



Compartment Review Presentation

Newberry Forest Management Unit

Compartment 104

Entry Year 2015

Acreage: 5,144

County Luce

Management Area: Tahquamenon Basin Wetlands

Revision Date: 08/19/2013

Stand Examiner: Matt Payment

Legal Description:

T45N R10W section(s) 4,5,6

T46N R10W Sections(s) 28,29,30,31,32,33

T46N R11W Section(s) 25,26,27,34,35,36

Identified Planning Goals:

To maintain a healthy, sustainable forest ecosystem with special emphasis on wildlife and fisheries habitat.

Soil and topography:

Part of the Tahquamenon River Swamp Complex containing marsh types (Dawson, Loxley peat and Carbondale, Markey muck) and subtle ridges of timber (Crowell – spot sand and Kinross Augres sand/loams).

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

Primarily State – owned lands, with private lands south and east of the compartment boundary.

Unique Natural Features:

The Tahquamenon River and Mud Lake.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

A majority of the compartment is bound by the Tahquamenon River, railroad tracks, Mud Lake and extremely low / wet ground. These things should be factored in when making management decisions.

Watershed and Fisheries Considerations:

Tahquamenon River. Fisheries values are excellent. Teaspoon, Carlson and East Lake Creek are all designated trout streams which need to be protected. In addition, the Dollarville Flooding supports northern pike, northern muskellunge, walleyes, perch, and occasional smallmouth bass. Mud Lake provides good spawning habitat for pike and to a limited extent muskies as well.

Wildlife Habitat Considerations:

This compartment is located in the Seney Sand Lake Plain ecological sub-subsection. It is also within the McMillian deer yard and supports high numbers of deer during demanding winter periods. The Tahquamenon River runs along the northern border of this compartment. Teaspoon creek serves as the southern border of the eastern half of the compartment while the railroad makes up the southern boundary in the western half. The compartment is dominated by treed bogs, marsh, open water, and lowland brush. Jack pine is supported on drier uplands while spruce, tamarack and mixed swamp conifer occupy lowland areas. The low productivity of these habitat types is consistent with what was described in presettlement records. The Dollarville Flooding (~ 2600 acre) is located in this compartment and has heavy seasonal use by migrating and resident waterfowl as well as nesting locations for bald eagles and osprey.

Species diversity will be maximized in retention areas of harvested stands to enhance structural diversity. Forested corridors should be maintained to facilitate ease of movement between upland and lowland areas. Buffer zones along streams and rivers should be sustained to preserve travel corridors and wetland wildlife values and habitats. Wildlife featured species in the management area include black bear, gray jay, snowshoe hare, and white-tailed deer. In addition, waterfowl species are sought after and managed for on the flooding.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of peat and muck. There is insufficient data to determine the glacial drift thickness. Ordovician Stonington Formation subcrops below the glacial drift. The Stonington does not have an economic use. Gravel pits are located one mile to the south but potential appears to be limited. There is no economic oil and gas production in the Upper

Peninsula.

Vehicle Access:

The compartment is located 2 ½ miles west of Newberry. The eastern portions of the compartment can be accessed by County Road 405 (Dollarville Road) and County Road 434. There is very limited access on the remaining portions of the compartment. These areas can be accessed by boat from the Tahquamenon River or by foot.

Survey Needs:

None

Recreational Facilities and Opportunities:

Located on the east end of the compartment is County Road 434 which leads to the Natalie rustic campground located on the Tahquamenon River. Adjacent to the campground is a state owned boat access site to the Tahquamenon River.

Fire Protection:

Large fire runs may be possible but not likely because of the mixture of lowland and ridge Jack Pine complexes and open marshes. Very few areas are accessible with wheeled heavy equipment and modified suppression tactics may need to be considered in this area. Private property could be at risk to wildfire.

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**

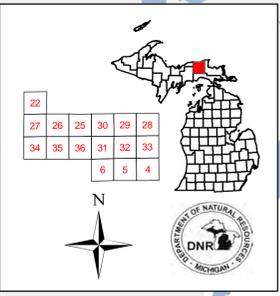
The following information is displayed, where pertinent, on the attached compartment maps:

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

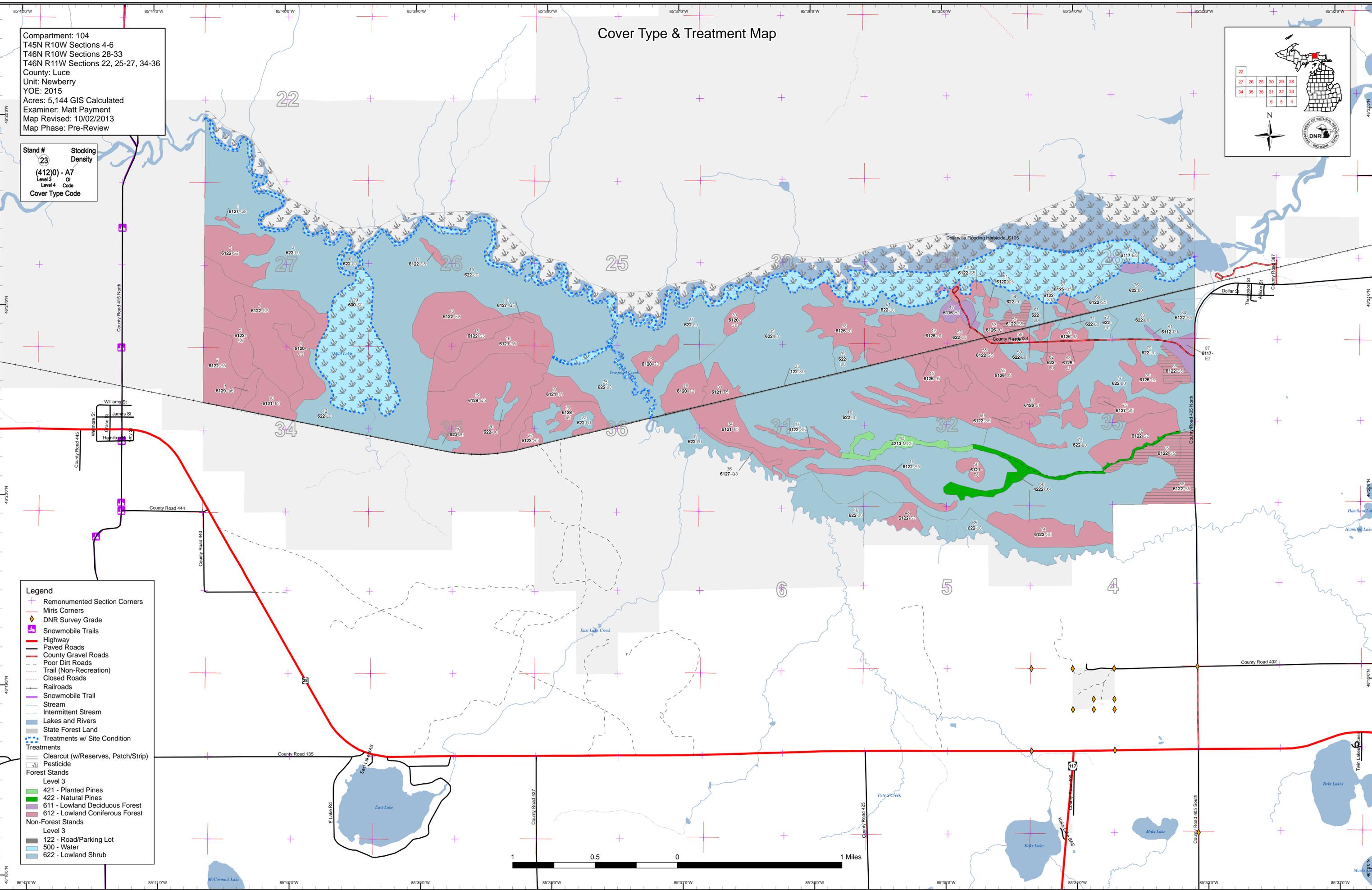
Cover Type & Treatment Map

Compartment: 104
 T45N R10W Sections 4-6
 T46N R10W Sections 28-33
 T46N R11W Sections 22, 25-27, 34-36
 County: Luce
 Unit: Newberry
 YOE: 2015
 Acres: 5,144 GIS Calculated
 Examiner: Matt Payment
 Map Revised: 10/02/2013
 Map Phase: Pre-Review

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



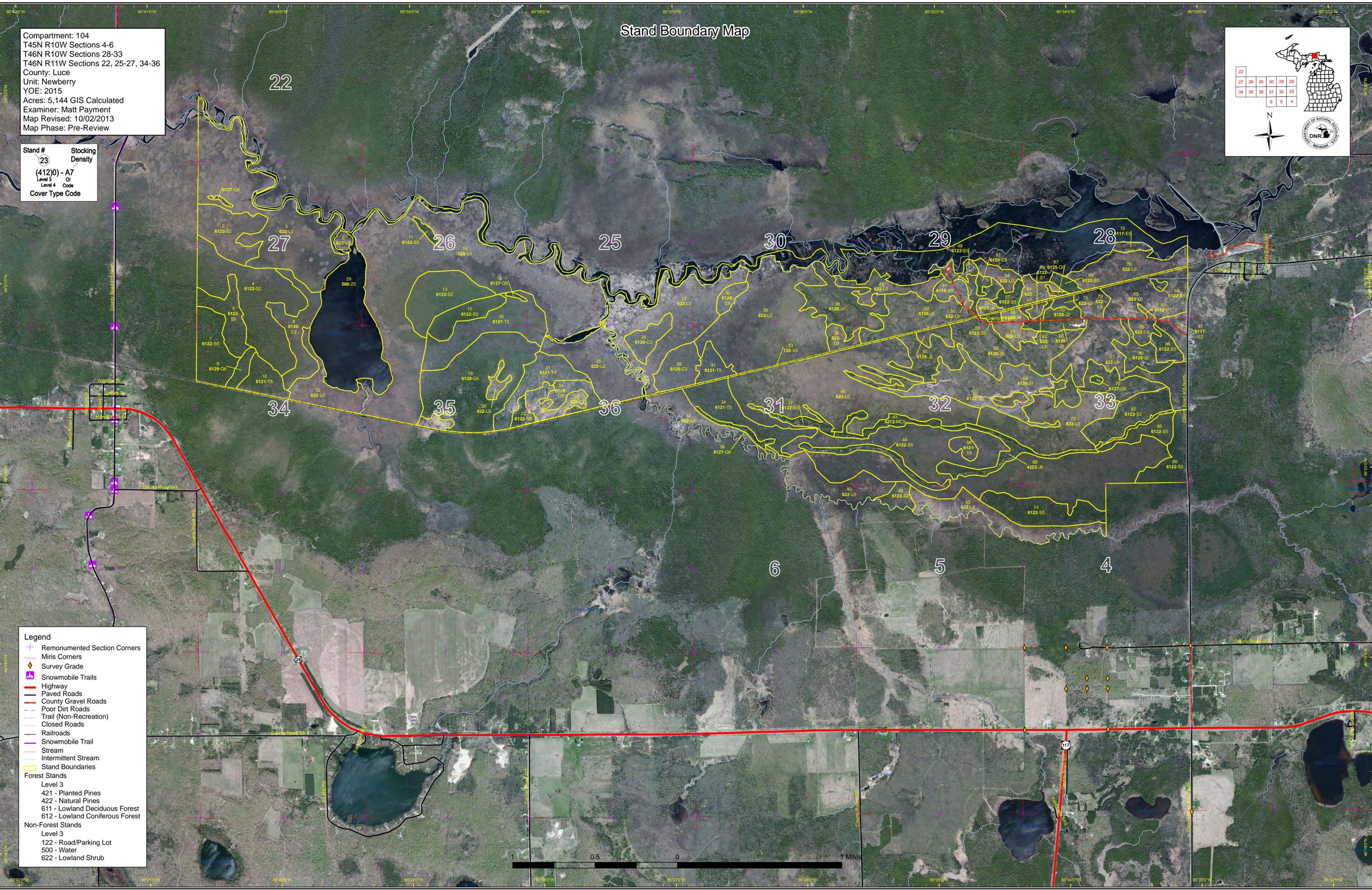
- Legend**
- Remonumented Section Corners
 - Miris Corners
 - DNR Survey Grade
 - Snowmobile Trails
 - Highway
 - Paved Roads
 - County Gravel Roads
 - Poor Dirt Roads
 - Trail (Non-Recreation)
 - Closed Roads
 - Railroads
 - Snowmobile Trail
 - Stream
 - Intermittent Stream
 - Lakes and Rivers
 - State Forest Land
 - Treatments w/ Site Condition
 - Treatments
 - Clearcut (w/Reserves, Patch/Strip)
 - Pesticide
 - Forest Stands
 - Level 3
 - 421 - Planted Pines
 - 422 - Natural Pines
 - 611 - Lowland Deciduous Forest
 - 612 - Lowland Coniferous Forest
 - Non-Forest Stands
 - Level 3
 - 122 - Road/Parking Lot
 - 500 - Water
 - 622 - Lowland Shrub



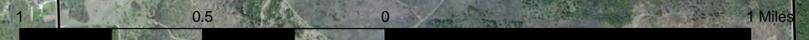
Stand Boundary Map

Compartment: 104
 T45N R10W Sections 4-6
 T46N R10W Sections 28-33
 T46N R11W Sections 22, 25-27, 34-36
 County: Luce
 Unit: Newberry
 YOE: 2015
 Acres: 5,144 GIS Calculated
 Examiner: Matt Payment
 Map Revised: 10/02/2013
 Map Phase: Pre-Review

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



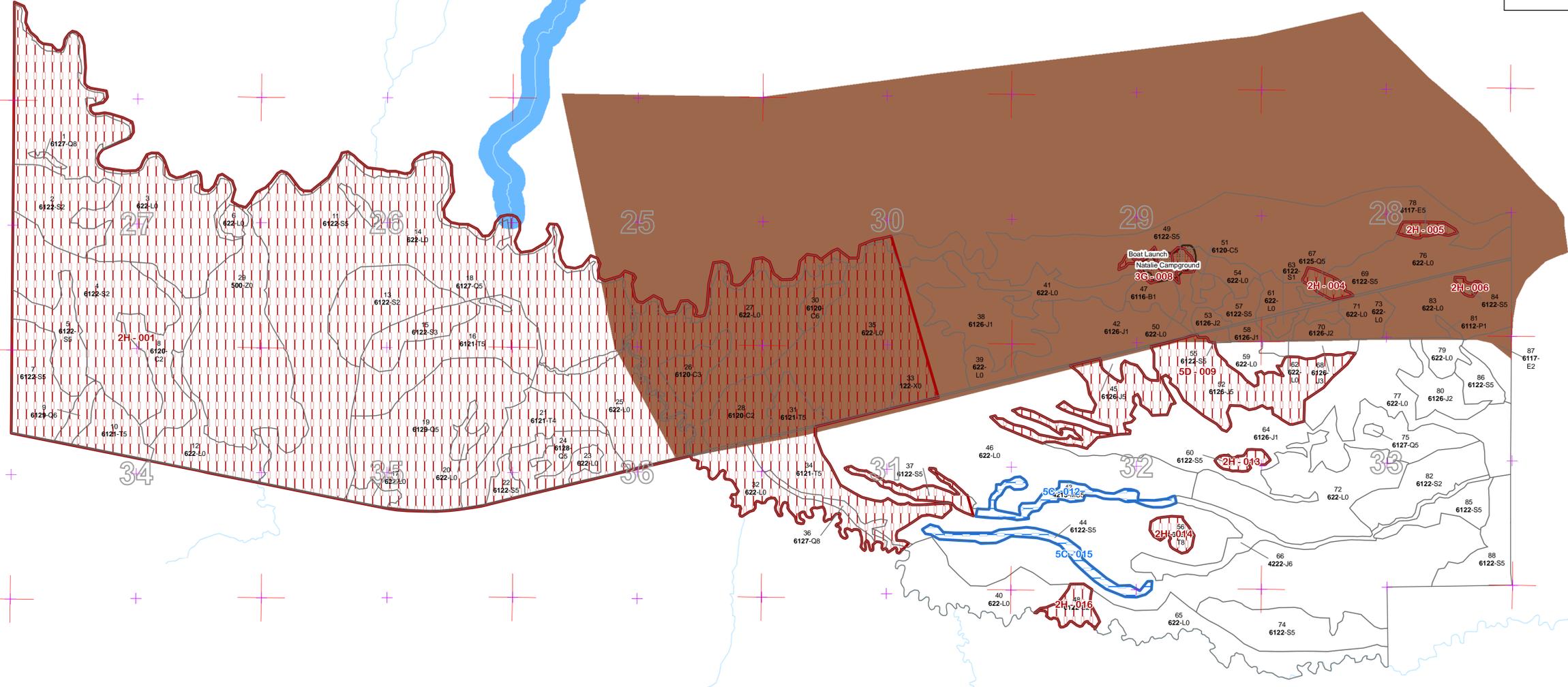
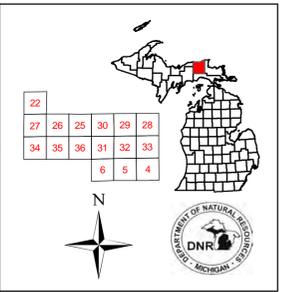
- Legend**
- ✚ Remonumented Section Corners
 - ✚ Miris Corners
 - ◆ Survey Grade
 - ⚡ Snowmobile Trails
 - Highway
 - Paved Roads
 - County Gravel Roads
 - Poor Dirt Roads
 - Trail (Non-Recreation)
 - Closed Roads
 - Railroads
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 - Stream
 - Intermittent Stream
 - Stand Boundaries
- Forest Stands**
- Level 3
 - 421 - Planted Pines
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- Non-Forest Stands**
- Level 3
 - 122 - Road/Parking Lot
 - 500 - Water
 - 622 - Lowland Shrub



Special Conservation Areas & Site Conditions Map

Compartment: 104
 T45N R10W Sections 4-6
 T46N R10W Sections 28-33
 T46N R11W Sections 22, 25-27, 34-36
 County: Luce
 Unit: Newberry
 YOE: 2015
 Acres: 5,144 GIS Calculated
 Examiner: Matt Payment
 Map Revised: 10/02/2013
 Map Phase: Pre-Review

Stand #
 (412)0 - A7
 Level 3
 Level 4
 Cover Type Code



Legend

- + Remonumented Section Corners
- Miris Corners
- Stand Boundaries
- Site Condition Available
- Available w/ Constraints (Factor - Number)
- Unavailable (Factor - Number)
- Site Condition Type
- Available Factors W/ Constraints
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable Factors
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3G: Other Influence zones - See comments
- 5D: Unproductive Forest Land
- Reviewable SCAs
- Proposed SCAs
- Proposed SCA
- SCA Removal
- Dedicated Special Conservation Areas
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer
- Wildlife Management Areas



Report 1 – Total Acres by Cover Type and Age Class

Newberry Mgt. Unit

Compartment 104 Year of Entry 2015

Matthew Payment : Examiner



	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
Cedar	0	0	0	0	0	0	0	0	0	0	74	5	55	0	134
Jack Pine	175	98	84	0	39	26	0	150	0	0	0	0	0	0	572
Lowland Aspen/Balsam Poplar	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Lowland Conifers	0	0	0	0	0	0	0	4	22	168	29	0	0	0	224
Lowland Deciduous	19	0	0	0	0	0	0	0	7	0	0	0	0	0	26
Lowland Shrub	2597	0	0	0	0	0	0	0	0	0	0	0	0	0	2597
Lowland Spruce/Fir	0	0	0	0	0	52	64	3	371	90	104	41	0	0	725
Paper Birch	17	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Planted Mixed Pines	0	0	0	24	0	0	0	0	0	0	0	0	0	0	24
Tamarack	0	0	0	0	0	0	0	88	40	83	49	0	0	0	261
Urban	25	0	0	0	0	0	0	0	0	0	0	0	0	0	25
Water	537	0	0	0	0	0	0	0	0	0	0	0	0	0	537
Total	3371	98	84	24	39	78	64	246	441	342	256	46	55	0	5144



Report 2 – Proposed Treatment Summaries

Newberry Mgt. Unit
Year of Entry 2015

Compartment 104
Total Compartment Acres: 5,144

Acres by Treatment Type

Commercial Harvest - 95	Tree Planting - 0	Other - 537
Habitat Cut - 0	Opening Maintenance - 0	

Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Lowland Coniferous Forest	95	0	0	0	0	0	95
Total	95	0	0	0	0	0	95



Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
57	42104057-Cut	12.0	6122 - Black Spruce	Medium Density Pole	87		Harvest	Clearcut with Reserves	6122 - Black Spruce	Cmpt. Review Proposal
<u>Prescription</u> Cut all Black Spruce, Jack Pine, and Aspen. Leave a component of Paper Birch and Tamarack. Leave all red and white pine. <u>Specs:</u> <u>Other Comments:</u> There is a component of sub canopy species present. <u>Next Steps:</u> Regeneration Survey <u>Proposed Start Date:</u> 10/01/2014										
85	42104085-Cut	24.8	6122 - Black Spruce	Medium Density Pole	85		Harvest	Clearcut with Reserves	6122 - Black Spruce	Cmpt. Review Proposal
<u>Prescription</u> Cut all species present leaving a small component of larger trees scattered throughout the stand. <u>Specs:</u> <u>Other Comments:</u> <u>Next Steps:</u> Regeneration Survey <u>Proposed Start Date:</u> 10/01/2014										
86	42104086-Cut	16.6	6122 - Black Spruce	Medium Density Pole	87		Harvest	Clearcut with Reserves	6122 - Black Spruce	Cmpt. Review Proposal
<u>Prescription</u> Cut all black spruce and jack pine. Leave red pine 1per 5 acres. Leave a component of aspen in the stand. <u>Specs:</u> <u>Other Comments:</u> <u>Next Steps:</u> Regeneration Survey <u>Proposed Start Date:</u> 10/01/2014										
88	42104088-Cut	41.1	6122 - Black Spruce	Medium Density Pole	110		Harvest	Clearcut with Reserves	6122 - Black Spruce	Cmpt. Review Proposal
<u>Prescription</u> Cut all species present and leave a component of all species present scattered througout the stand. <u>Specs:</u> <u>Other Comments:</u> <u>Next Steps:</u> Regeneration survey. <u>Proposed Start Date:</u> 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
Dollarville Flooding Herbicide_C1 05	596.1					Pesticide	Aerial	50 - Water	Fld. Tr. Bdy. - Pending Approval

Prescription: Spray with herbicide to control invasive species of Phragmites grass growing in the river system via helicopter.

Specs:

Other Comments: Backpack sprayer may be used in addition.

Next Steps: Continuous monitoring and treating of river system as long as there is funding.

Proposed

Start Date: 05/08/2013

**Total Treatment
Acreage Proposed: 690.6**

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	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
29	Dollarville Flooding Herbicide	536.6	50 - Water				Pesticide	Aerial	50 - Water	Cmpt. Review Proposal

Prescription Spray with herbicide to control invasive species of Phragmites grass growing in the river system via helicopter spraying.

Specs:

Other

Comment:

Next Steps: Contiuous monitoring and treating of river system as long as there is funding.

Proposed

Start Date: Unspecified

Limiting Factor 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)

**Total Treatment
Acreage Proposed: 536.6**

Report 5 – Site Conditions

Newberry Mgt. Unit
Matt Payment : Examiner

Compartment 104
Year of Entry 2015

Availability for Management

Total Acres	Acres		Dominant Site Conditions	No	5D	5C	3G	2H
	Available	Not Available						
134	5	129	Cedar	5				129
572	422	150	Jack Pine	422	150			
2	2		Lowland Aspen/Balsam Poplar	2				
224	4	219	Lowland Conifers	4				219
26	19	7	Lowland Deciduous	19				7
725	242	482	Lowland Spruce/Fir	218		24	12	470
17	17		Paper Birch	17				
24	24		Planted Mixed Pines			24		
261	0	261	Tamarack	0				261
1,985	736	1,250	Total Forested Acres	688	150	48	12	1,087
	37%	63%	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 Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
001	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	2,567	2G: Too wet (sensitive soils, does not include access issues)			
Comments: <Null>							
004	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	8	No Limiting Factor			
Comments:							
005	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	7	3H: Deer Wintering Areas			
Comments: Must cross a larger marsh to reach stand.							

Report 5 – Site Conditions

Newberry Mgt. Unit
 Matt Payment : Examiner

Compartment 104
 Year of Entry 2015

006	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3	
Comments:				
008	Not Available	3G: Other Influence zones - See comments	12	
Comments: Has boat access site and Natalie Campground.				
009	Not Available	5D: Unproductive Forest Land	150	
Comments: Stand still has small diameter and would be better if harversted next rotation.				
012	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	24	
Comments: To be cut with Jack Pine ridge to the east.				
013	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	7	
Comments:				
014	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	11	
Comments:				

Report 5 – Site Conditions

Newberry Mgt. Unit
Matt Payment : Examiner

Compartment 104
Year of Entry 2015

015	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	24
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Comments:

Stand still has small diameter and would be better if harvested next rotation. Delay treatment until adjacent ridges are ready for access reasons.

016	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	15
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Comments:

**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
Boat Launch Comments	Concentrated Recreation Area	Boat Access Site	SCA	1.4
Natalie Campground Comments	Concentrated Recreation Area	State Forest Campground	SCA	12.9



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 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.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	6127 - Lowland Pine	Medium Density Log	2.1	104		Island of trees in the middle of a treed bog. Was signs of an eagle nest in the stand. Stand consists of mature white pine with black spruce scattered on edges.
2	6122 - Black Spruce	Medium Density	61.4	90		There were signs of past cutting within the stand. Stand is a black spruce mixed with tamarack and tag alder.
4	6122 - Black Spruce	Medium Density	144.4	85		
5	6122 - Black Spruce	Medium Density Pole	40.9	85		Some thick areas of cedar that are stunted and beginning to die out. Mostly black spruce with tamarack throughout the stand. Some areas have good regeneration of spruce and tamarack.
7	6122 - Black Spruce	Medium Density Pole	55.9	85		
8	6120 - Lowland Cedar	Medium Density	55.3	123		Thick stunted cedar with a component of scattered tamarack and black spruce.
9	6129 - Mixed Coniferous Lowland Forest	High Density Pole	11.9	85		Previous OI indicated stand was cut over in the 20's and has moved to a black spruce - tamarack stand that is suppressed. There is cedar present in the stand spread throughout.
10	6121 - Tamarack	Medium Density Pole	29.5	88		Scattered black spruce and cedar throughout the stand. Eastern Larch beetle has affected the stand significantly.
11	6122 - Black Spruce	Medium Density Pole	5.2	97		Small ridge of timber consisting mainly of black spruce with scattered tamarack and sparse white pine.
13	6122 - Black Spruce	Medium Density	70.7	104		Stand is a treed bog containing black spruce and tamarack consisting heavily of sapling size trees. Scattered throughout the stand are a few merchantable trees of both species.
15	6122 - Black Spruce	High Density Sapling	33.4	104		Stand is similar to 14 but has more merchantable trees in it. It is boerderline sapling/pole stand. Treed bog with spruce and tamarack. Some small amounts of cedar regen coming in patches within the stand.
16	6121 - Tamarack	Medium Density Pole	88.3	74		Heavy tamarack with sparsely scattered black spruce throughout. The lower areas in the stand are treed - bog.
18	6127 - Lowland Pine	Medium Density Pole	1.9	104		Small island of mainly white pine with some quaking aspen and paper birch mixed throughout. There an eagles nest in the stand in a white pine.
19	6129 - Mixed Coniferous Lowland Forest	Medium Density Pole	168.2	91		Thick black spruce, tamarack, and cedar. North part is more open with thick cedar pockets within stand. Understory black spruce with some cedar.
21	6121 - Tamarack	Low Density Pole	49.4	106		

Stand	Newberry Mgt. Unit		Report 8 – Forested Stands			Compartment: 104
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2015
						General Comments:
22	6122 - Black Spruce	Medium Density Pole	10.1	85		
24	6128 - Lowland Coniferous, Mixed Deciduous	Medium Density Pole	25.1	106		Balsam poplar and aspen around edges of the stand with scattered tamarack and black spruce in the interior of the stand.
26	6120 - Lowland Cedar	High Density Sapling	24.4	104		
28	6120 - Lowland Cedar	Medium Density	37.1	104		Thick stunted white cedar with the teaspoon creek to the west.
30	6120 - Lowland Cedar	High Density Pole	12.4	104		thick cedar some stunted, scattered black spruce and tamarack.
31	6121 - Tamarack	Medium Density Pole	20.3	97		Heavy dead tamarack. Small ridge along the west side of stand with black spruce. One red maple on the ridge.
34	6121 - Tamarack	Medium Density Pole	63.0	97		Scattered white pine and paper birch along edges of stand and in high spots. Some small cedar mixed in as well.
36	6127 - Lowland Pine	Medium Density Log	10.3	85		Large white pine with some red pine on a ridge. Edges drop into tag alder - marshy area.
37	6122 - Black Spruce	Medium Density Pole	15.4	80		A ridge running northwest to southeast. Large white pine along along the ridge with the edges having thick black spruce and jack pine. Aspen around some of the openings that are beginning to die out. Previous inventory states stand hasn't been cut in the last 70 years.
38	6126 - Lowland Jack Pine	Low Density Sapling	73.4	24		Stand was cut in the winter of '87-'88. TSale# 06-85
42	6126 - Lowland Jack Pine	Low Density Sapling	69.9	15		mostly jp with small rp islands scattered within
43	42130 - Planted Scotch Pine	Medium Density Pole	24.0	35		Ridge of planted Scotch Pine. Jack pine and paper birch seeding in along edges of the ridge. Scattered white pine, paper birch, quaking aspen along the ridge.
44	6122 - Black Spruce	Medium Density Pole	24.0	80		Mix of black spruce and jack pine with scattered paper birch and white pine along edges of the ridge.
45	6126 - Lowland Jack Pine	Medium Density Pole	11.1	56		patchy pockets of jp in stand.
47	6116 - Lowland Birch	Low Density Sapling	16.6	4		cut in 2009 stand has lots of pb regen wth bs,jp,wp scattered throughout.
48	6122 - Black Spruce	Medium Density	15.1	94		Older black spruce with thick tag alder with marshy open areas.





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
49	6122 - Black Spruce	Medium Density Pole	12.2	84		
51	6120 - Lowland Cedar	Medium Density Pole	5.2	118		older stand with possible potential.
52	6126 - Lowland Jack Pine	Medium Density Pole	150.1	75		
53	6126 - Lowland Jack Pine	Medium Density	6.8	4		Scattered paper birch. Cut in '09 Sale # 017-05-01
55	6122 - Black Spruce	Medium Density Pole	3.2	73		
56	6121 - Tamarack	Medium Density Log	10.8	80		Thick large tamarack with signs of E. Larch Beetle. Small stand has tough access to it.
57	6122 - Black Spruce	Medium Density Pole	12.0	87		Patchy aspen in stand along with small thick pockets of jack pine. Red and white pine sparsely scattered throughout the stand.
58	6126 - Lowland Jack Pine	Low Density Sapling	6.5	4		Sale# 017-05-01 completed 3/11/09
60	6122 - Black Spruce	Medium Density Pole	7.3	80		
63	6122 - Black Spruce	Low Density Sapling	4.5	81		stand cut 2009, paper birch regeneration mixed with black spruce. very low b.a.
64	6126 - Lowland Jack Pine	Low Density Sapling	161.6	5		Dollarville Jack Pine Sale # 018-05-01 Complete 4/7/08. Large scattered red pine on the ridges with a fair amount of blow downs and dead snags left standing. Very good regeneration of jack pine and quaking aspen within the stand.
66	42220 - Natural Jack Pine	High Density Pole	38.7	45		Stand is a long narrow ridge running east and west with a small over grown two track running through it. Sparse red and white pine throughout the stand with moderate pole sized jack pine on the ridge.
67	6125 - Lowland Black Spruce, Jack Pine	Medium Density Pole	2.3	74		A small ridge mixed in with lowland mixed timber.
68	6126 - Lowland Jack Pine	High Density Sapling	15.3	50		Small ridge running east to west consisting of sapling/pole size jack pine with mixed quaking aspen. Few large scattered jack pine.
69	6122 - Black Spruce	Medium Density Pole	8.4	92		Few white pine and paper birch scattered through the stand.
70	6126 - Lowland Jack Pine	Medium Density	10.3	24		tam mixed aspen in stand

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Newberry Mgt. Unit

Report 8 – Forested Stands

Compartment: 104
Year of Entry: 2015

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
74	6122 - Black Spruce	Medium Density Pole	63.7	62		Heavy to black spruce with scattered pockets and individual jack pine. Sparse amount of tamarack. Large amounts of tag alder and leatherleaf.
75	6127 - Lowland Pine	Medium Density Pole	1.9	71		Small island of red pine left from cutting in 2009.
78	6117 - Lowland Deciduous, Mixed Coniferous	Medium Density Pole	7.2	85		No record for stand age. Located along the Tahquamenon R. stand surrounded by water.
80	6126 - Lowland Jack Pine	Medium Density	28.4	15		well stocked jack pine stand.
81	6112 - Lowland Aspen	Low Density Sapling	2.1	4		good aspen regen, scattered bs,bs,tam
82	6122 - Black Spruce	Medium Density	51.7	55		
84	6122 - Black Spruce	Medium Density Pole	2.8	85		
85	6122 - Black Spruce	Medium Density Pole	24.8	85		Small stand in the middle of the marsh. Tough access still standing water surrounding the stand. Not a significant amount of volume within stand.
86	6122 - Black Spruce	Medium Density Pole	16.6	87		Light tamarack near edges of stand. Decent amount of volume in the stand despite small acreage.
87	6117 - Lowland Deciduous, Mixed Coniferous	Medium Density	18.9	4		Patchy black spruce & tamarack scattered throughout the aspen.
88	6122 - Black Spruce	Medium Density Pole	41.1	110		few white spruce along rd. sparse jp mixed into spruce.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
3	622 - Lowland Shrub	236.9	Unspecified	Unspecified	
6	622 - Lowland Shrub	6.8	Unspecified	Unspecified	
12	622 - Lowland Shrub	49.4	Unspecified	Unspecified	
14	622 - Lowland Shrub	468.2	Unspecified	Unspecified	
17	622 - Lowland Shrub	8.5	Unspecified	Unspecified	
20	622 - Lowland Shrub	8.7	Unspecified	Unspecified	
23	622 - Lowland Shrub	27.0	Unspecified	Unspecified	
25	622 - Lowland Shrub	86.1	Unspecified	Unspecified	
27	622 - Lowland Shrub	143.9	Unspecified	Unspecified	
29	50 - Water	536.6	Unspecified	Unspecified	
32	622 - Lowland Shrub	43.9	Unspecified	Unspecified	
33	122 - Road/Parking Lot	25.1	Unspecified	Unspecified	
35	622 - Lowland Shrub	216.3	Unspecified	Unspecified	
39	622 - Lowland Shrub	14.2	Unspecified	Unspecified	
40	622 - Lowland Shrub	67.5	Unspecified	Unspecified	
41	622 - Lowland Shrub	32.8	Unspecified	Unspecified	
46	622 - Lowland Shrub	658.1	Unspecified	Unspecified	
50	622 - Lowland Shrub	14.2	Unspecified	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
54	622 - Lowland Shrub	16.0	Unspecified	Unspecified	
59	622 - Lowland Shrub	17.7	Unspecified	Unspecified	
61	622 - Lowland Shrub	16.5	Unspecified	Unspecified	
62	622 - Lowland Shrub	4.9	Unspecified	Unspecified	
65	622 - Lowland Shrub	68.5	Unspecified	Unspecified	
71	622 - Lowland Shrub	6.0	Unspecified	Unspecified	
72	622 - Lowland Shrub	118.2	Unspecified	Unspecified	
73	622 - Lowland Shrub	19.0	Unspecified	Unspecified	
76	622 - Lowland Shrub	61.6	Unspecified	Unspecified	
77	622 - Lowland Shrub	98.6	Unspecified	Unspecified	
79	622 - Lowland Shrub	13.3	Unspecified	Unspecified	
83	622 - Lowland Shrub	74.1	Unspecified	Unspecified	