



# Compartment Review Presentation

## Newberry Forest Management Unit

Compartment 27

Entry Year 2015

Acreage: 2,680

County Luce

Management Area: Deer Park

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**Revision Date:** 09/18/2013

**Stand Examiner:** Don Kuhr

**Legal Description:**

T49N R10W Sec. 25-28, 32-36

**Identified Planning Goals:**

Wildlife and timber are the main uses of this area. The goal is to manage for both of these simultaneously and to provide, enhance and perpetuate their uses.

**Soil and topography:**

The compartment is situated on an outwash plain where the soils are a complex of sandy soils mixed with lowlands. There are lowlands that remain wet throughout the year as well as marshy areas that are only seasonably wet. The topography is variable throughout the compartment area where sand ridges vary from subtle to steep with numerous lowland pockets mixed throughout. The upland soils are mostly sandy and consist of Rubicon, Wallace, Paquin and Finch soil types while the lowland types are Spot, Dawson and Carbondale.

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

Primarily State-owned lands surrounded by State land on the north and east sides and private land on the west and south sides. The land in this compartment is mostly used for timber production and wildlife habitat.

**Unique Natural Features:**

No Unique Natural Features known.

**Archeological, Historical, and Cultural Features:**

No Archeological, Historical, or Cultural Features known.

**Special Management Designations or Considerations:**

**Watershed and Fisheries Considerations:**

Fisheries Values: Poor to None

Fisheries Concerns: Water-bodies associated with this compartment are Wabash Creek and an assortment of small ponds. Wabash Creek is a warm transitional stream with little groundwater input, but is listed as a designated trout stream. No fisheries surveys have been conducted on Wabash Creek to confirm whether or not there is presence of native brook trout. There is little groundwater input in this area and it is likely that the fisheries here do not present much to the angling public. A 100 foot buffer still needs to be maintained for all treatments near the waterbodies present. Limiting sediment and nutrient input to the stream will still benefit the Two Hearted River, which is downstream of this compartment a short distance.

**Wildlife Habitat Considerations:**

This compartment is located in the Grand Marais Sandy End Moraine and Outwash ecological sub-subsection. The compartment has excellent vegetative diversity with a large component of white pine, substantial amounts of aspen, jack pine, and upland hardwoods throughout, and a marsh and bog component. This compartment appears to have less red and jack pine than occurred during presettlement times and an increase in hardwoods, aspen, and white pine.

Hard and soft mast producing species will be maintained and enhanced in managed stands for a wildlife food source and structural diversity. Beech snags are plentiful in Section 33 and will provide a good source of coarse woody debris and wildlife den and nest trees. Hemlock, red, and white pine will be left in harvested stands to promote structural and habitat diversity of stands. Wildlife travel corridors in this compartment should be abundant. Wildlife featured species in this management area include American marten, piping plover, Kirtland's warbler, and red crossbill.

**Mineral Resource and Development Concerns and/or Restrictions**

: Surface sediments consist of lacustrine (lake) sand and gravel and minor end moraine of coarse-textured till. There is

insufficient data to determine the glacial drift thickness. The Cambrian Munising Formation and Precambrian Jacobsville Sandstone subcrop below the glacial drift. The Jacobsville was used as a building stone in the past. There are no gravel pits in the area, and potential appears to be limited. There is no economic oil and gas production in the UP.

**Vehicle Access:**

The compartment is located in northern Luce County and can be accessed via County Road 414. It is south of Chris Brown Lake and about 2 miles NE of Pine Stump Junction. The compartment is bordered on the north side by County Road 414, the Chris Brown Lake Road and the Shamrock Road. There are several small two tracks (approximately 4 miles) within the compartment as well as old abandoned logging roads (approximately 2 miles).

**Survey Needs:**

None at this time

**Recreational Facilities and Opportunities:**

There are no developed recreation facilities within this compartment. Recreation opportunities are predominately hunting and wildlife viewing.

**Fire Protection:**

The pockets of conifer covert types are broken up by other cover types and should reduce the likely hood of large fire runs. Some areas have lowland marsh/pond complexes, which limits wheeled equipment use in those areas. Private property in the area is still at risk to fire but generally not form large fires.

**Additional Compartment Information:**

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

- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

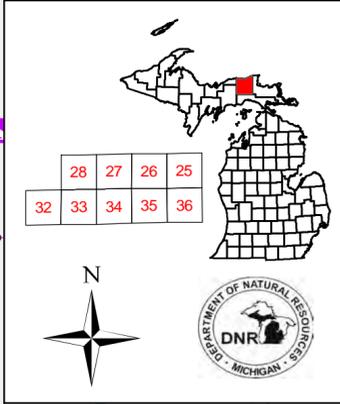
**The following information is displayed, where pertinent, on the attached compartment maps:**

- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatment Map

Compartment: 027  
 T49N R10W Sections 25-28, 32-36  
 County: Luce  
 Unit: Newberry  
 YOE: 2015  
 Acres: 2,680 GIS Calculated  
 Examiner: Don Kuhr  
 Map Revised: 10/04/2013  
 Map Phase: Pre-Review

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



### Legend

- Remonumented Section Corners
- Miris Corners
- DNR Survey Grade
- PLSS Corner
- GPS Point
- Wood Post
- Gate
- ORV Trails
- Snowmobile Trails
- Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads
- ORV Trail
- Snowmobile Trail
- Stream
- Lakes and Rivers
- State Forest Land

### Treatments

- Clearcut (w/Reserves, Patch/Strip)
- Seed Tree (w/Reserves)
- Shelter Wood (w/Reserves)
- Selection (Group, Single Tree)
- Planting (tree species)

### Forest Stands

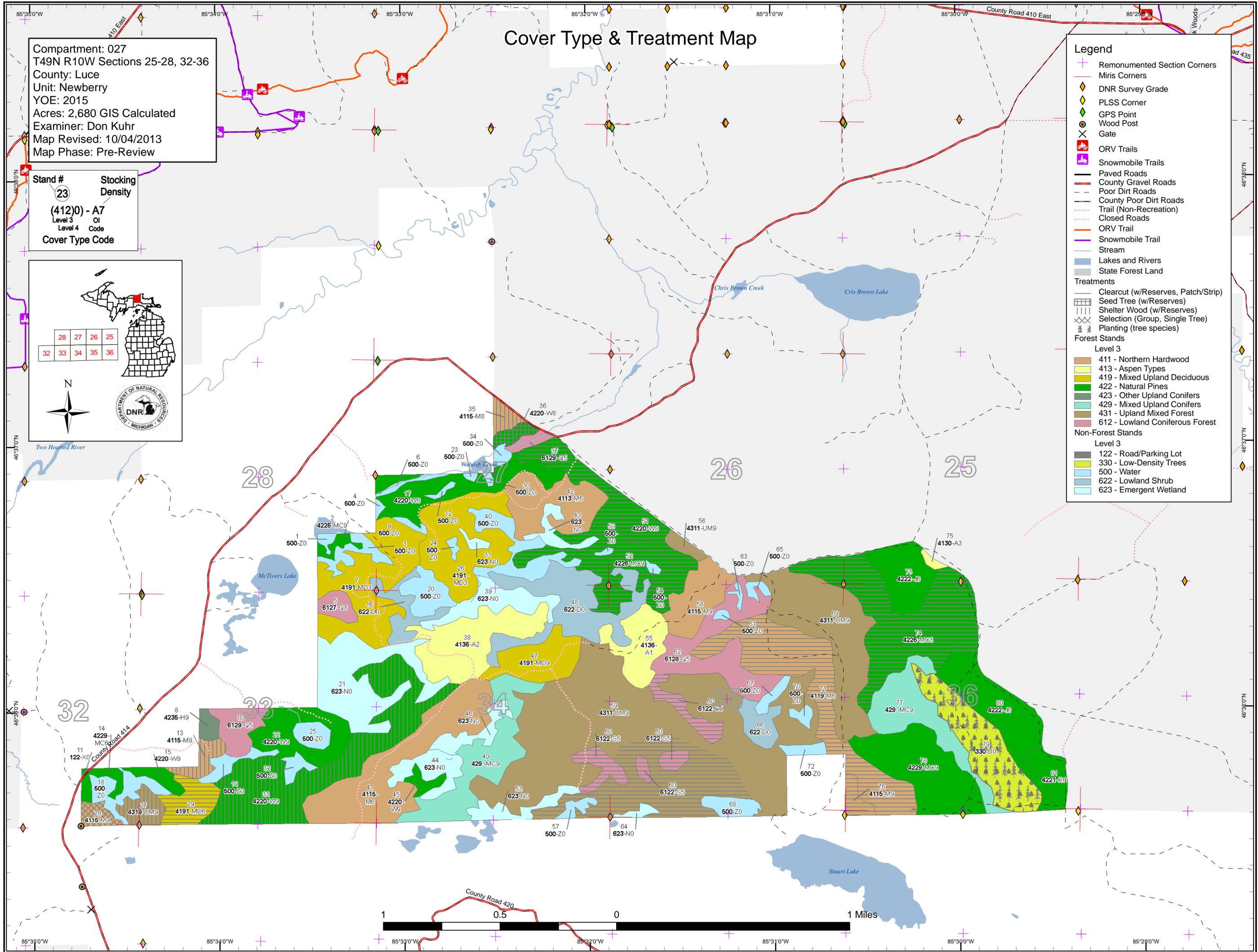
Level 3

- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 431 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest

### Non-Forest Stands

Level 3

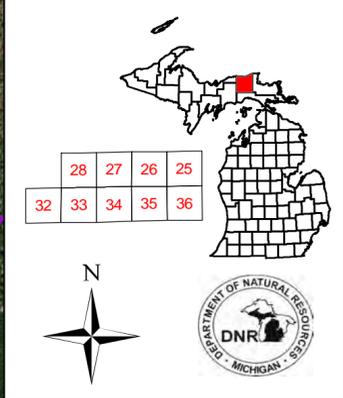
- 122 - Road/Parking Lot
- 330 - Low-Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland



# Stand Boundary Map

Compartment: 027  
 T49N R10W Sections 25-28, 32-36  
 County: Luce  
 Unit: Newberry  
 YOE: 2015  
 Acres: 2,680 GIS Calculated  
 Examiner: Don Kuhr  
 Map Revised: 10/04/2013  
 Map Phase: Pre-Review

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



**Legend**

- Remonumented Section Corners
- Miris Corners
- DNR Survey Grade
- PLSS Corner
- GPS Point
- Wood Post
- Gate
- ORV Trails
- Snowmobile Trails
- Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads
- ORV Trail
- Snowmobile Trail
- Stream
- Stand Boundaries

**Forest Stands**

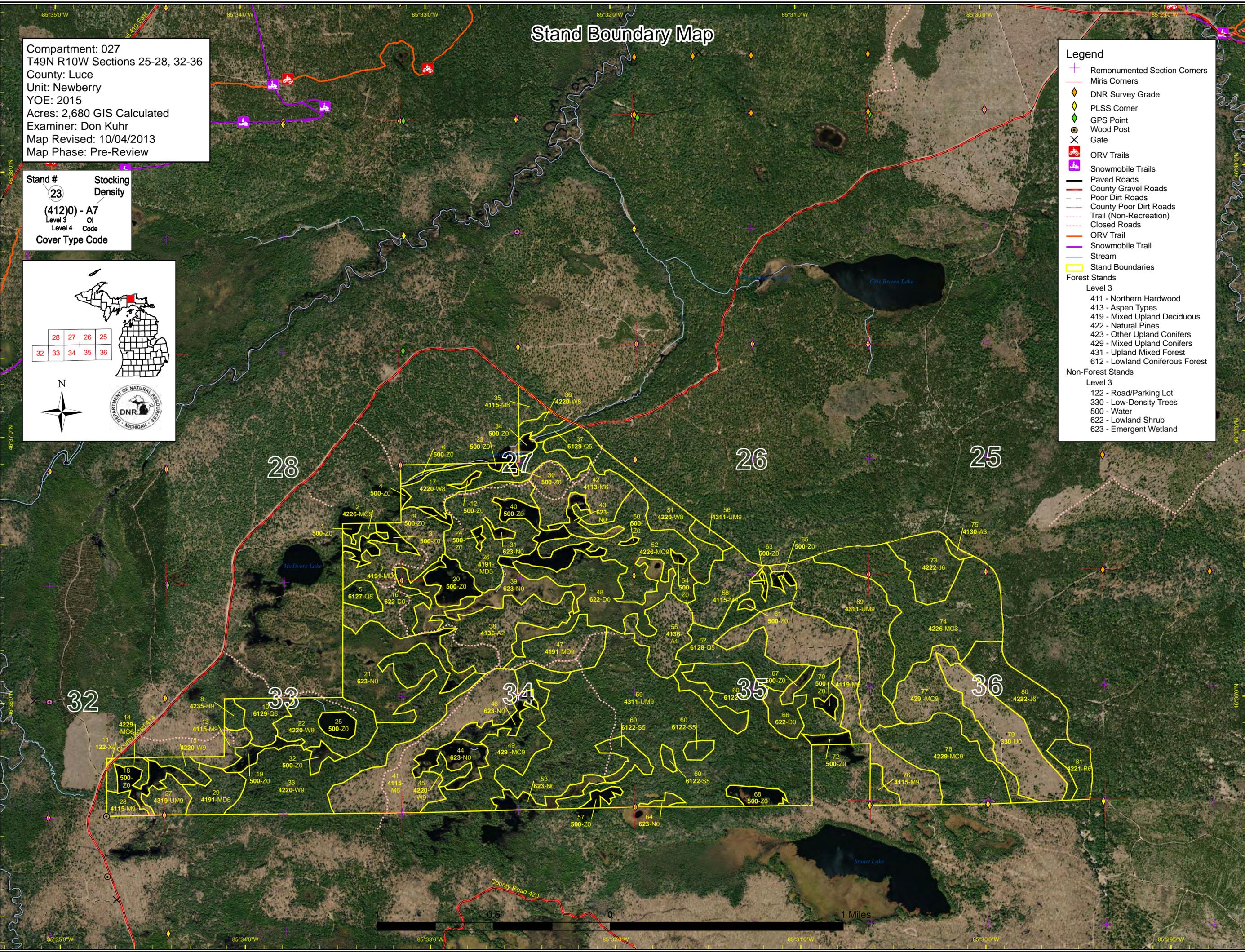
Level 3

- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 431 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest

**Non-Forest Stands**

Level 3

- 122 - Road/Parking Lot
- 330 - Low-Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland





Report 1 – Total Acres by Cover Type and Age Class



	Age Class													Total	
	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120 +		Uneven Age
Aspen	67	37	0	3	0	0	0	0	0	0	0	0	0	0	107
Hemlock	0	0	0	0	0	0	0	0	0	6	0	0	0	0	6
Jack Pine	0	0	0	38	0	0	63	0	0	0	0	0	0	0	101
Low-Density Trees	68	0	0	0	0	0	0	0	0	0	0	0	0	0	68
Lowland Conifers	0	0	0	0	0	0	0	0	0	31	0	0	0	69	101
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	38	0	0	0	0	38
Marsh	175	0	0	0	0	0	0	0	0	0	0	0	0	0	175
Mixed Upland Deciduous	0	0	74	0	0	0	0	0	0	38	0	0	0	105	217
Natural Mixed Pines	0	0	128	0	0	0	0	0	0	14	0	0	0	153	295
Northern Hardwood	0	0	52	0	0	110	0	0	0	18	0	0	0	160	341
Red Pine	0	0	0	0	0	0	0	0	0	18	0	0	0	0	18
Treed Bog	109	0	0	0	0	0	0	0	0	0	0	0	0	0	109
Upland Conifers	0	0	0	0	0	0	0	0	0	66	0	0	0	57	123
Upland Mixed Forest	102	0	0	0	0	0	0	397	0	0	0	0	0	22	521
Urban	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water	164	0	0	0	0	0	0	0	0	0	0	0	0	0	164
White Pine	0	0	0	0	0	0	0	0	0	146	42	0	0	110	298
<b>Total</b>	<b>686</b>	<b>37</b>	<b>254</b>	<b>41</b>	<b>0</b>	<b>110</b>	<b>63</b>	<b>397</b>	<b>0</b>	<b>375</b>	<b>42</b>	<b>0</b>	<b>0</b>	<b>676</b>	<b>2680</b>



## Report 2 – Proposed Treatment Summaries

**Newberry Mgt. Unit**  
**Year of Entry 2015**

**Compartment 027**  
**Total Compartment Acres: 2,680**

### Acres by Treatment Type

Commercial Harvest - 719    Tree Planting - 68    Other - 0  
 Habitat Cut - 0    Opening Maintenance - 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>
Lowland Coniferous Forest	38	0	0	0	0	0	38
Mixed Upland Deciduous	24	0	0	0	0	0	24
Natural Pines	255	0	7	131	0	0	393
Northern Hardwood	119	9	0	20	0	0	148
Upland Mixed Forest	102	0	0	15	0	0	117
<b>Total</b>	<b>538</b>	<b>9</b>	<b>7</b>	<b>165</b>	<b>0</b>	<b>0</b>	<b>719</b>



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
13	42027013-Cut	11.6	4115 - Y.Birch, Hemlock NH	High Density Log	90	111-140	Harvest	Shelter Wood with Reserves	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal
<u>Prescription</u> Shelterwood, leave 30 ft sq BA, leave some yellow birch and all hemlock										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> regen check acceptable species, red maple, birch, white pine, hemlock, balsam fir										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
27	42027027-Cut	15.2	4319 - Mixed Upland Forest	High Density Log	75	111-140	Harvest	Shelter Wood with Reserves	411 - Northern Hardwood	Cmpt. Review Proposal
<u>Prescription</u> harvest logs leaving 30 BA of mix including some white pine and all hemlock										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> regen check, acceptable species, red maple, hemlock, white pine, aspen, birch, balsam fir										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
28	42027028-Cut	9.0	4115 - Y.Birch, Hemlock NH	High Density Log	90	81-110	Harvest	Group Selection	411 - Northern Hardwood	Cmpt. Review Proposal
<u>Prescription</u> harvest large gaps around YB seed trees										
<u>Specs:</u>										
<u>Other</u> Leave Hemlock										
<u>Comments:</u>										
<u>Next</u> Regen check acceptable species are a mix of existing species										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
29	42027029-Cut	24.2	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	80	81-110	Harvest	Clearcut with Reserves	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
<u>Prescription</u> clearcut										
<u>Specs:</u>										
<u>Other</u> reserve hemlock and 1 wp per acre										
<u>Comments:</u>										
<u>Next</u> regen check acceptable species aspen, red maple, white pine, hemlock, birch, balsam fir										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
33	42027033-Cut	130.6	42200 - Natural White Pine	High Density Log	90	81-110	Harvest	Shelter Wood with Reserves	4220 - Natural White Pine	Cmpt. Review Proposal
<u>Prescription</u> harvest white pine and red maple logs, leave hemlock and some white pine, leave 30 ft sq residual BA										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> regen check, acceptable species are hemlock, white pine, red maple, birch.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
35	42027035-Cut	8.0	4115 - Y.Birch, Hemlock NH	Medium Density Log	90	81-110	Harvest	Shelter Wood with Reserves	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
<u>Prescription</u> harvest red maple logs and white pine logs, leave 30 sq ft BA										
<u>Specs:</u> Leave all hemlock and some big white pine										
<u>Other</u> beech dead										
<u>Comments:</u>										
<u>Next</u> regen check, all current species acceptable as regen										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
36	42027036-Cut	6.9	42200 - Natural White Pine	Medium Density Log	93	81-110	Harvest	Seed Tree with Reserves	4220 - Natural White Pine	Cmpt. Review Proposal
<u>Prescription</u> harvest white pine logs. leave 2 per acre. leave all hemlock and some spruce										
<u>Specs:</u>										
<u>Other</u> buffer creek 100 ft.										
<u>Comments:</u>										
<u>Next</u> regen check, all current species acceptable										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
51	42027051-Cut	52.5	42200 - Natural White Pine	Medium Density Log	95	51-80	Harvest	Clearcut with Reserves	4133 - Aspen, Mixed Pine	Cmpt. Review Proposal
<u>Prescription</u> Over story removal, second stage shelterwood. Cut white pine logs										
<u>Specs:</u>										
<u>Other</u> leave one wp per acre. leave hemlock. 100 ft buffer along creek										
<u>Comments:</u>										
<u>Next</u> inventory in 10 years										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
52	42027052-Cut	75.0	42260 - Natural Pine, Mixed Deciduous	High Density Log	90	81-110	Harvest	Clearcut with Reserves	42260 - Natural Pine, Mixed Deciduous	Cmpt. Review Proposal
<u>Prescription</u> clearcut with reserves, patch retention in low areas										
<u>Specs:</u>										
<u>Other</u> retain hemlock, wet, winter cut										
<u>Comments:</u>										
<u>Next</u> regen check, acceptable species, red maple, bam, aspen, white pine, hemlock. black spruce, tamarack										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
59	42027059_sm all-Cut	101.7	4311 - Pine, Aspen Mix	High Density Log	75	51-80	Harvest	Clearcut with Reserves	4133 - Aspen, Mixed Pine	Cmpt. Review Proposal
<u>Prescription</u> cut aspen red maple birch leave hemlock and 1 wp per acre										
<u>Specs:</u>										
<u>Other</u> leave some mature aspen along edges (private, low area, red line)										
<u>Comments:</u>										
<u>Next</u> check regen acceptable species are....aspen!										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
60	42027060-Cut	37.6	6122 - Black Spruce	Medium Density Pole	90	81-110	Harvest	Clearcut with Reserves	6122 - Black Spruce	Cmpt. Review Proposal

Prescription Clear cut, reserve hemlock

Specs:

Other

Comments:

Next regen check, acceptable species:black spruce, white pine, hemlock, aspen, red maple, tamarack

Steps:

Proposed

Start Date: 10/01/2014

71	42027071-Cut	110.2	4119 - Mixed Northern Hardwoods	High Density Pole	50	111-140	Harvest	Clearcut with Reserves	411 - Northern Hardwood	Cmpt. Review Proposal
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Prescription Harvest red maple logs, over story removal, second stage shelterwood

Specs:

Other

Comments: The stand is diverse in species composition and will benefit in the removal of a portion of the log sized trees by creating additional browse for moose and deer. Hemlock and white pine will be retained for bear refuge trees and a component of yellow birch will be retained in various sizes to serve as future soft snags. Beech snags will be retained to serve as coarse woody debris for marten and as temporary nest trees. Leave oak if it occurs for mast production.

Next inventory in 10 years

Steps:

Proposed

Start Date: 10/01/2014

74	42027074-Cut	127.6	42260 - Natural Pine, Mixed Deciduous	High Density Sapling	25	51-80	Harvest	Clearcut with Reserves	4311 - Pine, Aspen Mix	Cmpt. Review Proposal
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Prescription Harvest WP logs, shelterwood removal, second stage shelterwood

Specs:

Other

Comments: Leave one large wp per acre. This harvest will open up the canopy to allow other species to regenerate and diversify the stand. One large white pine per acre will be retained to serve as future nest trees and a bear refuge trees. All hemlock will be retained post-harvest. Leave oak if it occurs for mast production.

Next inventory in 10 years

Steps:

Proposed

Start Date: 10/01/2014

76	42027076-Cut	8.9	4115 - Y.Birch, Hemlock NH	High Density Log	90	111-140	Harvest	Clearcut with Reserves	411 - Northern Hardwood	Cmpt. Review Proposal
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Prescription cut red maple logs

Specs:

Other

Comments: All hemlock will be retained to serve as bear refuge trees and as nesting and resting sites for birds. Leave any oak for mast production and beech snags if they occur for future nest trees or coarse woody debris. Removal of red maple log sized trees will stimulate growth of browse species for moose and deer.

Next inventory in 10 years

Steps:

Proposed

Start Date: 10/01/2014



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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
79 NF_42027079-Plant	67.6	3302 - Low Density Conifer Trees				Tree Planting	Hand Plant	4212 - Planted Jack Pine	Cmpt. Review Proposal

Prescription fill in plant, no trenches  
Specs:

Other  
Comments:

Next regen check  
Steps:

Proposed  
Start Date: 10/01/2014

**Total Treatment  
Acreage Proposed: 786.5**



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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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#Type! #Type!

Prescription  
Specs:

Other  
Comment:

Next  
Steps:

Proposed  
Start Date: #Type!

Limiting Factor

**Total Treatment**  
**Acreage Proposed: 0.0**

## Report 5 – Site Conditions

Newberry Mgt. Unit

Don Kuhr : Examiner

Compartment 027

Year of Entry 2015

### Availability for Management

Availability for Management			Dominant Site Conditions			
Total Acres	Acres Available	Acres Not Available	Dominant Site Condition	No	5C	5B
107	107		Aspen	107		
6	6		Hemlock	6		
101	101		Jack Pine	39		62
101	101		Lowland Conifers	69	31	
38	38		Lowland Spruce/Fir	38		
217	217		Mixed Upland Deciduous	217		
295	295		Natural Mixed Pines	294		0
341	341		Northern Hardwood	341		
18	18		Red Pine			18
123	123		Upland Conifers	123		
521	521		Upland Mixed Forest	225	295	
298	298		White Pine	256	42	
2,164	2,164		Total Forested Acres	1,714	369	81
	100%		Relative Percent			

*\*Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.*

Site No.	Dominant Site Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
002	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	296				
<b>Comments:</b>							
003	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11				
<b>Comments:</b>							

Report 5 – Site Conditions

Newberry Mgt. Unit

Compartment 027

Don Kuhr : Examiner

Year of Entry 2015

004	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	42
<b>Comments:</b>			
005	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	21
<b>Comments:</b>			
006	Available	5B: Retention for regeneration purposes	95
<b>Comments:</b> Green up. Stand across the road in comp 35 is up for sale.			



### 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
<b>Comments</b>				



**Report 7 – DEDICATED CONSERVATION AREA DETAILS**

\* This is a list of Dedicated Biodiversity Areas for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to Dedicated Conservation Area Map for areas that the below listed Conservation Areas are located.

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

Conservation Area	Type	Description
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.

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## Newberry Mgt. Unit

## Report 8 – Forested Stands

Compartment: 027  
Year of Entry: 2015

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
2	42260 - Natural Pine, Mixed Deciduous	High Density Log	5.4	90	81-110	
5	6127 - Lowland Pine	Medium Density Log	10.5	90	51-80	
7	4191 - Mixed Upland Deciduous with Conifer	High Density Sapling	81.1	Uneven Age	1-50	oak planted along rd in western part of stand
8	42350 - Upland Hemlock	High Density Log	6.3	90	111-140	
10	6129 - Mixed Coniferous Lowland Forest	Medium Density Pole	20.7	90		
13	4115 - Y.Birch, Hemlock NH	High Density Log	11.6	Uneven Age	111-140	beech dead
14	42290 - Natural Mixed Pine	High Density Pole	8.8	91	141-170	ridge around lakes
15	42200 - Natural White Pine	High Density Log	8.6	90		
17	42200 - Natural White Pine	Medium Density Log	51.1	Uneven Age	81-110	cut same as adjacent stand more residual
22	42200 - Natural White Pine	High Density Log	42.0	100		
26	4191 - Mixed Upland Deciduous with Conifer	High Density Sapling	73.7	25	1-50	
27	4319 - Mixed Upland Forest	High Density Log	15.2	Uneven Age	111-140	
28	4115 - Y.Birch, Hemlock NH	High Density Log	9.0	90	81-110	
29	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	24.2	Uneven Age	81-110	aspen dying
33	42200 - Natural White Pine	High Density Log	130.6	90	81-110	
35	4115 - Y.Birch, Hemlock NH	Medium Density Log	8.0	Uneven Age	81-110	beech dead
36	42200 - Natural White Pine	Medium Density Log	6.9	Uneven Age	81-110	
37	6129 - Mixed Coniferous Lowland Forest	Medium Density Pole	5.7	Uneven Age		

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## Newberry Mgt. Unit

## Report 8 – Forested Stands

Compartment: 027

Year of Entry: 2015



Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4136 - Aspen, Mixed Conifer	Medium Density	67.2	8	1-50	
4115 - Y.Birch, Hemlock NH	High Density Pole	104.5	Uneven Age	81-110	
4113 - R.Maple, Conifer	High Density Pole	52.4	27	51-80	
42200 - Natural White Pine	High Density Log	6.4	90	81-110	
4191 - Mixed Upland Deciduous with Conifer	High Density Log	38.2	90	51-80	
429 - Mixed Upland Conifers	High Density Log	66.1	95	111-140	birch all dead
42200 - Natural White Pine	Medium Density Log	52.5	Uneven Age	51-80	
42260 - Natural Pine, Mixed Deciduous	High Density Log	75.0	Uneven Age	81-110	
4136 - Aspen, Mixed Conifer	Low Density Sapling	36.8	10		
4311 - Pine, Aspen Mix	High Density Log	6.4	Uneven Age	81-110	steep
4115 - Y.Birch, Hemlock NH	High Density Log	36.2	Uneven Age	81-110	dead beech
4311 - Pine, Aspen Mix	High Density Log	397.2	75	51-80	overmature aspen tapers out of stand as you go north
6122 - Black Spruce	Medium Density Pole	37.6	90	81-110	
6128 - Lowland Coniferous, Mixed Deciduous	Medium Density Pole	63.6	Uneven Age	51-80	wet
4311 - Pine, Aspen Mix	High Density Log	102.3	8	1-50	wp over aspen under
4119 - Mixed Northern Hardwoods	High Density Pole	110.2	50	111-140	beech dead
42220 - Natural Jack Pine	High Density Pole	38.4	30		
42260 - Natural Pine, Mixed Deciduous	High Density Sapling	127.6	25	51-80	regenerated wp shelterwood

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Newberry Mgt. Unit

Report 8 – Forested Stands

Compartment: 027  
Year of Entry: 2015



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
75	4130 - Aspen	High Density Sapling	2.5	30		
76	4115 - Y.Birch, Hemlock NH	High Density Log	8.9	90	111-140	
77	429 - Mixed Upland Conifers	High Density Log	56.6	Uneven Age	1-50	Part of sale 8-05 mixed regen.
78	42290 - Natural Mixed Pine	High Density Log	77.8	Uneven Age	81-110	
80	42220 - Natural Jack Pine	High Density Pole	62.8	61	81-110	
81	42210 - Natural Red Pine	High Density Pole	17.8	90	81-110	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
1	50 - Water	2.6	Unspecified	Unspecified	
3	50 - Water	12.3	Unspecified	Unspecified	
4	50 - Water	1.4	Unspecified	Unspecified	
6	50 - Water	3.6	Unspecified	Unspecified	
9	50 - Water	2.6	Unspecified	Unspecified	
11	122 - Road/Parking Lot	0.4	Unspecified	Unspecified	
12	50 - Water	1.8	Unspecified	Unspecified	
16	6224 - Treed Bog	19.2	Unspecified	Unspecified	
18	50 - Water	18.5	Unspecified	Unspecified	
19	50 - Water	9.5	Unspecified	Unspecified	
20	50 - Water	19.2	Unspecified	Unspecified	
21	623 - Emergent Wetland	76.2	Unspecified	Unspecified	
23	50 - Water	1.1	Unspecified	Unspecified	
24	50 - Water	1.9	Unspecified	Unspecified	
25	50 - Water	9.7	Unspecified	Unspecified	
30	50 - Water	1.2	Unspecified	Unspecified	
31	623 - Emergent Wetland	3.1	Unspecified	Unspecified	
32	50 - Water	5.9	Unspecified	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
34	50 - Water	3.5	Unspecified	Unspecified	
39	623 - Emergent Wetland	29.1	Unspecified	Unspecified	
40	50 - Water	28.8	Unspecified	Unspecified	
43	623 - Emergent Wetland	11.0	Unspecified	Unspecified	
44	623 - Emergent Wetland	22.6	Unspecified	Unspecified	
46	623 - Emergent Wetland	14.7	Unspecified	Unspecified	
48	6224 - Treed Bog	73.8	Unspecified	Unspecified	
50	50 - Water	1.1	Unspecified	Unspecified	
53	623 - Emergent Wetland	15.1	Unspecified	Unspecified	
54	50 - Water	1.5	Unspecified	Unspecified	
57	50 - Water	5.1	Unspecified	Unspecified	
61	50 - Water	1.6	Unspecified	Unspecified	
63	50 - Water	1.9	Unspecified	Unspecified	
64	623 - Emergent Wetland	3.5	Unspecified	Unspecified	
65	50 - Water	3.3	Unspecified	Unspecified	
66	6224 - Treed Bog	15.7	Unspecified	Unspecified	
67	50 - Water	5.5	Unspecified	Unspecified	
68	50 - Water	11.2	Unspecified	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
70	50 - Water	3.8	Unspecified	Unspecified	
72	50 - Water	5.4	Unspecified	Unspecified	
79	3302 - Low Density Conifer Trees	67.6	Natural Regen	Jack Pine	failed scarification