



**Newberry Forest Management Unit  
Compartment Review Presentation**  
**Compartment #42127                      Entry Year: 2014**  
**Compartment Acreage: 1,695            County: Luce**

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**Revision Date:** September 6, 2012

**Stand Examiner:** Kristen Matson

**Legal Description:** T45N R9W, Sec. 34-36

**RMU (if applicable):** This compartment is within the County Line Hardwoods MA.

**Management Goals:** Maintain forest productivity, forest health, species diversification, and age class diversification through silvicultural and natural processes.

**Soil and Topography:** Kalkaska, Paquin, Wallace, and Crosswell sands are the main soil types; with Amadon Longrie sandy loam in a lesser amount; and Dawson, Greenwood, and Loxley soils; and Carbondale, Lupton and Tawas soils in wetter areas. Topography ranges from wet, lowland to rolling upland, generally 0-6% slopes, with some areas of 6-15% and 15-35%.

**Ownership Patterns, Development, and Land Use in and Around the Compartment:** The compartment is continuous State ownership with some private property in section 36. There are a few cabins on the private land in section 36. Surrounding the compartment is mainly State Forest land, with some private parcels nearby and a large hunt club adjacent to the southwest.

**Unique, Natural Features:** MNFI element occurrences include Goblin moonwort (observed in 1952), and red-shouldered hawk (2005).

**Archeological, Historical, and Cultural Features:** There are no features listed within this compartment.

**Special Management Designations or Considerations:** There is a SCA deer wintering area within the compartment.

**Watershed and Fisheries Considerations:** Fisheries Values: Excellent

*Fisheries Concerns:* This compartment contains a portion of Third Creek, which is a designated trout stream. A 200' buffer should be maintained along the western bank of the creek. The eastern bank of Third Creek will require a 200' buffer through stand 51, with the road serving as the buffer line through stand 49.

**Wildlife Habitat Considerations:** Compartment 127 lies in southern Luce county and is in the St. Ignace ecological sub-subsection and in the County Line Hardwoods Management Area where white-tailed deer, black bear, snowshoe hare, ruffed grouse, red shouldered hawk and northern goshawk are designated featured species. Aspen and northern hardwoods dominate the compartment with a scattering of spruce, red pine, mixed conifer, lowland conifer and grass openings. Approximately the southern half of the compartment lies in the Sage River deer yard which supports high numbers of deer during stressful winter periods. Within stand species diversity is generally high in the compartment.

Wildlife objectives will be achieved by the retention of hard and soft mast producing trees, wildlife den and nest trees and snags in harvested stands and the preservation of conifer components in aspen and hardwood stands. Some large aspen will be retained in stands for future softwood snags. Many stands will retain large white pine as a component. Soft mast (cherry) is present in the compartment and will be maintained in some harvested stands. Large oak may be planted in openings to replace beech mast that is being lost to disease. Hardwood stands are likely to contain vernal pools which will be protected during harvest operations to preserve wetland wildlife habitat. White-tailed deer, black

bear, fisher, marten, bobcat, coyotes, gray wolves, ruffed grouse, woodcock, and snowshoe hare are expected to use this compartment.

**Mineral Resource and Development Concerns and/or Restrictions:** Surface sediments consist of lacustrine sand and gravel and thin to discontinuous glacial till over bedrock. There is insufficient data to determine the glacial drift thickness. The Silurian Burnt Bluff Group subcrops below the glacial drift and is quarried at Hendricks quarry just to the south. There is sand and possibly some gravel potential in section 36. There is no economic oil and gas production in the UP.

**Vehicle Access:** The east half of the compartment has good vehicle access is present via two-tracks off of the Borgstrom Road. The west part of the compartment may be accessed by two-track (snowmobile trail) from the south or west. At this time, there is no good crossing within the compartment over Third Creek, which runs north/south in the middle of the compartment.

**Survey Needs:** Establish corners around the NENW of Section 36 to complete prescribed treatments.

**Recreational Facilities and Opportunities:** The Nelson Lake Snowmobile trail and the Newberry-Naubinway ORV Trail run through the compartment. Other recreational opportunities within the compartment include hunting, fishing, dispersed camping, and wildlife viewing.

**Fire Protection:** Large fires in this compartment are not likely because of the hardwood and mixed conifer/hardwood lowland types. Access with heavy wheeled suppression vehicles is limited and could challenge suppression tactics.

**Additional Compartment Information:** None.

- **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**
  
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# Cover Type & Treatment Map

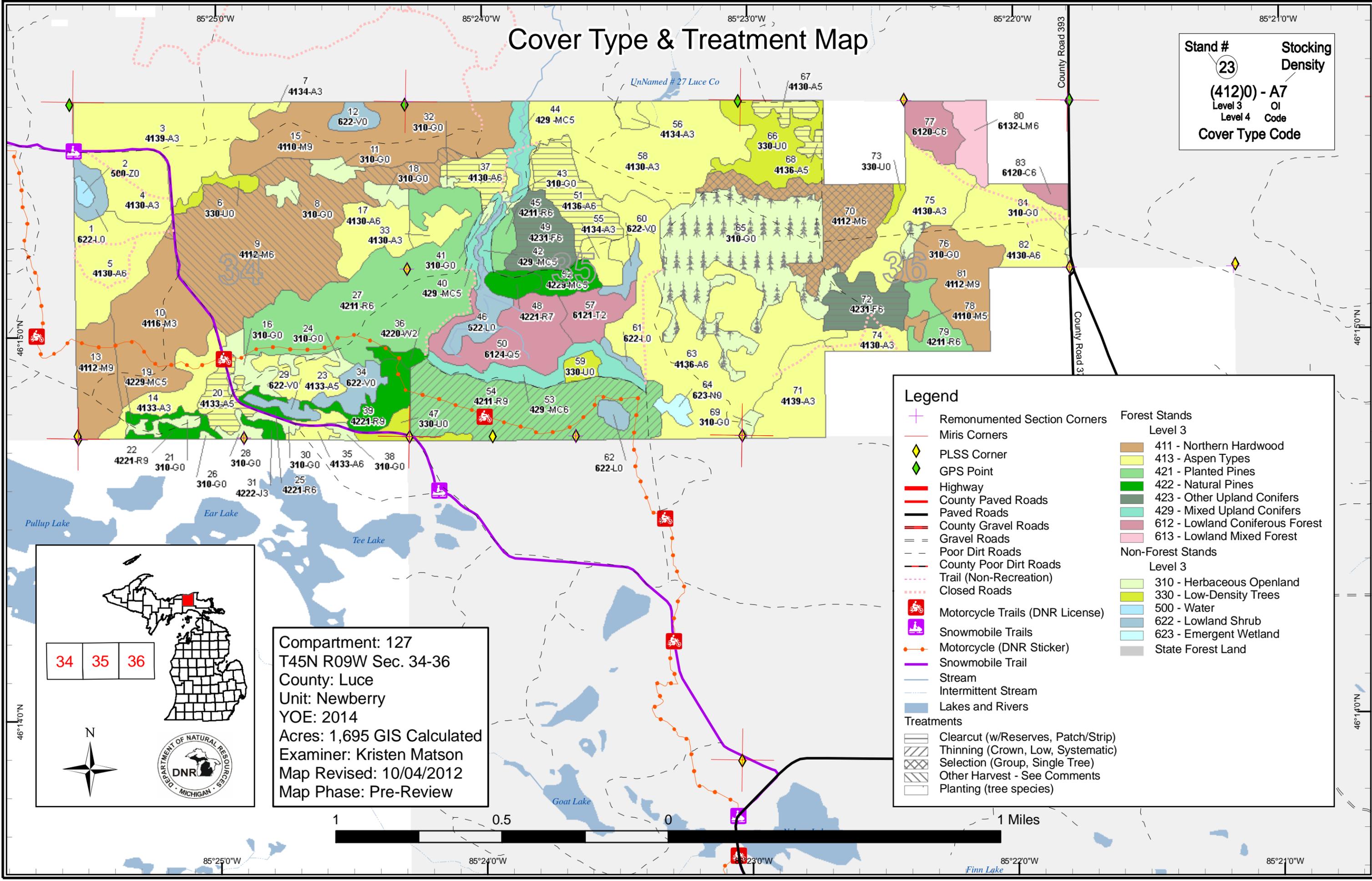
Stand #  
 23  
 (4120) - A7  
 Level 3 OI  
 Level 4 Code  
 Cover Type Code

### Legend

+	Remonumented Section Corners	Forest Stands
—	Miris Corners	Level 3
◇	PLSS Corner	411 - Northern Hardwood
◆	GPS Point	413 - Aspen Types
—	Highway	421 - Planted Pines
—	County Paved Roads	422 - Natural Pines
—	Paved Roads	423 - Other Upland Conifers
—	County Gravel Roads	429 - Mixed Upland Conifers
—	Gravel Roads	612 - Lowland Coniferous Forest
—	Poor Dirt Roads	613 - Lowland Mixed Forest
—	County Poor Dirt Roads	Non-Forest Stands
—	Trail (Non-Recreation)	Level 3
—	Closed Roads	310 - Herbaceous Openland
🏍️	Motorcycle Trails (DNR License)	330 - Low-Density Trees
🏂	Snowmobile Trails	500 - Water
🏍️	Motorcycle (DNR Sticker)	622 - Lowland Shrub
—	Snowmobile Trail	623 - Emergent Wetland
—	Stream	State Forest Land
—	Intermittent Stream	
—	Lakes and Rivers	
▨	Treatments	
▨	Clearcut (w/Reserves, Patch/Strip)	
▨	Thinning (Crown, Low, Systematic)	
▨	Selection (Group, Single Tree)	
▨	Other Harvest - See Comments	
▨	Planting (tree species)	

Compartment: 127  
 T45N R09W Sec. 34-36  
 County: Luce  
 Unit: Newberry  
 YOE: 2014  
 Acres: 1,695 GIS Calculated  
 Examiner: Kristen Matson  
 Map Revised: 10/04/2012  
 Map Phase: Pre-Review

34 35 36



# Stand Boundary Map

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

### Legend

- Remonumented Section Corners
- Miris Corners
- PLSS Corner
- GPS Point
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads
- Motorcycle Trails (DNR License)
- Snowmobile Trails
- Motorcycle (DNR Sticker)
- Snowmobile Trail
- Stream
- Intermittent Stream
- Stand Boundaries

### Forest Stands

Level 3

- 411 - Northern Hardwood
- 413 - Aspen Types
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

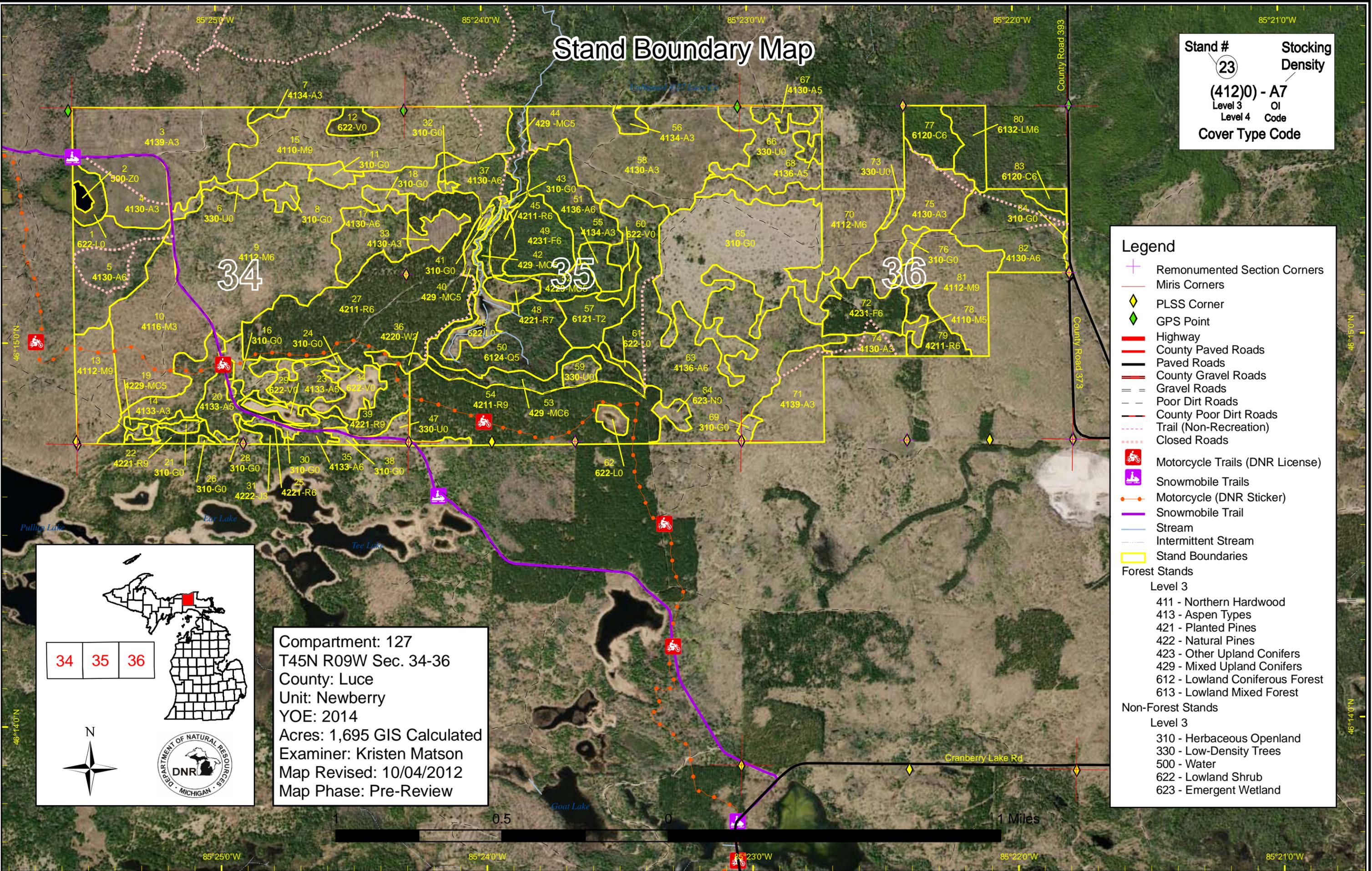
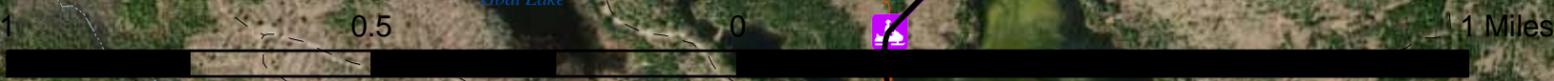
### Non-Forest Stands

Level 3

- 310 - Herbaceous Openland
- 330 - Low-Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland

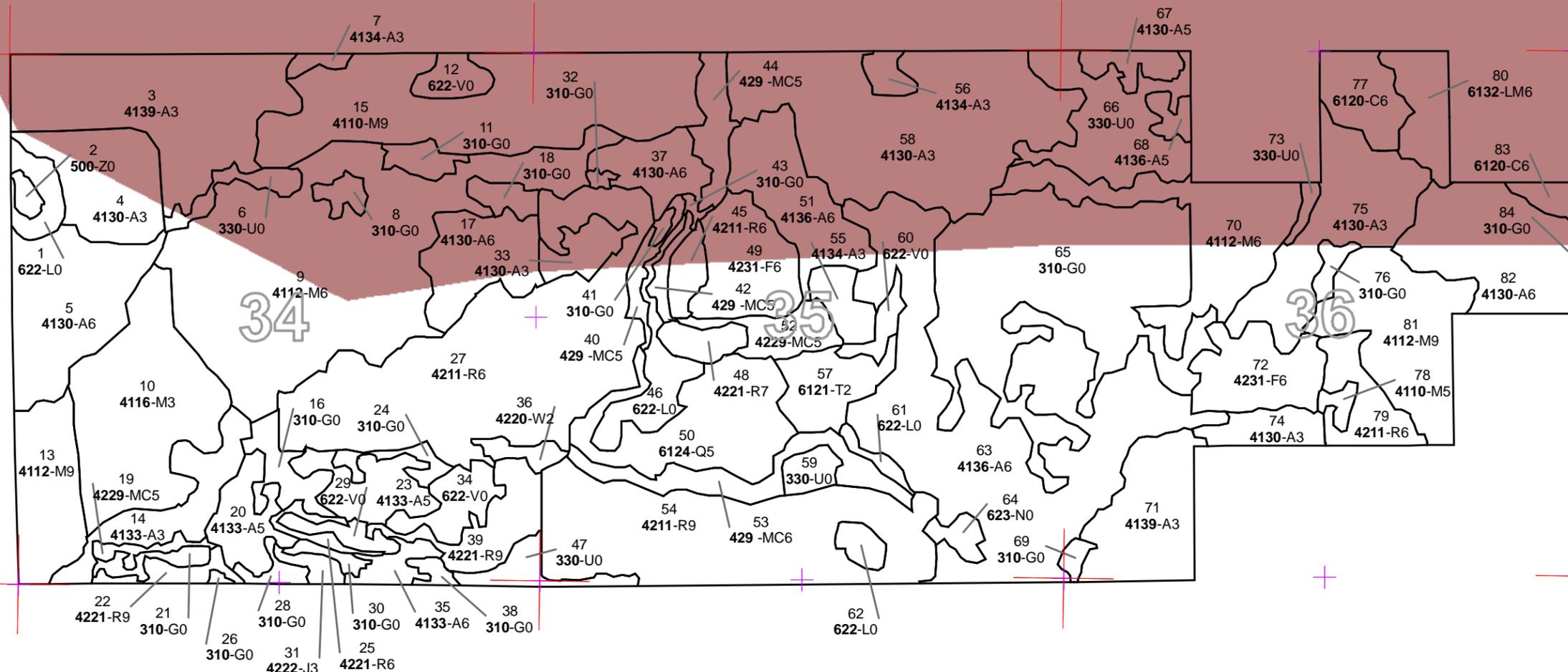
34
35
36

Compartment: 127  
 T45N R09W Sec. 34-36  
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 Map Revised: 10/04/2012  
 Map Phase: Pre-Review



# Dedicated & Proposed Special Conservation Area Map

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



### Legend

- Remonumented Section Corners
- Miris Corners
- Stand Boundaries
- Dedicated Special Conservation Areas
- Boat Access Sites
- Mineral Resource Points
- Cold Water Streams
- Deer Wintering Areas

#### Forest Stands

Level 3

- 411 - Northern Hardwood
- 413 - Aspen Types
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

Non-Forest Stands

Level 3

- 310 - Herbaceous Openland
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- 622 - Lowland Shrub
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34 35 36

Compartment: 127  
 T45N R09W Sec. 34-36  
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85°25'0"W 85°24'0"W 85°23'0"W 85°22'0"W

46°15'0"N

46°15'0"N

46°14'0"N

46°14'0"N

**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	200	32	108	188	71	10	13	0	0	0	0	0	0	0	621
Bog	26	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Cedar	0	0	0	0	0	0	0	0	4	15	0	0	0	0	19
Herbaceous Openland	149	0	0	0	0	0	0	0	0	0	0	0	0	0	149
Jack Pine	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
Low-Density Trees	51	0	0	0	0	0	0	0	0	0	0	0	0	0	51
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	0	38	38
Lowland Mixed Forest	0	0	0	0	0	0	0	14	0	0	0	0	0	0	14
Lowland Shrub	28	0	0	0	0	0	0	0	0	0	0	0	0	0	28
Marsh	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Natural Mixed Pines	0	0	0	0	3	0	0	0	0	0	0	0	0	11	14
Northern Hardwood	58	0	0	0	0	0	0	2	320	0	0	0	0	0	380
Red Pine	0	0	0	0	6	209	8	16	0	6	0	0	0	0	245
Tamarack	0	0	0	0	0	0	0	16	0	0	0	0	0	0	16
Upland Conifers	0	0	0	0	5	3	17	10	0	0	0	0	0	0	36
Upland Spruce/Fir	0	0	0	0	0	46	0	0	0	0	0	0	0	0	46
Water	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
White Pine	0	0	0	4	0	0	0	0	0	0	0	0	0	0	4
<b>Total</b>	<b>518</b>	<b>32</b>	<b>111</b>	<b>191</b>	<b>84</b>	<b>268</b>	<b>39</b>	<b>59</b>	<b>324</b>	<b>21</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>49</b>	<b>1695</b>



## Table 2 – Proposed Treatment Summaries

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

**Compartment 127**  
**Total Compartment Acres: 1695**

### Acres by Treatment Type

Commercial Harvest - 362	Site Prep - 0	Tree Planting - 104	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
<b>Aspen</b>	63	0	0	0	0	0	<b>63</b>
<b>Northern Hardwood</b>	0	42	0	0	0	130	<b>171</b>
<b>Red Pine</b>	0	0	0	0	82	0	<b>82</b>
<b>Upland Spruce/Fir</b>	46	0	0	0	0	0	<b>46</b>
<b>Total</b>	<b>109</b>	<b>42</b>	<b>0</b>	<b>0</b>	<b>82</b>	<b>130</b>	<b>362</b>



Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
9	42127009-Cut	129.7	4112 - Maple, Beech, Cherry Association	High Density Pole	80	81-110	Harvest	Other - Specify in Comments	4112 - Maple, Beech, Cherry Association	Cmpt. Review Proposal
<p><u>Prescription Specs:</u> Beech is dying from BBD. Salvage all beech following the BBD Guidelines, leaving 1-3 per acre for wildlife/retention. Leave smaller, smooth bark trees if available, and any beech trees that are resistant. It may be necessary to mark other species for access to beech.</p> <p><u>Other Comments:</u> The adjacent road is a snowmobile trail. If maple is removed for harvest operability and the greater than 25% of the sale volume is maple, harvest stand after Oct. 1 to provide a food source for wintering deer.</p> <p><u>Next Steps:</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is species currently on site. Stand may need some additional cultivation work if the beech impedes the maple/cherry/birch regeneration. Post-harvest herbicide application or other cultivation techniques may be necessary.</p> <p><u>Proposed Start Date:</u> 12/06/2012</p>										
20	42127020-Cut	13.1	4133 - Aspen, Mixed Pine	Medium Density Pole	60	81-110	Harvest	Clearcut with Reserves	4133 - Aspen, Mixed Pine	Cmpt. Review Proposal
<p><u>Prescription Specs:</u> Clearcut with reserves, leaving some white pine either incorporated into the red line, or scattered throughout the stand. Leave patch retention following the retention guidelines.</p> <p><u>Other Comments:</u> The trail road is a snowmobile trail.</p> <p><u>Next Steps:</u> Follow up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is a mix of species currently on site.</p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
37	42127037-Cut	12.4	4130 - Aspen	High Density Pole	48	81-110	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<p><u>Prescription Specs:</u> Clearcut with reserves. Incorporate mature aspen and paper birch into the red line and into patch retention following guidelines. The buffer along Third Creek will be the retention area.</p> <p><u>Other Comments:</u> Deeryard - Harvest stand after Oct. 1 to provide a food source for wintering deer. No chipping. Buffer Third Creek 200 feet per fisheries.</p> <p><u>Next Steps:</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is a mix of species currently on site.</p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
49	42127049-Cut	23.9	42310 - Planted Spruce	High Density Pole	51	81-110	Harvest	Clearcut with Reserves	42111 - Planted Red Pine, Mixed Deciduous	Cmpt. Review Proposal
<p><u>Prescription Specs:</u> Clearcut with reserves. To facilitate regeneration, this stand must be chipped, following the Woody Biomass Harvesting Guidance to retain 1/6 to 1/3 of the harvested tree residues. Retention should include leaving some large, mature trees of all species on site. This may be done following retention guidance using a combination of: trees incorporated into the red lines, patches, and/or scattered trees.</p> <p><u>Other Comments:</u> Buffer Third Creek per BMP guidance. Fisheries is ok with using the road (apx 100 feet) as the boundary line.</p> <p><u>Next Steps:</u> Trench and plant red pine except in the NE adjacent to stand 51. That area will be allowed to regenerate naturally to a mix of species currently on site, and will be incorporated into stand 51. Acceptable regeneration will be red pine, with a mix of species currently on site in the NE. Follow-up treatment with a regeneration survey as per the work instructions. Follow-up planting with herbicide release as needed.</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
51	42127051-Cut	27.3	4136 - Aspen, Mixed Conifer	High Density Pole	46	81-110	Harvest	Clearcut with Reserves	4136 - Aspen, Mixed Conifer	Cmpt. Review Proposal
<u>Prescription:</u> Clearcut with reserves. Retention may be met using a combination of: incorporating large diameter trees of all species currently on site into the red line, retention patches including a variety of species on site, and/or leaving scattered large diameter trees, following the retention guidance. The buffer along Third Creek will provide a retention area. <u>Specs:</u> <u>Other:</u> Deeryard - winter cut. No chipping of tops in the winter. <u>Comments:</u> Buffer Third Creek 200 feet per fisheries. <u>Next Steps:</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is a mix of species currently on site. <u>Proposed Start Date:</u> 10/01/2013										
54	42127054-Cut	81.8	42110 - Planted Red Pine	High Density Log	59	141-170	Harvest	Crown Thinning	42110 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription:</u> Thin to approximately 120 BA, leaving some white pine and cherry for diversity. <u>Specs:</u> <u>Other:</u> ORV trail goes through the stand. Use tsale specs to protect it. <u>Comments:</u> <u>Next Steps:</u> No follow-up treatment necessary. <u>Proposed Start Date:</u> 10/01/2013										
67	42127067-Cut	6.3	4130 - Aspen	Medium Density Pole	55	51-80	Harvest	Clearcut	4130 - Aspen	Cmpt. Review Proposal
<u>Prescription:</u> Clearcut. Retention is not needed due to small size. <u>Specs:</u> <u>Other:</u> Deer wintering area SCA - winter cut. <u>Comments:</u> <u>Next Steps:</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is a combination of species currently on site. <u>Proposed Start Date:</u> 10/01/2013										
68	42127068-Cut	3.7	4136 - Aspen, Mixed Conifer	Medium Density Pole	55	51-80	Harvest	Clearcut	4136 - Aspen, Mixed Conifer	Cmpt. Review Proposal
<u>Prescription:</u> Clearcut. Retention is not necessary due to small size. <u>Specs:</u> <u>Other:</u> Deer wintering area SCA - winter cut. <u>Comments:</u> <u>Next Steps:</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is a combination of species currently on site. <u>Proposed Start Date:</u> 10/01/2013										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
70	42127070-Cut	41.6	4112 - Maple, Beech, Cherry Association	High Density Pole	82	111-140	Harvest	Single Tree Selection	4112 - Maple, Beech, Cherry Association	Cmpt. Review Proposal

Prescription Individual tree selection marking to a residual of 80-90 BA. Maintain species and size diversity in the stand.

Specs:

Other Deeryard - winter cut. No chipping.

Comments:

Next Follow-up treatment with a regeneration survey per work instructions. Acceptable regeneration is a combination of species currently on site.

Steps:

Proposed

Start Date: 10/01/2013

72	42127072-Cut	22.0	42310 - Planted Spruce	High Density Pole	52	141-170	Harvest	Clearcut with Reserves	42320 - Upland Spruce	Cmpt. Review Proposal
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Prescription Clearcut with reserves. Leave 1 large, mature aspen/acre and trace species for retention. To facilitate regeneration, this stand must be

Specs: chipped, following the Woody Biomass Harvesting Guidance to retain 1/6 to 1/3 of the harvested tree residues.

Other

Comments:

Next Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is a mix of white spruce, aspen, and any other species currently on site. If regeneration is not adequate, plant white spruce, concentrating on areas where aspen has not regenerated.

Steps:

Proposed

Start Date: 10/01/2013

65	NF_42127065- Plant	100.5	3101 - Poverty Grass, Cladonia				Tree Planting	Hand Plant	3101 - Poverty Grass, Cladonia	Cmpt. Review Proposal
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Prescription Plant large oak scattered, especially near the edges of the stand.

Specs:

Other

Comments:

Next Follow-up treatment with a regeneration survey as per the work instructions.

Steps:

Proposed

Start Date: 10/01/2013

76	NF_42127076- Plant	3.1	3102 - Grass				Tree Planting	Hand Plant	3102 - Grass	Cmpt. Review Proposal
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Prescription Plant large oak trees.

Specs:

Other

Comments:

Next Follow-up treatment with a regeneration survey as per the work instructions.

Steps:

Proposed

Start Date: 10/01/2013

**Total Treatment  
Acreage Proposed: 465.5**

**Table 4 -- Treatments Prescribed with  
a Limiting Factor**



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



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

Other  
Comments:

Next  
Steps:

Proposed  
Start Date: #Error

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**Total Treatment  
Acreage Proposed: 0**

Stand	Newberry Mgt. Unit			5 – Forested Stands		Compartment: 127	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2014	
3	4139 - Aspen, Mixed Deciduous	High Density Sapling	62.5	6			CC w reserves completed in 2006. Paper birch, white pine and hemlock were left as residuals scattered throughout, with a concentration of residual white pine in the southeast.
4	4130 - Aspen	High Density Sapling	27.6	16			Dense aspen mix.
5	4130 - Aspen	High Density Pole	39.8	27	1-50		Nice aspen mix. BA is low as all trees are not yet merchantable
7	4134 - Aspen, Spruce/Fir	High Density Sapling	2.3	39			
9	4112 - Maple, Beech, Cherry Association	High Density Pole	129.7	80	81-110		Beech trees throughout are dying. Salvage now while still available. Current total BA ranges from 70 - 110; beech BA from 0 - 50.
10	4116 - Mixed N. Hardwood - Aspen	High Density Sapling	57.8	5			Cut in 2007. Dense regen with scattered residual trees (maple, cherry, beech, hemlock). Regen counts in 2011: 3180 total t/ac (BC 1300, A 560, HM 560, RM 390, AB 340). Newberry-Rexton Motorcycle Trail through stand.
13	4112 - Maple, Beech, Cherry Association	High Density Log	25.8	80	51-80		Select harvest in 2011. Dense regen (2011 regen count = 1380 total t/ac). Beech dying from BBD. Newberry-Rexton motorcycle trail through stand.
14	4133 - Aspen, Mixed Pine	High Density Sapling	20.0	26	1-50		Scattered residual white pine, red pine, jack pine and oak. Newberry-Rexton motorcycle trail through stand.
15	4110 - Sugar Maple Association	High Density Log	81.8	80	51-80		Thinned in 2008. Regen count in 2011 = 2,740 t/ac.
17	4130 - Aspen	High Density Pole	22.8	49	81-110		
19	42290 - Natural Mixed Pine	Medium Density Pole	3.1	40	1-50		Sparse stand along edge of opening. Mix of pine with some oak and aspen.
20	4133 - Aspen, Mixed Pine	Medium Density Pole	13.1	60	81-110		The stand is enlarging by filling in surrounding openings, and there are areas of small trees included. There are a range of ages grading to young at the outside edges. The young quaking aspen clones have a lower SI than the core area of larger big tooth aspen.
22	42210 - Natural Red Pine	High Density Log	5.1	66	111-140		Variable densities. Small stand along private.
23	4133 - Aspen, Mixed Pine	Medium Density Pole	15.0	38			Old opening, filling in with trees.
25	42210 - Natural Red Pine	High Density Pole	3.3	65	81-110		Narrow stand surrounding low, wet area.





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
27	42110 - Planted Red Pine	High Density Pole	112.8	59	111-140	Planted in 1953 & 1962. Thinned in 2008. Newberry-Rexton motorcycle trail through south part of stand.
31	42220 - Natural Jack Pine	High Density Sapling	3.2	20		
33	4130 - Aspen	High Density Sapling	8.1	4		Harvested in 2008. Fully regenerated.
35	4133 - Aspen, Mixed Pine	High Density Pole	5.7	43	51-80	Private to south; old posts and signs.
36	42200 - Natural White Pine	Medium Density	3.9	37	1-50	Some areas of low ground within the stand.
37	4130 - Aspen	High Density Pole	13.9	48	81-110	
39	42210 - Natural Red Pine	High Density Log	15.8	79	51-80	Harvested in 2008. Newberry-Rexton motorcycle trail through stand.
40	429 - Mixed Upland Conifers	Medium Density Pole	4.6	46		Narrow upland stand between red pine and creek. Variety of tree species and sizes.
42	429 - Mixed Upland Conifers	Medium Density Pole	3.2	50	51-80	Upland stand along the east side of Third Ck.
44	429 - Mixed Upland Conifers	Medium Density Pole	10.4	70		Third Creek and adjacent upland corridor.
45	42110 - Planted Red Pine	High Density Pole	5.9	45	111-140	Sale #036-04-01 completed 6/08.
48	42210 - Natural Red Pine	Low Density Log	6.3	91	1-50	Sale #036-04-01 completed in 6/08. Regeneration is patchy: RP, WP, BF, WSp, T, JP.
49	42310 - Planted Spruce	High Density Pole	23.9	51	81-110	
50	6124 - Lowland Spruce-Fir	Medium Density Pole	38.1	Uneven Age	51-80	Variable stand - sparse wet areas and areas of slightly higher ground with greater tree densities. BA range from 30 to 110. A range of sizes and ages.
51	4136 - Aspen, Mixed Conifer	High Density Pole	28.2	46	81-110	
52	42290 - Natural Mixed Pine	Medium Density Pole	10.6	Uneven Age	51-80	Contains a variety of tree sizes, ages, and densities.
53	429 - Mixed Upland Conifers	High Density Pole	17.4	66	81-110	Long, narrow transition stand between planted red pine / road and lowland conifers. Variable tree species and densities.

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## Newberry Mgt. Unit

## 5 – Forested Stands

Compartment: 127  
Year of Entry: 2014

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
54	42110 - Planted Red Pine	High Density Log	81.8	59	141-170	Newberry Rexton motorcycle trail in stand; use timber sale specs to protect the trail. The stand was thinned in 1998, and the far west portion again in 2008.
55	4134 - Aspen, Spruce/Fir	High Density Sapling	7.7	28		Scattered large white pine.
56	4134 - Aspen, Spruce/Fir	High Density Sapling	4.0	12		
57	6121 - Tamarack	Medium Density	15.7	70	1-50	Treed bog. Poor site index.
58	4130 - Aspen	High Density Sapling	90.7	5		Sale #034-04-01 completed 9/07. Fully stocked.
63	4136 - Aspen, Mixed Conifer	High Density Pole	129.7	34	1-50	Mix of aspen, hardwood, and conifers. Variety of sizes and densities, with small areas of larger trees.
67	4130 - Aspen	Medium Density Pole	6.3	55	51-80	
68	4136 - Aspen, Mixed Conifer	Medium Density Pole	3.7	55	51-80	
70	4112 - Maple, Beech, Cherry Association	High Density Pole	41.6	82	111-140	
71	4139 - Aspen, Mixed Deciduous	High Density Sapling	30.7	28		
72	42310 - Planted Spruce	High Density Pole	22.0	52	141-170	
74	4130 - Aspen	High Density Sapling	9.4	28		
75	4130 - Aspen	High Density Sapling	38.7	5		Sale # 035-04-01 completed 7/07. Fully regenerated.
77	6120 - Lowland Cedar	High Density Pole	14.9	91	111-140	
78	4110 - Sugar Maple Association	Medium Density Pole	2.5	75	51-80	
79	42110 - Planted Red Pine	High Density Pole	14.1	52	111-140	
80	6132 - Mixed Lowland Forest with Cedar	High Density Pole	14.3	73		
81	4112 - Maple, Beech, Cherry Association	High Density Log	40.9	82	51-80	

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Newberry Mgt. Unit

5 – Forested Stands

Compartment: 127  
Year of Entry: 2014



S t a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
82	4130 - Aspen	High Density Pole	40.6	38	81-110	
83	6120 - Lowland Cedar	High Density Pole	4.2	85	111-140	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
1	6229 - Mixed lowland shrub	7.3	No	Unspecified	
2	50 - Water	2.2	No	Unspecified	
6	3301 - Low Density Deciduous Tree	6.0	No	Unspecified	Filling in with trees.
8	3102 - Grass	3.5	No	Unspecified	Filling in with trees.
11	3102 - Grass	5.0	No	Unspecified	
12	6225 - Bog	6.2	No	Unspecified	
16	3101 - Poverty Grass, Cladonia	9.4	No	Unspecified	Filling in with trees.
18	3102 - Grass	4.5	No	Unspecified	filling in with trees
21	3101 - Poverty Grass, Cladonia	4.1	No	Unspecified	Filling in with trees.
24	3101 - Poverty Grass, Cladonia	4.4	No	Unspecified	Filling in with trees.
26	3101 - Poverty Grass, Cladonia	0.5	No	Unspecified	Small opening adjacent to private. Old signs/posts mark line. Filling in with trees.
28	3101 - Poverty Grass, Cladonia	3.1	No	Unspecified	Filling in with trees.
29	6225 - Bog	4.7	No	Unspecified	Wetland with fluctuating water table.
30	3101 - Poverty Grass, Cladonia	2.4	No	Unspecified	Filling in with trees.
32	3102 - Grass	1.0	No	Unspecified	Small opening filling in with trees.
34	6225 - Bog	10.8	No	Unspecified	Wetland area with fluctuating water table.
38	3101 - Poverty Grass, Cladonia	2.1	No	Unspecified	Filling in with trees.
41	3102 - Grass	1.1	No	Unspecified	Filling in with trees.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
43	3101 - Poverty Grass, Cladonia	1.0	No	Unspecified	Opening at the end of a trail road. Dispersed camping occurs here.
46	6229 - Mixed lowland shrub	13.7	No	Unspecified	Third creek drainage area.
47	3301 - Low Density Deciduous Tree	7.6	No	Unspecified	
59	3302 - Low Density Conifer Trees	5.0	No	Unspecified	
60	6225 - Bog	4.3	No	Unspecified	
61	6220 - Alder/willow	2.6	No	Unspecified	
62	6220 - Alder/willow	4.0	No	Unspecified	Dry this year.
64	6233 - Wet Meadow	4.0	No	Unspecified	Dry this year.
65	3101 - Poverty Grass, Cladonia	100.5	No	Unspecified	Large opening. Old farm field with stone fences.
66	3301 - Low Density Deciduous Tree	30.9	No	Unspecified	
69	3101 - Poverty Grass, Cladonia	2.0	No	Unspecified	Filling in with trees.
73	330 - Low-Density Trees	1.9	N/A	Unspecified	
76	3102 - Grass	3.1	No	Unspecified	
84	3102 - Grass	1.2	No	Unspecified	Road ROW.



**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
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### 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.