



Newberry Forest Management Unit
Compartment Review Presentation
Compartment #42131 Entry Year: 2013
Compartment Acreage: 3503 County: Luce

Revision Date: September 19, 2011

Stand Examiner: Ryan Mattila

Legal Description: T45N R8W, Sections 4, 5, 8, 9, 16, 17, 20, 21, 28, and 29

RMU (if applicable): Text

Management Goals: Deer Yard Complex

Soil and Topography: Mainly level lowland with some subtle ridges.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Compartment is primarily made up of a continuous block of state ownership with one private inholding. The compartment is primarily surrounded by state land.

Unique, Natural Features: MNFI lists the potential for goshawk, merlin, eagle, osprey, and great blue heron rookery, wood turtle in East Branch Sage River, Blanding's turtle, yellow rail, American bittern, least bittern, marsh wren, and common moorhen. Calypso, round-leaved orchid, ram's head lady's slipper, and limestone oak fern in cedar swamps, marsh plants including sweet coltsfoot, Wiegand's sedge, northern prostrate clubmoss, fir clubmoss, English sundew, black crowberry, American shoregrass, moor rush, panicked screw-stem, Hill's pondweed, alga pondweed, alternate-leaved water-milfoil, and autumnal water star-wort, and satiny willow along streams.

Archeological, Historical, and Cultural Features: None are listed.

Special Management Designations or Considerations: Deer Yard

Watershed and Fisheries Considerations:

Fisheries Values: Moderate

Fisheries Concerns: This compartment is skirted by the East Branch Sage River to the west. It is a warm transitional small river. The clear-cut for aspen regeneration is prescribed on the southern end of the compartment. Because of the size of the river at the treatment area, no necessary buffer would be required.

Wildlife Habitat Considerations: Compartment 131 lies in southeastern Luce county in the Seney Sand Lake Plain ecological sub-subsection. The compartment lies within the Sage River Deer yard which supports high numbers of deer during stressful winter periods. The Sage river borders the compartment on the west side along its entire length and is an important wildlife travel corridor. The compartment is dominated by lowland coniferous types.

Wildlife objectives will be achieved by all harvests being timed to occur during winter months to benefit wintering deer (featured species). In addition, all hemlock will be retained in harvested stands to provide crucial cover for wintering deer and black bear (featured species) refuge trees. Scattered birch, aspen and spruce will remain in spruce final harvests to serve as future den and nest trees for marten (featured species)

and flying squirrels and cavity nesting species such as woodpeckers, flycatchers, chickadees and saw-whet owls. Retained spruce will act as seed sources for birds and mammals and resting trees for fisher and marten as well as structural diversity for many species including deer and bobcat.

Mineral Resource and Development Concerns and/or Restrictions:

Sections 4,5,8,9,16,20,21,28 and 29, T45N-R8W, Luce Co.

Surface sediments consist of peat and muck. There is insufficient data to determine the glacial drift thickness. The Ordovician Stonington Formation, Big Hill Dolomite, Queenston Shale and Silurian Manitoulin Dolomite and Cabot Head Shale subcrop below the glacial drift. The Stonington, Big Hill and Manitoulin could be used for stone. Hendricks Quarry is located two miles to the southwest. A clay (?) pit is located one-half mile to the east. Gravel potential is considered limited. There is no economic oil and gas production in the UP.

Vehicle Access: Vehicle access into compartment is limited to M-28 in the north and the Sage River Truck Trail to the south of the compartment. There are a mix of old ice roads that run through the compartment that are growing in that are presently impassable or passable by ATV only.

Survey Needs: None are needed.

Recreational Facilities and Opportunities: Recreational opportunities are primarily fishing and hunting.

Fire Protection: The potential for large fire growth in this compartment is low because of the lowland of conifer and hardwood cover types. Much of the compartment is inaccessible with heavy equipment. Most fires should be low intensity surface fires with slow rates of spread and may require modified suppression tactics.

Additional Compartment Information:

- **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**

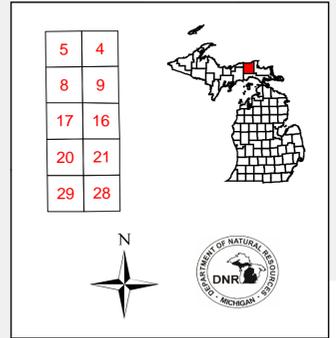
- **The following information is displayed, where pertinent, on the attached compartment maps:**
 - ◆ **Base feature information, stand boundaries, cover types, and numbers**
 - ◆ **Proposed treatments**
 - ◆ **Details on the road access system**

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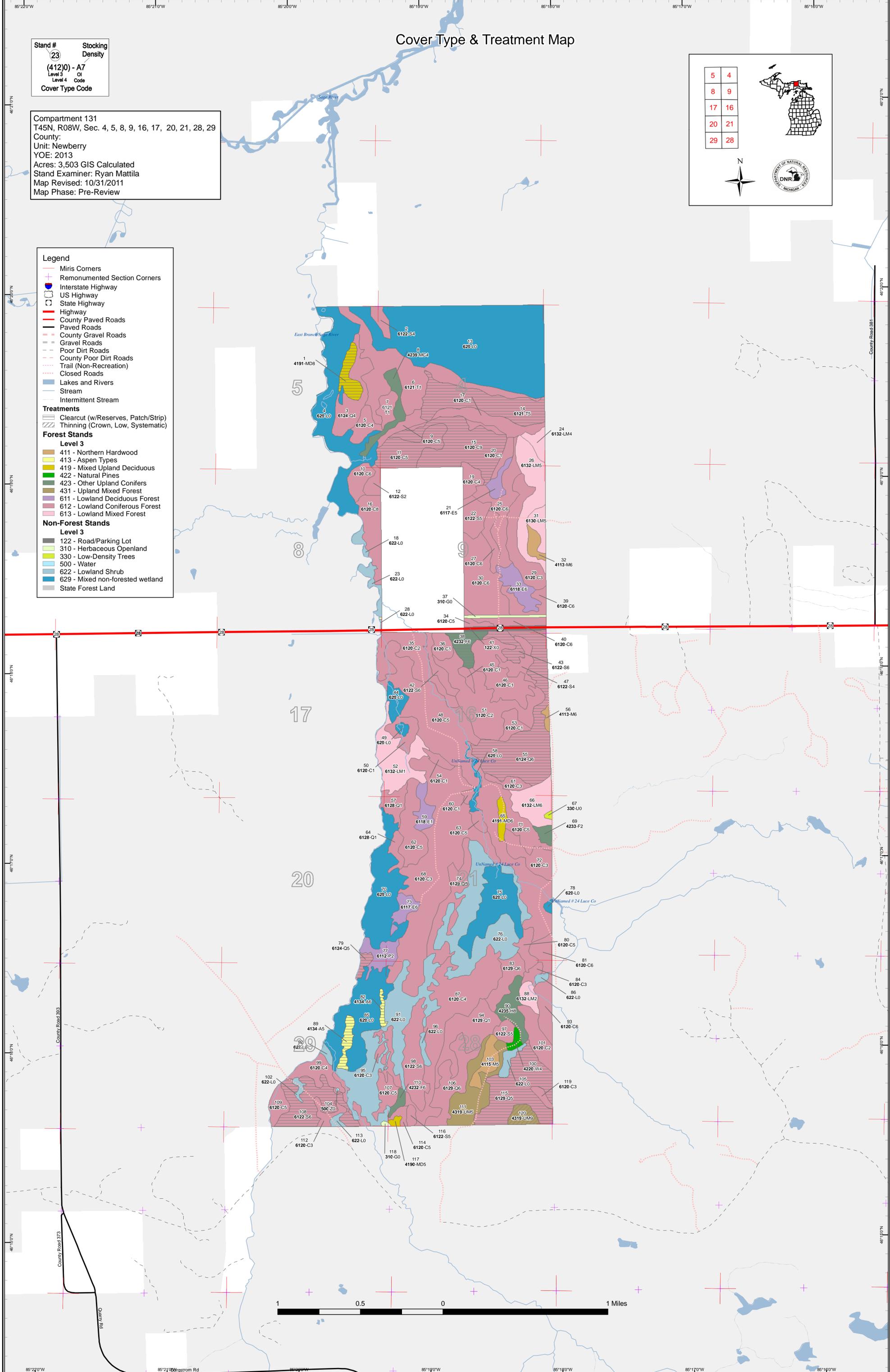
Cover Type & Treatment Map

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

Compartment 131
T45N, R08W, Sec. 4, 5, 8, 9, 16, 17, 20, 21, 28, 29
County:
Unit: Newberry
YOE: 2013
Acres: 3,503 GIS Calculated
Stand Examiner: Ryan Mattila
Map Revised: 10/31/2011
Map Phase: Pre-Review



- Legend**
- Miris Corners
 - Remonumented Section Corners
 - Interstate Highway
 - US Highway
 - State Highway
 - Highway
 - County Paved Roads
 - Paved Roads
 - County Gravel Roads
 - Gravel Roads
 - Poor Dirt Roads
 - County Poor Dirt Roads
 - Trail (Non-Recreation)
 - Closed Roads
 - Lakes and Rivers
 - Stream
 - Intermittent Stream
- Treatments**
- Clearcut (w/Reserves, Patch/Strip)
 - Thinning (Crown, Low, Systematic)
- Forest Stands**
- Level 3**
- 411 - Northern Hardwood
 - 413 - Aspen Types
 - 419 - Mixed Upland Deciduous
 - 422 - Natural Pines
 - 423 - Other Upland Conifers
 - 431 - Upland Mixed Forest
 - 611 - Lowland Deciduous Forest
 - 612 - Lowland Coniferous Forest
 - 613 - Lowland Mixed Forest
- Non-Forest Stands**
- Level 3**
- 122 - Road/Parking Lot
 - 310 - Herbaceous Openland
 - 330 - Low-Density Trees
 - 500 - Water
 - 622 - Lowland Shrub
 - 629 - Mixed non-forested wetland
 - State Forest Land



1 0.5 0 1 Miles

Stand Boundary Map

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

Compartment 131
T45N, R08W, Sec. 4, 5, 8, 9, 16, 17, 20, 21, 28, 29
County:
Unit: Newberry
YOE: 2013
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5	4
8	9
17	16
20	21
29	28



N



Legend

- Miris Corners
- Remonumented Section Corners
- Highway
- County Paved Roads
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- Poor Dirt Roads
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- Stand Boundaries

Forest Stands

Level 3

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Non-Forest Stands

Level 3

- 122 - Road/Parking Lot
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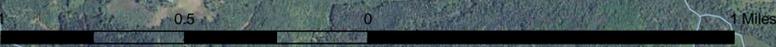
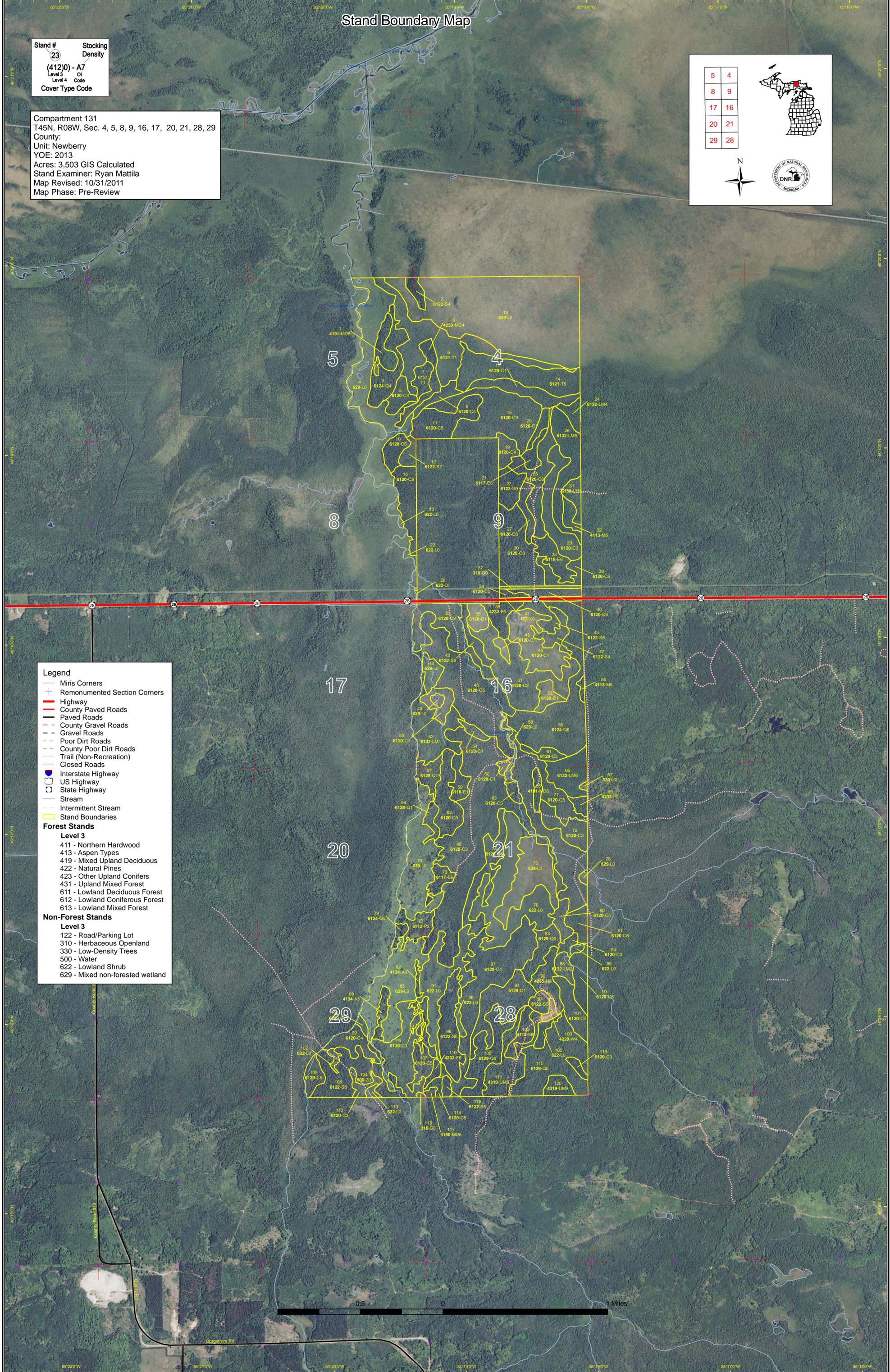


Table 1 – Total Acres by Cover Type and Age Class



	Age Class														Total	
	Non-Forested	1-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120 +		Unretn Age
Aspen	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	14
Cedar	0	0	0	35	51	112	275	0	145	53	14	141	105	477	0	1407
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	22	0	22
Herbaceous Openland	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Low-Density Trees	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Lowland Aspen/Balsam Poplar	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	18
Lowland Conifers	0	0	0	0	0	15	47	48	62	190	0	0	5	35	0	403
Lowland Deciduous	0	0	0	0	0	14	12	9	22	0	0	0	0	0	0	58
Lowland Mixed Forest	0	0	0	0	0	49	0	0	33	58	19	0	0	0	0	160
Lowland Shrub	873	0	0	0	0	0	0	0	0	0	0	0	0	0	0	873
Lowland Spruce/Fir	0	0	0	0	8	0	0	0	116	61	0	8	0	0	0	194
Mixed Upland Deciduous	0	0	0	0	0	0	2	0	7	0	16	0	0	0	0	26
Northern Hardwood	0	0	0	0	0	0	0	0	0	24	0	3	0	0	0	27
Tamarack	0	0	0	0	0	95	0	0	0	0	0	0	0	83	0	178
Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	0	18	0	18
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	44	12	0	0	0	0	56
Upland Spruce/Fir	0	0	0	0	6	0	0	0	18	0	0	0	0	5	0	28
Urban	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
White Pine	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4
Total	889	0	18	35	79	285	337	58	408	430	61	152	110	640	0	3503



Table 2 – Proposed Treatment Summaries

Newberry Mgt. Unit
Year of Entry 2013

Compartment 131
Total Compartment Acres: 3503

Acres by Treatment Type

Commercial Harvest - 498	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 0	Other - 0
Habitat Cut - 19	Opening Maintenance - 0	Tree Seeding - 0	Pesticide - 0	

Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Aspen	14	0	0	0	0	0	14
Cedar	122	0	0	0	0	0	122
Lowland Conifers	196	0	0	0	0	0	196
Lowland Spruce/Fir	66	0	0	0	0	0	66
Mixed Upland Deciduous	16	0	0	0	0	0	16
Northern Hardwood	0	3	0	0	0	0	3
Tamarack	72	0	0	0	0	0	72
Upland Mixed Forest	0	0	0	0	12	0	12
Upland Spruce/Fir	18	0	0	0	0	0	18
Total	503	3	0	0	12	0	517



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
1	42131001-Cut	16.4	4191 - Mixed Upland Deciduous with Conifer	Medium Density Log	94	Harvest	Clearcut with Reserves	4135 - Aspen, Cedar	Cmpt. Review Proposal
<u>Prescription:</u> Clear cut to regenerate stand, leave cedar for retention. leave any hemlock and some mature aspen/birch in redline trees and any large white <u>Specs:</u> pine. winter harvest after january 1 <u>Other</u> <u>Comments:</u> <u>Next</u> acceptable regeneration is any mix of aspen, red maple, birch, spruce, fir, tamarack, or cedar <u>Steps:</u>									
11	42131011-Cut	39.3	6120 - Lowland Cedar	Medium Density Pole	150	Harvest	Clearcut with Reserves	6132 - Mixed Lowland Forest with Cedar	Cmpt. Review Proposal
<u>Prescription:</u> clear cut stand leaving pockets of 20-30 cedar every 200 ft for retention and seed source, also leave 2 or 3 pockets of mostly pure cedar about 1 <u>Specs:</u> ac in size and any hemlock. winter harvest after january 1 <u>Other</u> <u>Comments:</u> <u>Next</u> regen check and seed with cedar if no regen, acceptable regeneration includes any mix of spruce, fir, cedar, tamarack, aspen, red maple or birch <u>Steps:</u>									
14	42131014-Cut	71.7	6121 - Tamarack	Medium Density Pole	126	Harvest	Clearcut with Reserves	6121 - Tamarack	Cmpt. Review Proposal
<u>Prescription:</u> clearcut stand to regenerate, leave scatred trees or pockets for seed source and retention. leave any hemlock and leave 1 aspen, birch, maple <u>Specs:</u> or limby spruce for every 2 acres harvested ware present. winter harvest after january 1 <u>Other</u> <u>Comments:</u> <u>Next</u> acceptable regeneration includes any mix of spruce, fir, cedar, tamarack, aspen, red maple or birch <u>Steps:</u>									
15	42131015-Cut	82.3	6120 - Lowland Cedar	High Density Log	163	Harvest	Clearcut with Reserves	6120 - Lowland Cedar	Cmpt. Review Proposal
<u>Prescription:</u> clear cut stand leaving pockets of 20-30 cedar every 200 ft for retention and seed source, also leave 2 or 3 pockets of mostly pure cedar about 1 <u>Specs:</u> ac in size and any hemlock. winter harvest after january 1 <u>Other</u> <u>Comments:</u> <u>Next</u> regen check and seed with cedar if no regen, acceptable regeneration includes any mix of spruce, fir, cedar, tamarack, aspen, red maple or birch <u>Steps:</u>									
38	42131038-Cut	17.6	42320 - Upland Spruce	High Density Pole	71	Harvest	Clearcut with Reserves	42340 - Upland Spruce/Fir	Cmpt. Review Proposal
<u>Prescription:</u> clear cut stand leaving all cedar for retention and seed source except as needed for opperability. also leave 1 aspen, birch or maple for every 2 <u>Specs:</u> acres harvested and any hemlock, winter cut <u>Other</u> <u>Comments:</u> <u>Next</u> acceptable regeneration includes any mix of spruce, fir, cedar, tamarack, aspen, red maple or birch <u>Steps:</u>									



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
43	42131043-Cut	12.9	6122 - Black Spruce	High Density Pole	77	Harvest	Clearcut with Reserves	6122 - Black Spruce	Cmpt. Review Proposal
<u>Prescription:</u> clear cut stand leaving all cedar for retention and seed source except as needed for operability. also leave 1 aspen, birch, maple or limby spruce for every 2 acres harvested and any hemlock, winter cut <u>Specs:</u> <u>Other Comments:</u> <u>Next Steps:</u> acceptable regeneration includes any mix of spruce, fir, cedar, tamarack, aspen, red maple or birch									
55	42131055-Cut	108.7	6124 - Lowland Spruce-Fir	High Density Pole	88	Harvest	Clearcut with Reserves	6132 - Mixed Lowland Forest with Cedar	Cmpt. Review Proposal
<u>Prescription:</u> clear cut stand leaving all cedar for retention and seed source except as needed for operability. also leave 1 aspen, birch, maple or limby spruce for every 2 acres harvested and any hemlock, winter cut <u>Specs:</u> <u>Other Comments:</u> <u>Next Steps:</u> acceptable regeneration includes any mix of spruce, fir, cedar, tamarack, aspen, red maple or birch									
108	42131108-Cut	53.1	6122 - Black Spruce	High Density Pole	85	Harvest	Clearcut with Reserves	6122 - Black Spruce	Cmpt. Review Proposal
<u>Prescription:</u> clear cut stand leaving all cedar for retention and seed source except as needed for operability. also leave 1 aspen, birch, maple or limby spruce for every 3-5 acres harvested and any hemlock, winter cut <u>Specs:</u> <u>Other Comments:</u> <u>Next Steps:</u> acceptable regeneration includes any mix of spruce, fir, cedar, tamarack, aspen, red maple or birch									
115	42131115-Cut	81.7	6129 - Mixed Coniferous Lowland Forest	Medium Density Pole	85	Harvest	Clearcut with Reserves	6132 - Mixed Lowland Forest with Cedar	Cmpt. Review Proposal
<u>Prescription:</u> clear cut stand leaving all hemlock and cedar. also leave 1 aspen, birch, maple or limby spruce for every 2 acres harvested, winter cut <u>Specs:</u> <u>Other Comments:</u> <u>Next Steps:</u> acceptable regeneration includes any mix of spruce, fir, cedar, tamarack, aspen, red maple or birch									
120	42131120-Cut	11.6	4319 - Mixed Upland Forest	High Density Log	92	Harvest	Crown Thinning	42201 - Natural White Pine, Mixed Deciduous	Cmpt. Review Proposal
<u>Prescription:</u> mark to cut white pine and red maple cut most of the aspen and white birch leaving some for diversity leave all hemlock and cedar unless needed for operability, winter cut <u>Specs:</u> <u>Other Comments:</u> <u>Next Steps:</u>									

**Total Treatment
Acreage Proposed: 495.3**



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
79	42131079-Cut	5.1	6124 - Lowland Spruce-Fir	Medium Density Pole	110	Harvest	Clearcut with Reserves	6112 - Lowland Aspen	Cmpt. Review Proposal

Prescription clear cut to regenerate aspen for deer. hand fell wildlife cut, winter cut

Specs:

Other

Comment:

Next acceptable regeneration includes any mix of spruce, fir, cedar, tamarack, aspen, red maple or birch

Steps:

Limiting Factor and No 2G: Blocked by physical obstacle

Treatment Reason

82	42131082-Cut	3.7	4134 - Aspen, Spruce/Fir	High Density Pole	37	Harvest	Clearcut	4130 - Aspen	Cmpt. Review Proposal
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Prescription clear cut to regenerate for deer. wildlife hand cut, winter cut

Specs:

Other

Comment:

Next acceptable regeneration includes any mix of spruce, fir, cedar, tamarack, aspen, red maple or birch

Steps:

Limiting Factor and No 2G: Blocked by physical obstacle

Treatment Reason

89	42131089-Cut	10.1	4134 - Aspen, Spruce/Fir	Medium Density Pole	37	Harvest	Clearcut	4130 - Aspen	Cmpt. Review Proposal
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Prescription cut to regenerate for deer. access commercially by crossing creek to south with temp bridge or wildlife cut, winter cut

Specs:

Other

Comment:

Next

Steps:

Limiting Factor and No 2G: Blocked by physical obstacle

Treatment Reason

**Total Treatment
Acreage Proposed: 18.9**

**Out of YOE -- Treatments
Prescribed with No Limiting Factor**

Year of Entry: 2013



Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
42045001-Cut	3.9	42210 - Natural Red Pine	High Density Log	89	Harvest	Seed Tree	42210 - Natural Red Pine	Cmpt. Review Proposal
<p><u>Prescription:</u> Harvest site to imitate a catastrophic crown fire by "clear-cutting all but a patchy mosaic of pine trees and clumps of trees to serve as seed trees"</p> <p><u>Specs:</u> (MNFI). Focus on the 8-18 inch DBH class. Residual BA 10-20 to allow for successful pine regeneration.</p> <p><u>Other Comments:</u> This stand is identified by MNFI as a Dry Northern Forest. Move some of the Hemlock and Yellow Birch logs into stand 34 for Hemlock regeneration nurse logs.</p> <p><u>Next Steps:</u> Burn the harvested area in the spring to reduce slash, hardwood competition, and to expose the mineral soil. This should be done within 2-3 years after the completion of any harvesting activities. If the site is not burned within the time frame, scarify site to promote pine regeneration. If scarification fails, plant red pine. Acceptable regeneration mix is RP and a small component of WP.</p>								

**Total Treatment
Acreage Proposed: 3.9**

Stand	Newberry Mgt. Unit		5 – Forested Stands		Compartment: 131	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	
1	4191 - Mixed Upland Deciduous with Conifer	Medium Density Log	16.4	94		
2	6122 - Black Spruce	Low Density Pole	8.4	103		Stand falling apart, Regenerating well
3	6124 - Lowland Spruce-Fir	Low Density Pole	34.8	134		Stand regenerating well in areas that the oferstory has fallen away
5	6120 - Lowland Cedar	Low Density Pole	14.2	52		
6	6121 - Tamarack	Low Density Sapling	95.3	48		
7	6121 - Tamarack	Low Density Sapling	11.4	138		
8	42390 - Mixed Non-Pine Upland Conifers	Low Density Pole	18.3	125		
9	6120 - Lowland Cedar	Medium Density Pole	11.1	125		
10	6120 - Lowland Cedar	High Density Pole	14.6	116		
11	6120 - Lowland Cedar	Medium Density Pole	39.3	150		
12	6122 - Black Spruce	Medium Density	8.3	39		
14	6121 - Tamarack	Medium Density Pole	71.7	126		
15	6120 - Lowland Cedar	High Density Log	88.0	163		
16	6120 - Lowland Cedar	Medium Density Log	32.1	173		
17	6120 - Lowland Cedar	Low Density Sapling	27.6	76		
19	6120 - Lowland Cedar	Low Density Pole	12.4	129		
20	6120 - Lowland Cedar	Low Density Sapling	7.4	28		
21	6117 - Lowland Deciduous, Mixed Coniferous	Medium Density Pole	9.4	68		



S t a n d	Newberry Mgt. Unit		5 – Forested Stands			Compartment: 131
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2013
General Comments:						
22	6122 - Black Spruce	Medium Density Pole	19.5	71		
24	6132 - Mixed Lowland Forest with Cedar	Low Density Pole	9.6	97		
25	6120 - Lowland Cedar	High Density Pole	39.5	82		
26	6132 - Mixed Lowland Forest with Cedar	Medium Density Pole	46.5	84		
27	6120 - Lowland Cedar	High Density Pole	12.1	112		
29	6120 - Lowland Cedar	High Density Sapling	39.0	79		
30	6120 - Lowland Cedar	High Density Pole	63.8	118		
31	6130 - Fir, Aspen, Maple	Medium Density Pole	11.9	82	51-80	
32	4113 - R.Maple, Conifer	High Density Pole	8.6	84	51-80	
33	6118 - Lowland Deciduous with Cedar	High Density Pole	21.9	74		
34	6120 - Lowland Cedar	Medium Density Pole	4.0	148		
35	6120 - Lowland Cedar	Medium Density	47.0	73		
36	6120 - Lowland Cedar	Low Density Sapling	11.4	27		
38	42320 - Upland Spruce	High Density Pole	17.6	71		
39	6120 - Lowland Cedar	High Density Pole	14.6	112		
40	6120 - Lowland Cedar	High Density Pole	12.1	125		
42	6122 - Black Spruce	High Density Pole	12.4	74		
43	6122 - Black Spruce	High Density Pole	12.9	77		



S t a n d	Newberry Mgt. Unit		5 – Forested Stands			Compartment: 131
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2013
						General Comments:
45	6120 - Lowland Cedar	Low Density Sapling	4.6	25		
46	6120 - Lowland Cedar	Low Density Sapling	51.1	30		
47	6122 - Black Spruce	Low Density Pole	15.7	75		
48	6120 - Lowland Cedar	Medium Density Pole	113.2	157		
50	6120 - Lowland Cedar	Low Density Sapling	14.0	40		
51	6120 - Lowland Cedar	Medium Density	77.3	40		
52	6132 - Mixed Lowland Forest with Cedar	Low Density Sapling	49.1	40		
53	6120 - Lowland Cedar	Low Density Sapling	11.6	25		
54	6120 - Lowland Cedar	Low Density Sapling	5.8	100		
55	6124 - Lowland Spruce- Fir	High Density Pole	108.7	88		
56	4113 - R.Maple, Conifer	High Density Pole	2.8	100	81-110	
57	6128 - Lowland Coniferous, Mixed Deciduous	Low Density Sapling	14.8	40		
59	6118 - Lowland Deciduous with Cedar	Low Density Sapling	13.8	45		
60	6120 - Lowland Cedar	Low Density Sapling	2.8	50		
61	6120 - Lowland Cedar	High Density Sapling	8.9	50		
62	6120 - Lowland Cedar	Medium Density Pole	35.3	160		
63	6120 - Lowland Cedar	Medium Density Pole	5.6	170		
64	6128 - Lowland Coniferous, Mixed Deciduous	Low Density Sapling	8.4	50		



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Newberry Mgt. Unit

5 – Forested Stands

Compartment: 131
Year of Entry: 2013

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4191 - Mixed Upland Deciduous with Conifer	High Density Pole	7.2	75		
6132 - Mixed Lowland Forest with Cedar	High Density Pole	32.9	75		
6120 - Lowland Cedar	High Density Sapling	200.6	50		
42330 - Upland Fir	Medium Density	6.0	35		
6120 - Lowland Cedar	Medium Density Pole	102.6	100		
6120 - Lowland Cedar	High Density Sapling	25.2	50		
6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	12.4	58		
6129 - Mixed Coniferous Lowland Forest	Medium Density Pole	38.7	50		
6112 - Lowland Aspen	Medium Density	18.4	12		
6124 - Lowland Spruce- Fir	Medium Density Pole	5.1	110		stand falling apart wildlife cut to regenerate aspen
6120 - Lowland Cedar	Medium Density Pole	11.6	78		
6120 - Lowland Cedar	High Density Pole	13.6	92		
4134 - Aspen, Spruce/Fir	High Density Pole	3.7	37		
6129 - Mixed Coniferous Lowland Forest	High Density Pole	21.2	79		
6120 - Lowland Cedar	High Density Sapling	5.9	45		
6120 - Lowland Cedar	Low Density Pole	104.6	123		
6132 - Mixed Lowland Forest with Cedar	Medium Density	9.8	95		
4134 - Aspen, Spruce/Fir	Medium Density Pole	10.1	37		

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Newberry Mgt. Unit

5 – Forested Stands

Compartment: 131
Year of Entry: 2013

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
90	42350 - Upland Hemlock	Medium Density Log	22.1	175		
93	6120 - Lowland Cedar	High Density Pole	19.5	76		
94	6129 - Mixed Coniferous Lowland Forest	Low Density Sapling	48.4	65		
95	6120 - Lowland Cedar	High Density Sapling	14.8	40		
97	6122 - Black Spruce	Medium Density Pole	8.6	78		
98	6122 - Black Spruce	High Density Pole	43.1	73		
99	6120 - Lowland Cedar	Low Density Pole	20.1	103		
100	42200 - Natural White Pine	Low Density Pole	4.4	74	1-50	
101	6120 - Lowland Cedar	Medium Density	23.0	58		
103	4115 - Y.Birch, Hemlock NH	Medium Density Pole	15.2	85	81-110	
106	6129 - Mixed Coniferous Lowland Forest	High Density Pole	41.2	72		
107	6120 - Lowland Cedar	Medium Density Pole	14.8	130		
108	6122 - Black Spruce	High Density Pole	61.0	85		
109	6120 - Lowland Cedar	Medium Density Pole	12.4	103		
110	42320 - Upland Spruce	High Density Pole	4.8	140		
111	4319 - Mixed Upland Forest	Medium Density Pole	44.2	80	51-80	
112	6120 - Lowland Cedar	High Density Sapling	8.4	87		
114	6120 - Lowland Cedar	Medium Density Pole	4.6	135		

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Newberry Mgt. Unit

5 – Forested Stands

Compartment: 131
Year of Entry: 2013



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
115	6129 - Mixed Coniferous Lowland Forest	Medium Density Pole	81.7	85		
116	6122 - Black Spruce	Medium Density Pole	4.3	79		
117	4190 - Mixed Upland Deciduous with Cedar	Medium Density Pole	2.3	58		
119	6120 - Lowland Cedar	High Density Sapling	4.7	82		
120	4319 - Mixed Upland Forest	High Density Log	11.6	92	171-200	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
4	629 - Mixed non-forested wetland	107.4	N/A	Unspecified	
13	629 - Mixed non-forested wetland	277.5	N/A	Unspecified	
18	622 - Lowland Shrub	4.8	N/A	Unspecified	
23	622 - Lowland Shrub	8.5	N/A	Unspecified	
28	622 - Lowland Shrub	0.3	N/A	Unspecified	
37	310 - Herbaceous Openland	5.4	N/A	Unspecified	
41	122 - Road/Parking Lot	8.3	N/A	Unspecified	
44	629 - Mixed non-forested wetland	12.1	N/A	Unspecified	
49	629 - Mixed non-forested wetland	3.2	N/A	Unspecified	
58	629 - Mixed non-forested wetland	6.7	N/A	Unspecified	
67	330 - Low-Density Trees	1.1	N/A	Unspecified	
70	629 - Mixed non-forested wetland	75.1	N/A	Unspecified	
75	629 - Mixed non-forested wetland	57.7	N/A	Unspecified	
76	622 - Lowland Shrub	105.1	N/A	Unspecified	
78	629 - Mixed non-forested wetland	2.1	N/A	Unspecified	
85	629 - Mixed non-forested wetland	75.2	N/A	Unspecified	
86	622 - Lowland Shrub	2.5	N/A	Unspecified	
91	622 - Lowland Shrub	114.0	N/A	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
92	622 - Lowland Shrub	3.1	N/A	Unspecified	
96	622 - Lowland Shrub	4.2	N/A	Unspecified	
102	622 - Lowland Shrub	3.3	N/A	Unspecified	
104	50 - Water	0.3	N/A	Unspecified	
105	622 - Lowland Shrub	7.2	N/A	Unspecified	
113	622 - Lowland Shrub	3.1	N/A	Unspecified	
118	310 - Herbaceous Openland	0.9	N/A	Unspecified	

**7 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS**

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

Stand	SCA Type	SCA Name	Acres	Comments
multiple - see	SCA Removal	42131_SCA_Removal	3261.8	This is proposed for removal because of redundant data with the SCA Deer Yard.



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	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.
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.