lowland Deciduous, Mixed Coniferous	Medium Density	34.0	25		cut in 1986 to 4" spec., now mix of O/A/J/RM regeneration with may sparser areas, hummucky ground with a high water table
43	6126 - Lowland Jack Pine	High Density Sapling	3.3	20		lowland jack pine stand seeded in 1991 after 1986 cut
49	6120 - Lowland Cedar	High Density Pole	104.0	Uneven Age		large and wet cedar swamp at the edge of Robinson Creek Flooding
52	42220 - Natural Jack Pine	High Density Pole	7.1	59		natural jack pine stand, somewhat wet especially around the bog, other parts are drier but with an elevated water table
53	4131 - Aspen, Oak	High Density Pole	50.1	46	111-140	stand was cut in 1965 leaving a oak over-story, now stand is 2- aged (O8A5), oak SL are mostly poorer quality but there are some bettere qauity oak poles in spots with O3 underneath, other areas are heavy to A6, oak over-story needs to be cut based on age and quality but just removing oak would damage too much aspen, recommend final harvest/seed tree and mark good oak seed trees to regenerate aspen and release areas heavy to oak poles and saps



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
2	3303 - Mixed Low Density Trees	7.7	Natural Regen	Aspen	cut 2009, left quite a bit of residual in spots, aspen was sparse when cut except for west end, regen shows lots of deer browse, west end is A3 with lots of residual conifers, east end is very sparse but has high residual of WP /BF poles, consider this stand for jack pine planting but would need to cut residual and then roller chop before any trenching/planting operation OR leave as grassy opening/upland brush stand next to the swamp
5	310 - Herbaceous Openland	4.0	NVA	Unspecified	
8	3102 - Grass	5.9	Yes	High (NonForested)	managed wildlife opening
12	710 - Sand, Soil	1.1	NVA	Unspecified	
14	6225 - Bog	1.8	NVA	Unspecified	
15	3102 - Grass	16.0	Natural Regen	Aspen	cut 2009, regenerated to scattered A/RM sprouts and 1 nice A3 clone on the south end, recommend trench/plant RP, PArVHa/PArVVb, trench around A3 clones
28	3301 - Low Density Deciduous Tree	7.4	Yes	Red Pine	cut 2009 and regenerated poorly, spotty RM regeneration and little to no aspen or oak regeneration, possibly frost pocket /deer browse problems, roller-chop and trench/plant RP, may need herbicide release at some point also
32	622 - Lowland Shrub	4.3	NVA	Unspecified	
35	310 - Herbaceous Openland	5.7	NVA	Unspecified	Powerline ROW
39	622 - Lowland Shrub	1.5	NVA	Unspecified	
40	6224 - Treed Bog	6.5	No	Unspecified	bog with encroaching jack pine
42	6229 - Mixed lowland shrub	69.3	Yes	Low (NonForested)	part of Robinson Creek Flooding
44	790 - Other Bare/Sparsely Vegetate	4.0	No	Unspecified	Powerline ROW
45	6229 - Mixed lowland shrub	2.8	No	Unspecified	
46	623 - Emergent Wetland	35.4	NVA	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
47	50 - Water	42.1	Yes	Low (NonForested)	Robinson Creek Flooding
48	6239 - Mixed Emergent Wetland	207.5	Yes	Low (NonForested)	part of Robinson Creek Flooding
50	330 - Low-Density Trees	2.2	N/A	Unspecified	
51	6225 - Bog	2.6	N/A	Unspecified	
54	3102 - Grass	3.6	Yes	High (NonForested)	managed wildlife opening



**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



**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.
HCVA	Natural Rivers	There are two Natural Rivers datasets which are derived from spatial buffers set from an established and approved distance from the river centerlines. The Natural Rivers Zoning District is a 400 foot buffer for most Natural Rivers. The Vegetative Buffer ranges from 25 to 100 feet. To view specific Zoning Districts and Vegetative Buffers for each Natural River see the table located on the I:\Documentation\GDSE data folder.