



Newberry Forest Management Unit
Compartment Review Presentation
Compartment #42064 Entry Year: 2014
Compartment Acreage: 1759 County: Chippewa

Revision Date: September 10, 2012

Stand Examiner: Amy Douglass

Legal Description: T48N R6W, Sec. 6; T48N R7W, Sec. 1; T49N R7W, Sec. 23-26, 35 & 36

RMU (if applicable): Whitefish Vermillion Point Management Area

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

Soil and Topography: The compartment ranges from boggy areas that consist primarily of Kinross-Dawson complex and Dawson and Loxley peats; to low transitional/low rolling land consisting of Kinross-Wainola complex, Kinross-Au Gres complex, Wainola-Kinross-Rousseau complex and Markey-Kinross-Au Gres complex; to rolling upland ridges/steep ridges of Deer Park-Kinross Complex, Crosswell-Au Gres sands, Deer Park fine sand and Rousseau fine sand.

Ownership Patterns, Development, and Land Use in and Around the Compartment: The compartment ownership is broken by private lands, both moderate acreage (40 – 120 acres) and smaller. The compartment's west boundary is shared by Tahquamenon Falls State Park. State Lands adjoin to the east. There are year-round homes, seasonal cabins, hunting cabins and a horse riding stables adjacent.

Unique, Natural Features: A muskeg community is identified in the northern portion of the compartment.

Archeological, Historical, and Cultural Features: None noted.

Special Management Designations or Considerations: M-123 is a designated Scenic Heritage Route.

Watershed and Fisheries Considerations: Fisheries Values: Minimal

Fisheries Concerns: Cheney Creek in this compartment is a warm transitional stream. Any treatments prescribed should maintain a 100' buffer from the creek.

Wildlife Habitat Considerations: Compartment 64 is situated in north western Chippewa county and is in the Seney Sand Lake Plain ecological sub-subsection and in the Whitefish Point Management Area with moose, spruce grouse, red crossbill, and piping plover as designated featured species. The compartment is characterized by lowland areas with fingers of jack pine and mixed conifer in the northern half and more of a deciduous component, spruce and mixed conifer in the southern half.

Wildlife objectives will be met by maintaining maximum species diversity in harvested stands, buffering low, wet areas and creeks, and scattering retention. A spruce and large diameter white pine component will be preserved to maintain vertical structure and food sources for spruce grouse. A birch component and large diameter aspen will be retained in jack pine harvests to provide current and future snags and den trees. In addition to featured species, wildlife species likely to use this compartment include white tailed deer, black bear, fisher, marten, and snowshoe hare.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of lacustrine (lake) sand and gravel and peat and muck. There is insufficient data to determine the glacial drift thickness. The Precambrian Jacobsville Sandstone subcrops below the glacial drift, and was used as a building stone in the past. Gravel pits are not located in the area, and potential appears to be limited. There is no economic oil and gas production in the UP.

Vehicle Access: M-123 runs along the western edge of this compartment, with Preacher Lakes Road on the northern edge. Interior access is limited to Lost Lake Road (mostly through private), some access points off of Timber Lost Road, as well as an access road off M-123. Other access to the edge of the compartment could be gained through adjacent private lands.

Survey Needs: Some DNR corners exist and some private lines have been run for cutting, but more work may need to be done.

Recreational Facilities and Opportunities: Snowmobile Trail #45 cuts through the northern portion of the compartment. Other recreational opportunities may include wildlife viewing, hunting, and fishing.

Fire Protection: This compartment is part of the Whitefish Zone Dispatch Area. Large fire potential exists, but may rarely occur because of the mixed lowland communities, scattered pine ridges and mixed hardwood types. Adjacent compartments may be of concern for large fires. Response times are long due to its distance from available resources in Newberry.

Additional Compartment Information: A shift in the Park boundary west to M-123 added additional acres to this compartment. These stands are scheduled for harvest.

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

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

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

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

Cover Type & Treatment Map

Compartment: 064
 T48N R06W Sec. 6
 T48N R07W Sec. 1
 T49N R06W Sec. 31
 T49N R07W Sec. 23 - 26, 35, 36
 County: Chippewa
 Unit: Newberry
 YOE: 2014
 Acres: 1,759 GIS Calculated
 Examiner: Amy Douglass
 Map Revised: 10/04/2012
 Map Phase: Pre-Review

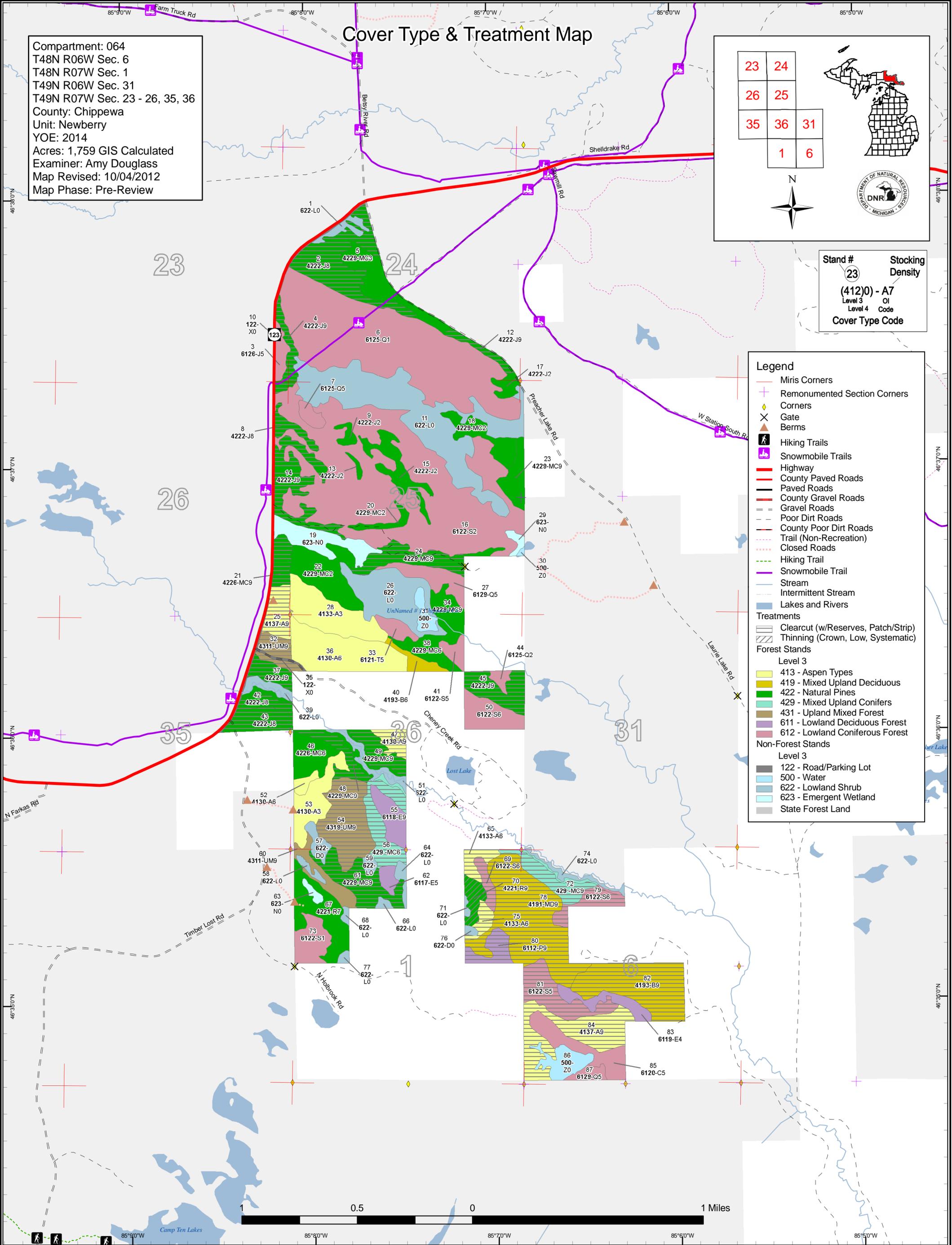
23	24	
26	25	
35	36	31
	1	6



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

Legend

- Miris Corners
- Remonumented Section Corners
- Corners
- Gate
- Berms
- Hiking Trails
- Snowmobile Trails
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads
- Hiking Trail
- Snowmobile Trail
- Stream
- Intermittent Stream
- Lakes and Rivers
- Treatments
 - Clearcut (w/Reserves, Patch/Strip)
 - Thinning (Crown, Low, Systematic)
- Forest Stands
 - Level 3
 - 413 - Aspen Types
 - 419 - Mixed Upland Deciduous
 - 422 - Natural Pines
 - 429 - Mixed Upland Conifers
 - 431 - Upland Mixed Forest
 - 611 - Lowland Deciduous Forest
 - 612 - Lowland Coniferous Forest
 - Non-Forest Stands
 - Level 3
 - 122 - Road/Parking Lot
 - 500 - Water
 - 622 - Lowland Shrub
 - 623 - Emergent Wetland
 - State Forest Land



Stand Boundary Map

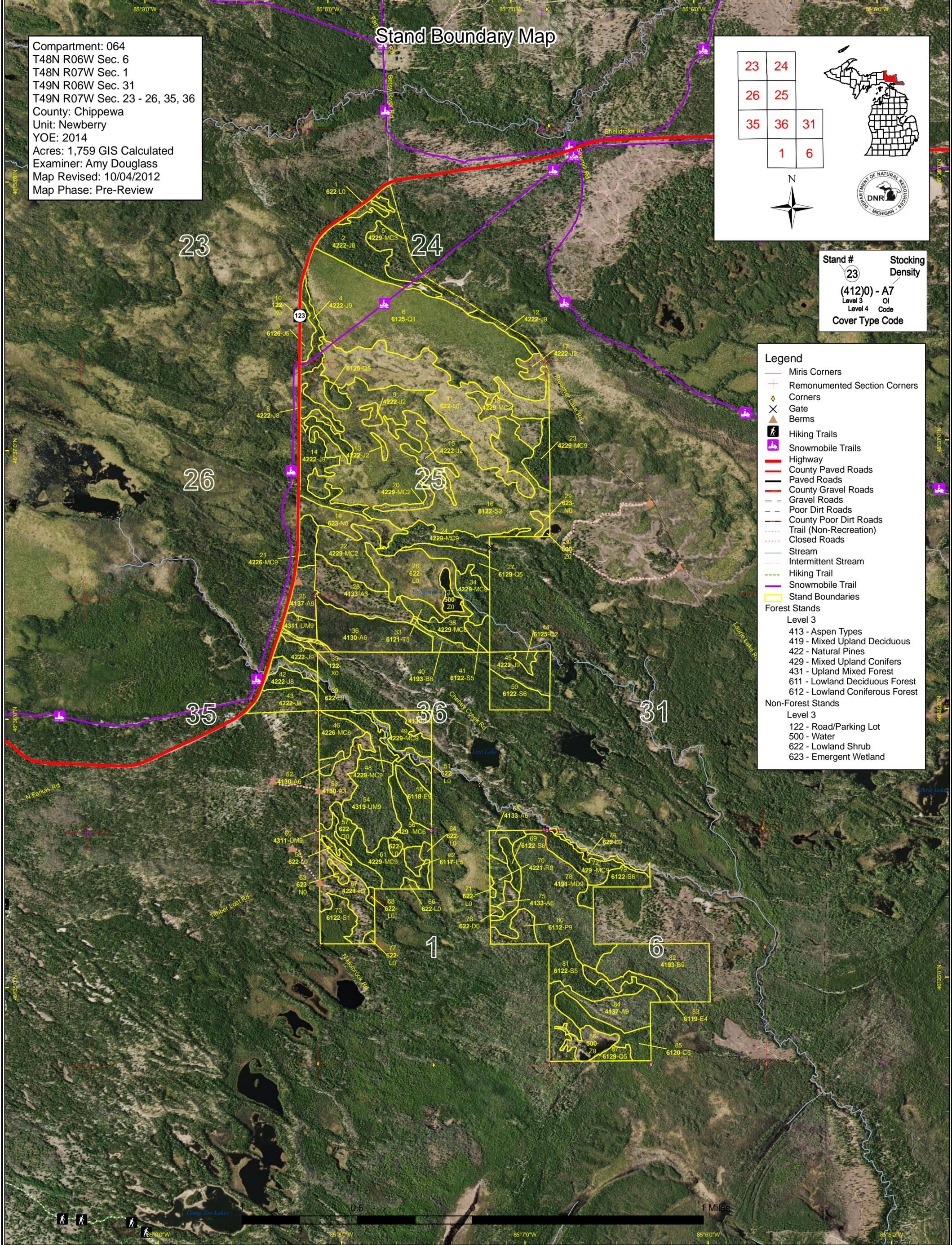
Compartment: 064
 T48N R06W Sec. 6
 T48N R07W Sec. 1
 T49N R06W Sec. 31
 T49N R07W Sec. 23 - 26, 35, 36
 County: Chippewa
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Stand #
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Stocking Density
 (4120) - A7
 Level 3 OI
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- Legend**
- Miris Corners
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 - Stand Boundaries
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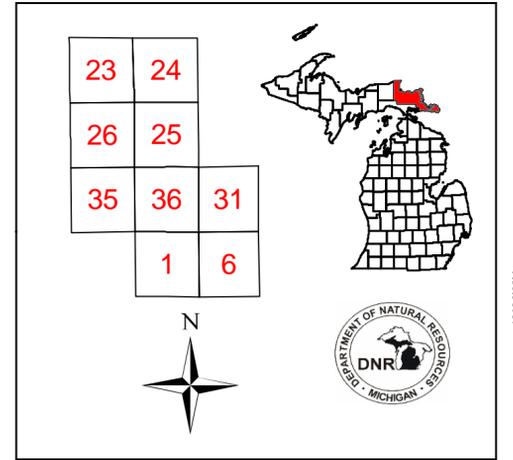
0.5

1 Miles

85°90'W 85°80'W 85°70'W 85°60'W 85°50'W

Dedicated & Proposed Special Conservation Area Map

Compartment: 064
 T48N R06W Sec. 6
 T48N R07W Sec. 1
 T49N R06W Sec. 31
 T49N R07W Sec. 23 - 26, 35, 36
 County: Chippewa
 Unit: Newberry
 YOE: 2014
 Acres: 1,759 GIS Calculated
 Examiner: Amy Douglass
 Map Revised: 10/04/2012
 Map Phase: Pre-Review



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

- Legend**
- Miris Corners
 - + Remonumented Section Corners
 - Stand Boundaries
 - Dedicated Special Conservation Areas
 - Ecological Reference Areas
 - ▨ Visual Management Areas
 - Non_Dedicated Natural Areas and National Natural Landmarks
 - Cold Water Streams
 - Forest Stands**
 - Level 3
 - 413 - Aspen Types
 - 419 - Mixed Upland Deciduous
 - 422 - Natural Pines
 - 429 - Mixed Upland Conifers
 - 431 - Upland Mixed Forest
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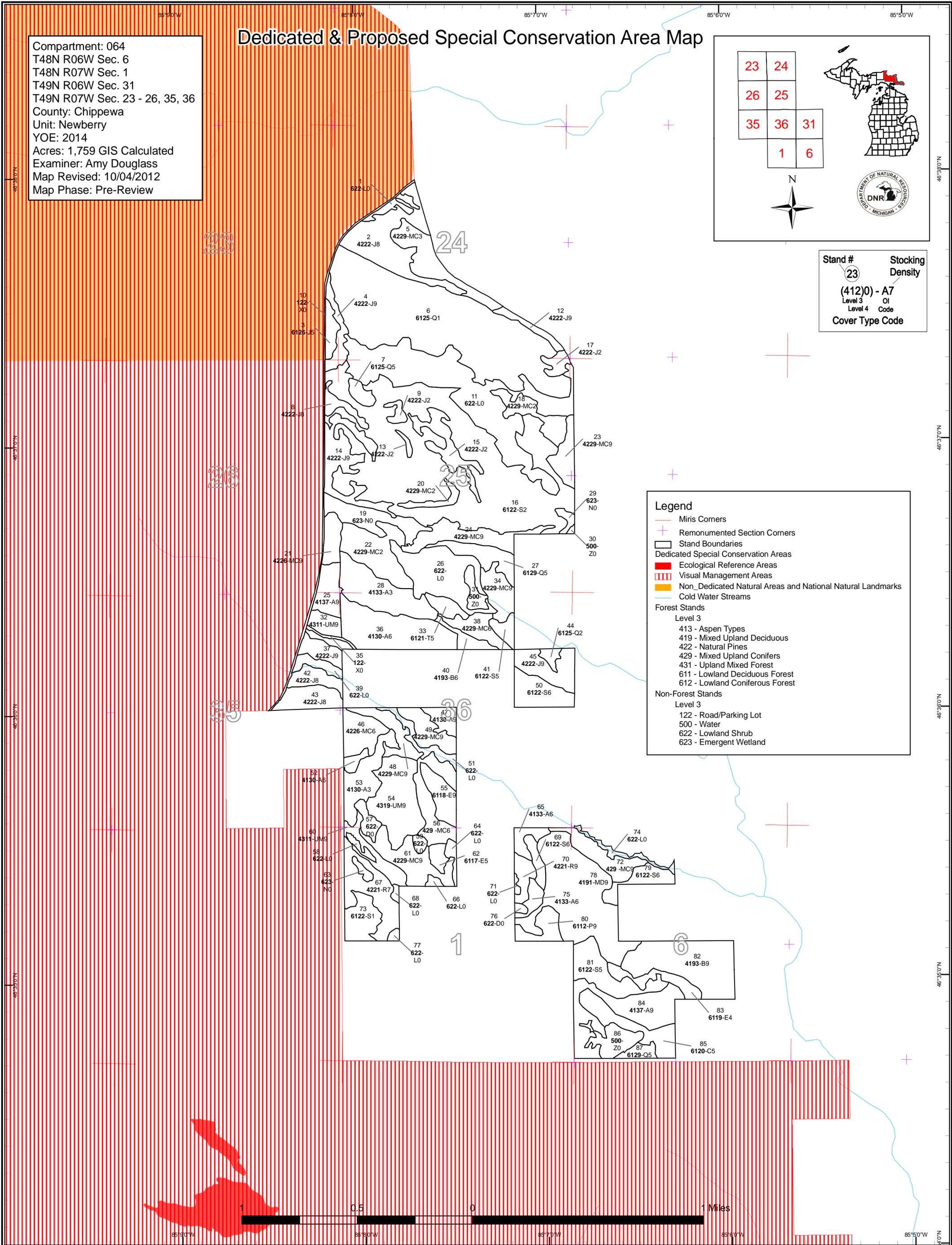


Table 1 – Total Acres by Cover Type and Age Class



	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	23	36	0	51	0	0	14	63	0	0	0	0	0	0	187
Cedar	0	0	0	0	0	0	0	0	22	0	0	0	0	0	22
Jack Pine	0	29	0	0	0	0	7	39	81	32	0	0	0	0	188
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	0	0	11	0	0	0	0	0	11
Lowland Conifers	0	0	0	0	0	0	184	16	11	3	0	0	0	0	213
Lowland Deciduous	0	0	0	0	0	0	19	12	0	0	0	0	0	0	31
Lowland Shrub	190	0	0	0	0	0	0	0	0	0	0	0	0	0	190
Lowland Spruce/Fir	0	0	0	0	250	0	16	0	45	18	6	0	0	0	335
Marsh	27	0	0	0	0	0	0	0	0	0	0	0	0	0	27
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	83	0	0	0	0	0	83
Natural Mixed Pines	0	53	26	17	0	0	26	15	59	0	0	0	27	0	224
Paper Birch	0	0	0	0	0	0	0	0	60	0	0	0	0	0	60
Red Pine	0	0	0	0	0	0	0	8	29	0	0	0	0	0	37
Tamarack	0	0	0	0	0	0	0	7	0	0	0	0	0	0	7
Treed Bog	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Upland Conifers	0	0	0	0	0	0	0	18	23	0	0	0	0	0	41
Upland Mixed Forest	0	0	0	0	0	12	0	11	41	0	0	0	0	0	64
Urban	12	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Water	21	0	0	0	0	0	0	0	0	0	0	0	0	0	21
Total	280	118	26	68	250	12	266	189	463	54	6	0	27	0	1759



Table 2 – Proposed Treatment Summaries

Newberry Mgt. Unit
Year of Entry 2014

Compartment 064
Total Compartment Acres: 1759

Acres by Treatment Type

Commercial Harvest - 596	Site Prep - 0	Tree Planting - 0	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
Aspen	77	0	0	0	0	0	77
Jack Pine	150	0	0	0	0	0	150
Lowland Aspen/Balsam Poplar	11	0	0	0	0	0	11
Lowland Spruce/Fir	43	0	0	0	0	0	43
Mixed Upland Deciduous	83	0	0	0	0	0	83
Natural Mixed Pines	81	0	0	0	0	0	81
Paper Birch	54	0	0	0	0	0	54
Red Pine	0	0	0	0	8	0	8
Upland Conifers	37	0	0	0	0	0	37
Upland Mixed Forest	52	0	0	0	0	0	52
Total	588	0	0	0	8	0	596



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
2	42064002-Cut	44.8	42220 - Natural Jack Pine	Medium Density Log	86		Harvest	Clearcut with Reserves	42220 - Natural Jack Pine	Cmpt. Review Proposal
<u>Prescription</u> Cut all trees except red and white pine. Leave oak if found. Red and white pine may need to be marked in places for maneuverability. Patch retention to be used and may be located around wetter and/or steep areas. Leave some scattered aspen/birch and spruce. Leave retention with maximum diversity along M-123 corridor (Scenic Heritage Route).										
<u>Specs:</u>										
<u>Other</u> If possible, this stand should be cut with sale in adjacent compartment 65 (2012 YOE). Snowmobile trail cuts through stand.										
<u>Comments:</u>										
<u>Next</u> Scarify after harvest to encourage natural regeneration. Regeneration survey per Work Instructions. Acceptable regeneration includes jack pine, red pine, white pine, spruce, aspen and birch.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 12/05/2012										
4	42064004-Cut	10.0	42220 - Natural Jack Pine	High Density Log	90		Harvest	Clearcut with Reserves	42220 - Natural Jack Pine	Cmpt. Review Proposal
<u>Prescription</u> Cut all trees except red and white pine. Leave oak if found. Patch retention to be used and may be located around wetter and/or steep areas.										
<u>Specs:</u> Leave retention with maximum diversity along M-123 corridor (Scenic Heritage Route).										
<u>Other</u> Some areas may be too steep to access all the timber. Snowmobile trail cuts through southern end of stand.										
<u>Comments:</u>										
<u>Next</u> Scarify after harvest to encourage natural regeneration. Regeneration survey per Work Instructions. Acceptable regeneration includes jack pine, red pine, white pine, spruce, aspen and birch.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
8	42064008-Cut	6.5	42220 - Natural Jack Pine	Medium Density Log	81		Harvest	Clearcut with Reserves	42220 - Natural Jack Pine	Cmpt. Review Proposal
<u>Prescription</u> Cut all trees except red and white pine. Retention will be pockets of inaccessible timber. Leave retention with maximum diversity along M-123 corridor (Scenic Heritage Route).										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Scarify after harvest to encourage natural regeneration. Regeneration survey per Work Instructions. Acceptable regeneration includes jack pine, red pine, white pine, spruce, aspen and birch.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
12	42064012-Cut	6.0	42220 - Natural Jack Pine	High Density Log	91		Harvest	Clearcut with Reserves	42220 - Natural Jack Pine	Cmpt. Review Proposal
<u>Prescription</u> Cut all trees except red and white pine. Leave oak if found. Red and white pine may need to be marked in places for maneuverability. Patch retention to be used and may be located around wetter and/or steep areas. Leave a component of white birch.										
<u>Specs:</u>										
<u>Other</u> If possible, this stand should be cut with sale in adjacent compartment 65 (2012 YOE). Snowmobile trail cuts through southern portion of trail.										
<u>Comments:</u> This may be the best road access.										
<u>Next</u> Scarify after harvest to encourage natural regeneration. Regeneration survey per Work Instructions. Acceptable regeneration includes jack pine, red pine, white pine, spruce, aspen and birch.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 12/05/2012										
14	42064014-Cut	29.5	42220 - Natural Jack Pine	High Density Log	86		Harvest	Clearcut with Reserves	42220 - Natural Jack Pine	Cmpt. Review Proposal
<u>Prescription</u> Cut all trees except red and white pine. Leave oak if found. Red and white pine may need to be marked in places for maneuverability. Patch retention to be used and may be located around wetter and/or steep areas. Also, leave some scattered trees, especially on the fingers, to facilitate wildlife travel corridors. Leave retention with maximum diversity along M-123 corridor (Scenic Heritage Route).										
<u>Specs:</u>										
<u>Other</u> Road along southern ridge.										
<u>Comments:</u>										
<u>Next</u> Scarify after harvest to encourage natural regeneration. Regeneration survey per Work Instructions. Acceptable regeneration includes jack pine, red pine, white pine, spruce, aspen and birch.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										



Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
21	42064021-Cut	10.1	42260 - Natural Pine, Mixed Deciduous	High Density Log	86		Harvest	Clearcut with Reserves	42260 - Natural Pine, Mixed Deciduous	Cmpt. Review Proposal
<p><u>Prescription:</u> Cut all trees except red and white pine. Leave oak if found. Patch retention to be used and may be located around wetter and/or steep areas.</p> <p><u>Specs:</u> Leave a few spruce and aspen/birch in the red line. Leave retention with maximum diversity along M-123 corridor (Scenic Heritage Route).</p> <p><u>Other Comments:</u> Along M-123. Former State Park land.</p> <p><u>Next Steps:</u> Scarify after harvest to encourage natural regeneration. Regeneration survey per Work Instructions. Acceptable regeneration includes jack pine, red pine, white pine, spruce, aspen and birch.</p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
24	42064024-Cut	21.8	42290 - Natural Mixed Pine	High Density Log	86		Harvest	Clearcut with Reserves	42290 - Natural Mixed Pine	Cmpt. Review Proposal
<p><u>Prescription:</u> Cut all trees except red and white pine, and oak. Red and white pine may need to be marked in places for maneuverability. Patch retention to be used and may be located around wetter and/or steep areas. Leave a few scattered mature birch/aspen and spruce in the red line.</p> <p><u>Other Comments:</u> Road runs through stand to private land. Some areas may be too steep for harvest.</p> <p><u>Next Steps:</u> Scarify after harvest to encourage natural regeneration. Regeneration survey per Work Instructions. Acceptable regeneration includes jack pine, red pine, white pine, spruce, aspen, red oak and birch.</p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
25	42064025-Cut	14.0	4137 - Aspen, Birch	High Density Log	64		Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<p><u>Prescription:</u> Cut all trees except red and white pine. Leave oak if present. Patch retention to be used and may be located around wetter areas. Leave an aspen/birch component in the red line, and leave a spruce component. Leave retention with maximum diversity along M-123 corridor (Scenic Heritage Route).</p> <p><u>Other Comments:</u> Along M-123. Former State Park land.</p> <p><u>Next Steps:</u> Regeneration survey per Work Instructions. Acceptable regeneration includes aspen, birch, jack pine, red pine, white pine, and spruce.</p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
32	42064032-Cut	11.2	4311 - Pine, Aspen Mix	High Density Log	73		Harvest	Clearcut with Reserves	4311 - Pine, Aspen Mix	Cmpt. Review Proposal
<p><u>Prescription:</u> Cut all trees except red and white pine. Leave oak if found. Patch retention to be used and may be located around wetter and/or steep areas.</p> <p><u>Specs:</u> Leave retention with maximum diversity along M-123 corridor (Scenic Heritage Route).</p> <p><u>Other Comments:</u> Along M-123 and Cheney Creek Road. Former State Park land. Harvest and retention will benefit wildlife species.</p> <p><u>Next Steps:</u> Regeneration survey per Work Instructions. Acceptable regeneration includes aspen, jack pine, red pine, white pine, spruce and birch.</p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
37	42064037-Cut	9.5	42220 - Natural Jack Pine	High Density Log	70		Harvest	Clearcut with Reserves	42220 - Natural Jack Pine	Cmpt. Review Proposal
<p><u>Prescription:</u> Cut all trees except red and white pine. Leave oak if found. Patch retention to be used and may be located around wetter and/or steep areas.</p> <p><u>Specs:</u> Leave 100' buffer along Cheney Creek. Leave retention with maximum diversity along M-123 corridor (Scenic Heritage Route).</p> <p><u>Other Comments:</u> Along M-123. Former State Park land.</p> <p><u>Next Steps:</u> Scarify after harvest to encourage natural regeneration. Regeneration survey per Work Instructions. Acceptable regeneration includes jack pine, red pine, white pine, spruce, aspen and birch.</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
42	42064042-Cut	7.9	42220 - Natural Jack Pine	Medium Density Log	70		Harvest	Clearcut with Reserves	42220 - Natural Jack Pine	Cmpt. Review Proposal
<u>Prescription</u> Cut all trees except red and white pine. Leave oak if found. Patch retention to be used and may be located around wetter and/or steep areas.										
<u>Specs:</u> Leave 100' buffer along Cheney Creek. Leave retention with maximum diversity along M-123 corridor (Scenic Heritage Route).										
<u>Other</u> Along M-123. Former State Park land.										
<u>Comments:</u>										
<u>Next</u> Scarify after harvest to encourage natural regeneration. Regeneration survey per Work Instructions. Acceptable regeneration includes jack pine,										
<u>Steps:</u> red pine, white pine, spruce, aspen and birch.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
43	42064043-Cut	16.1	42220 - Natural Jack Pine	Medium Density Log	91		Harvest	Clearcut with Reserves	42220 - Natural Jack Pine	Cmpt. Review Proposal
<u>Prescription</u> Cut all trees except red and white pine. Leave oak if found. Patch retention to be used and may be located around wetter and/or steep areas.										
<u>Specs:</u> Leave a scattered white birch component if available. Leave retention with maximum diversity along M-123 corridor (Scenic Heritage Route).										
<u>Other</u> Along M-123 and start of Timberlost Road. Former State Park land. Private garage and house near property line.										
<u>Comments:</u>										
<u>Next</u> Scarify after harvest to encourage natural regeneration. Regeneration survey per Work Instructions. Acceptable regeneration includes jack pine,										
<u>Steps:</u> red pine, white pine, spruce, aspen and birch.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
48	42064048-Cut	10.6	42290 - Natural Mixed Pine	High Density Log	66		Harvest	Clearcut with Reserves	42290 - Natural Mixed Pine	Cmpt. Review Proposal
<u>Prescription</u> Cut all trees except red and white pine. Leave oak and hemlock if found. Patch retention to be used and may be located around wetter and/or steep areas. Red and white pine may need to be marked in places for maneuverability. Leave 100' buffer along Cheney Creek.										
<u>Specs:</u>										
<u>Other</u> Access may be difficult. Either cutting corner of private to the north, or access through adjacent stands being cut. Harvest and retention will benefit wildlife species.										
<u>Comments:</u>										
<u>Next</u> Scarify after harvest to encourage natural regeneration. Regeneration survey per Work Instructions. Acceptable regeneration includes jack pine,										
<u>Steps:</u> red pine, white pine, spruce, aspen and birch.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
54	42064054-Cut	40.7	4319 - Mixed Upland Forest	High Density Log	85		Harvest	Clearcut with Reserves	4319 - Mixed Upland Forest	Cmpt. Review Proposal
<u>Prescription</u> Cut all trees except red and white pine and hemlock. Leave oak if found. Patch retention to be used and may be located around wetter and/or steep areas. Leave some scattered aspen/birch and spruce.										
<u>Specs:</u>										
<u>Other</u> Access through old Timberlost sale? Harvest and retention will benefit wildlife species.										
<u>Comments:</u>										
<u>Next</u> Regeneration survey per Work Instructions. Acceptable regeneration includes aspen, birch, red maple, spruce, balsam fir, white pine, red pine,										
<u>Steps:</u> hemlock and cedar.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
56	42064056-Cut	21.5	429 - Mixed Upland Conifers	High Density Pole	86		Harvest	Clearcut with Reserves	429 - Mixed Upland Conifers	Cmpt. Review Proposal
<u>Prescription</u> Cut all trees except red and white pine. Leave oak if found. Patch retention to be used and may be located around wetter and/or steep areas.										
<u>Specs:</u> Leave some scattered non-pine species. Leave 100' buffer along Cheney Creek.										
<u>Other</u> Access through old Timberlost sale? Harvest and retention will benefit wildlife species.										
<u>Comments:</u>										
<u>Next</u> Scarify, if needed, after harvest to encourage natural regeneration. Regeneration survey per Work Instructions. Acceptable regeneration includes										
<u>Steps:</u> jack pine, spruce, red pine, white pine, aspen and birch.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										

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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
61 42064061-Cut	25.3	42290 - Natural Mixed Pine	High Density Log	83		Harvest	Clearcut with Reserves	42290 - Natural Mixed Pine	Cmpt. Review Proposal

Prescription Cut all trees except red and white pine. Leave oak if found. Patch retention to be used and may be located around wetter and/or steep areas.

Specs: Leave some scattered spruce.

Other Access through old Timberlost sale?

Comments:

Next Steps: Scarify, if needed, after harvest to encourage natural regeneration. Regeneration survey per Work Instructions. Acceptable regeneration includes jack pine, red pine, white pine, spruce, aspen and birch.

Proposed Start Date: 10/01/2013

**Total Treatment
Acreage Proposed: 285.6**



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
45	42064045-Cut	19.5	42220 - Natural Jack Pine	High Density Log	71		Harvest	Clearcut with Reserves	42220 - Natural Jack Pine	Cmpt. Review Proposal
<u>Prescription</u> Cut all trees except red and white pine. Leave oak if found. Patch retention to be used and may be located around wetter and/or steep areas.										
<u>Specs:</u> Leave a spruce component.										
<u>Other</u> Difficult access. If possible, this stand should be cut with sale in adjacent compartment 65 (2012 YOE). A portable bridge will be needed. Horse										
<u>Comment:</u> trail winds through stand.										
<u>Next</u> Scarify after harvest to encourage natural regeneration. Regeneration survey per Work Instructions. Acceptable regeneration includes jack pine,										
<u>Steps:</u> red pine, white pine, spruce, aspen and birch.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2017										
<u>Limiting Factor and No</u> 2D: Portable Bridge Needed (Dept.										
<u>Treatment Reason</u> bridge will be adequate)										
Most of stand could be harvested with adjacent compartment if a portable bridge is used. Survey may constrain portions if corners are not located.										
47	42064047-Cut	7.9	4130 - Aspen	High Density Log	73		Harvest	Clearcut	4130 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> Cut all trees except red and white pine if present. Leave oak if found. No retention due to small acreage.										
<u>Specs:</u>										
<u>Other</u> Access will have to be gained through private land(s). Harvest and retention will benefit wildlife species.										
<u>Comment:</u>										
<u>Next</u> Regeneration survey per Work Instructions. Acceptable regeneration includes aspen with red pine, white pine, spruce, and birch.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
<u>Limiting Factor and No</u> 2B: Unknown if access through										
<u>Treatment Reason</u> adjacent landowner(s) is possible										
49	42064049-Cut	12.8	42290 - Natural Mixed Pine	High Density Log	78		Harvest	Clearcut with Reserves	42290 - Natural Mixed Pine	Cmpt. Review Proposal
<u>Prescription</u> Cut all trees except red and white pine. Leave oak and hemlock if found. Patch retention to be used and may be located around wetter and/or										
<u>Specs:</u> steep areas. Leave 100' buffer along Cheney Creek.										
<u>Other</u> Access will need to be gained through private land(s). Harvest and retention will benefit wildlife species.										
<u>Comment:</u>										
<u>Next</u> Scarify after harvest to encourage natural regeneration. Regeneration survey per Work Instructions. Acceptable regeneration includes jack pine,										
<u>Steps:</u> red pine, white pine, spruce, aspen and birch.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
<u>Limiting Factor and No</u> 2B: Unknown if access through										
<u>Treatment Reason</u> adjacent landowner(s) is possible										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
65	42064065-Cut	7.0	4133 - Aspen, Mixed Pine	High Density Pole	72		Harvest	Clearcut with Reserves	4133 - Aspen, Mixed Pine	Cmpt. Review Proposal
<u>Prescription</u> Cut all trees except red and white pine. Leave oak if found. Patch retention to be used and may be located around wetter and/or steep areas.										
<u>Specs:</u>										
<u>Other</u> Steep ridges may preclude some harvest. Access uncertain through private land(s).										
<u>Comment:</u>										
<u>Next</u> Regeneration survey per Work Instructions. Acceptable regeneration includes aspen, red pine, white pine, jack pine, spruce and birch.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
<u>Limiting Factor and No</u> 2B: Unknown if access through										
<u>Treatment Reason</u> adjacent landowner(s) is possible										
Could access either from the southeast or from the west through private.										
69	42064069-Cut	6.1	6122 - Black Spruce	High Density Pole	100		Harvest	Clearcut with Reserves	6122 - Black Spruce	Cmpt. Review Proposal
<u>Prescription</u> Cut all trees except red and white pine. Patch retention to be used and may be located around wetter and/or steep areas. Leave some mature spruce along edge (red line).										
<u>Specs:</u>										
<u>Other</u> Access uncertain through private land(s).										
<u>Comment:</u>										
<u>Next</u> Regeneration survey per Work Instructions. Acceptable regeneration includes spruce, jack pine, red pine, white pine, spruce, aspen and birch.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
<u>Limiting Factor and No</u> 2B: Unknown if access through										
<u>Treatment Reason</u> adjacent landowner(s) is possible										
Could access either from the southeast or from the west through private.										
70	42064070-Cut	8.2	42210 - Natural Red Pine	High Density Log	76	141- 170	Harvest	Crown Thinning	42210 - Natural Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Cut all aspen and jack pine. Red pine may need to be marked in places to reach average BA of 120. Some areas will be lower BA.										
<u>Specs:</u>										
<u>Other</u> Access uncertain through private land(s). Harvest and retention will benefit wildlife species.										
<u>Comment:</u>										
<u>Next</u>										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
<u>Limiting Factor and No</u> 2B: Unknown if access through										
<u>Treatment Reason</u> adjacent landowner(s) is possible										
Could access either from the southeast or from the west through private.										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
72	42064072-Cut	15.7	429 - Mixed Upland Conifers	High Density Log	70		Harvest	Clearcut with Reserves	429 - Mixed Upland Conifers	Cmpt. Review Proposal
<u>Prescription</u> Cut all trees except red and white pine. Leave oak if found. Patch retention to be used and may be located around wetter and/or steep areas.										
<u>Specs:</u> Leave 100' buffer along Cheney Creek. Red and white pine may need to be marked in places for maneuverability.										
<u>Other Comment:</u> Access uncertain through private land(s).										
<u>Next Steps:</u> Regeneration survey per Work Instructions. Acceptable regeneration includes jack pine, red pine, white pine, spruce, aspen and birch.										
<u>Proposed Start Date:</u> 10/01/2013										
<u>Limiting Factor and No Treatment Reason</u> 2B: Unknown if access through adjacent landowner(s) is possible Could access either from the southeast or from the west through private.										
75	42064075-Cut	5.8	4133 - Aspen, Mixed Pine	High Density Pole	70		Harvest	Clearcut with Reserves	4133 - Aspen, Mixed Pine	Cmpt. Review Proposal
<u>Prescription</u> Cut all trees except red and white pine. Leave oak if found. Patch retention to be used and may be located around wetter and/or steep areas.										
<u>Specs:</u>										
<u>Other Comment:</u> Access uncertain through private land(s). Some areas may be too steep for harvest. Harvest and retention will benefit wildlife species.										
<u>Next Steps:</u> Regeneration survey per Work Instructions. Acceptable regeneration includes aspen, red pine, white pine, jack pine, spruce and birch.										
<u>Proposed Start Date:</u> 10/01/2013										
<u>Limiting Factor and No Treatment Reason</u> 2B: Unknown if access through adjacent landowner(s) is possible Could access either from the southeast or from the west through private.										
78	42064078-Cut	82.6	4191 - Mixed Upland Deciduous with Conifer	High Density Log	84		Harvest	Clearcut with Reserves	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
<u>Prescription</u> Cut all trees except red and white pine. Leave oak and hemlock if found. Patch retention (closer to 10%) to be used and may be located around wetter and/or steep areas, preferably in scattered 1 acre pockets.										
<u>Specs:</u>										
<u>Other Comment:</u> Access uncertain through private land(s). Harvest and retention will benefit wildlife species.										
<u>Next Steps:</u> Regeneration survey per Work Instructions. Acceptable regeneration includes aspen, birch, red maple, spruce, balsam fir, white pine, red pine, hemlock and cedar.										
<u>Proposed Start Date:</u> 10/01/2013										
<u>Limiting Factor and No Treatment Reason</u> 2B: Unknown if access through adjacent landowner(s) is possible Could access either from the southeast or from the west through private.										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
79	42064079-Cut	11.6	6122 - Black Spruce	High Density Pole	94		Harvest	Clearcut with Reserves	6122 - Black Spruce	Cmpt. Review Proposal
<p><u>Prescription</u> Cut all trees except red and white pine. Leave oak if found. Patch retention to be used and may be located around wetter and/or steep areas. <u>Specs:</u> Leave 100' buffer along Cheney Creek.</p> <p><u>Other</u> Access uncertain through private land(s). Harvest and retention will benefit wildlife species. <u>Comment:</u></p> <p><u>Next</u> Regeneration survey per Work Instructions. Acceptable regeneration includes spruce, jack pine, red pine, white pine, aspen and birch. <u>Steps:</u></p> <p><u>Proposed</u> <u>Start Date:</u> 10/01/2013</p> <p><u>Limiting Factor and No</u> 2B: Unknown if access through <u>Treatment Reason</u> adjacent landowner(s) is possible Could access either from the southeast or from the west through private.</p>										
80	42064080-Cut	11.2	6112 - Lowland Aspen	High Density Log	85		Harvest	Clearcut with Reserves	6112 - Lowland Aspen	Cmpt. Review Proposal
<p><u>Prescription</u> Cut all trees except red pine, white pine and oak if found. Patch retention to be used and may be located around wetter and/or steep areas. <u>Specs:</u> Leave some aspen/birch (red line or scattered).</p> <p><u>Other</u> Access uncertain through private land(s). Harvest and retention will benefit wildlife species. <u>Comment:</u></p> <p><u>Next</u> Regeneration survey per Work Instructions. Acceptable regeneration includes aspen, birch, red maple, spruce, balsam fir, white pine, red pine, <u>Steps:</u> hemlock and cedar.</p> <p><u>Proposed</u> <u>Start Date:</u> 10/01/2013</p> <p><u>Limiting Factor and No</u> 2B: Unknown if access through <u>Treatment Reason</u> adjacent landowner(s) is possible Could access either from the southeast or from the west through private.</p>										
81	42064081-Cut	25.7	6122 - Black Spruce	Medium Density Pole	83		Harvest	Clearcut with Reserves	6122 - Black Spruce	Cmpt. Review Proposal
<p><u>Prescription</u> Cut all trees except red and white pine. Leave oak if found. Patch retention to be used and may be located around wetter and/or steep areas. <u>Specs:</u> Leave some scattered spruce.</p> <p><u>Other</u> Access uncertain through private land(s). Harvest and retention will benefit wildlife species. <u>Comment:</u></p> <p><u>Next</u> Regeneration survey per Work Instructions. Acceptable regeneration includes spruce, jack pine, red pine, white pine, aspen and birch. <u>Steps:</u></p> <p><u>Proposed</u> <u>Start Date:</u> 10/01/2013</p> <p><u>Limiting Factor and No</u> 2B: Unknown if access through <u>Treatment Reason</u> adjacent landowner(s) is possible Could access either from the southeast or from the west through private.</p>										



Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
82	42064082-Cut	53.5	4193 - Birch, Aspen	High Density Log	80		Harvest	Clearcut with Reserves	4137 - Aspen, Birch	Cmpt. Review Proposal
<p><u>Prescription Specs:</u> Cut all trees except red and white pine. Leave oak and hemlock if found. Patch retention (closer to 10%) to be used and may be located around wetter and/or steep areas, preferably in scattered 1 acre pockets.</p> <p><u>Other Comment:</u> Access uncertain through private land(s). Harvest and retention will benefit wildlife species.</p> <p><u>Next Steps:</u> Regeneration survey per Work Instructions. Acceptable regeneration includes aspen, birch, red maple, spruce, balsam fir, white pine and red pine.</p> <p><u>Proposed Start Date:</u> 10/01/2013</p> <p><u>Limiting Factor and No Treatment Reason</u> 2B: Unknown if access through adjacent landowner(s) is possible Could access either from the southeast or from the west through private.</p>										
84	42064084-Cut	42.5	4137 - Aspen, Birch	High Density Log	74		Harvest	Clearcut with Reserves	4137 - Aspen, Birch	Cmpt. Review Proposal
<p><u>Prescription Specs:</u> Cut all trees except red and white pine. Leave oak if found. Patch retention to be used and may be located around wetter and/or steep areas. Leave some scattered spruce.</p> <p><u>Other Comment:</u> Access uncertain through private land(s). Harvest and retention will benefit wildlife species.</p> <p><u>Next Steps:</u> Regeneration survey per Work Instructions. Acceptable regeneration includes aspen, birch, red maple, spruce, balsam fir, white pine and red pine.</p> <p><u>Proposed Start Date:</u> 10/01/2013</p> <p><u>Limiting Factor and No Treatment Reason</u> 2B: Unknown if access through adjacent landowner(s) is possible Could access either from the southeast or from the west through private.</p>										
Total Treatment Acreage Proposed:		310.1								

Out of YOE -- Treatments
Prescribed with No Limiting Factor

Year of Entry: 2014



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

Other
Comments:

Next
Steps:

Proposed
Start Date: #Error

**Total Treatment
Acreage Proposed: 0**



Stand	Newberry Mgt. Unit			5 – Forested Stands		Compartment: 064 Year of Entry: 2014
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
2	42220 - Natural Jack Pine	Medium Density Log	44.8	86		Upland with low swales. Small corner of aspen/birch w/ tag alder at 123 & Preacher Lake Road.
3	6126 - Lowland Jack Pine	Medium Density Pole	6.7	68		Bog JP/S. Lots of JP standing snags.
4	42220 - Natural Jack Pine	High Density Log	10.0	90		High ridge with some low ground mixed in. Snowmobile trail cuts through south end.
5	42290 - Natural Mixed Pine	High Density Sapling	25.6	22		cut on sale #7-89; FTP #42-245. Variable aspen - mostly pockets, but some scattered. RP left. Pockets of low ground.
6	6125 - Lowland Black Spruce, Jack Pine	Low Density Sapling	183.7	67		Sapling/pole boggy stand. Dead JP and S standing snags. Subtle islands of spruce/JP scattered throughout stand. Snowmobile trail cuts through stand.
7	6125 - Lowland Black Spruce, Jack Pine	Medium Density Pole	5.3	81		JP/S mix. Island in middle of bog area. Upland/lowland. Was put up for sale once before with other 'islands'. Did not cut this one. Difficult access.
8	42220 - Natural Jack Pine	Medium Density Log	6.5	81		Upland/lowland mix (half and half). JP dying.
9	42220 - Natural Jack Pine	Medium Density	3.4	11		Sale #3-95. Adequate regen (756 t/ac) on 5/06. Ridges with scattered low pockets in middle of treed bog. Regen thickest along skid trails. 5' - 15' tall. Scattered large RP and legacy trees left.
12	42220 - Natural Jack Pine	High Density Log	6.0	91		Some low ground mixed in. Narrow strip between bog and road.
13	42220 - Natural Jack Pine	Medium Density	1.6	11		Sale #3-95. Adequate regen (756 t/ac) on 5/06. Ridges with scattered low pockets in middle of treed bog. Regen thickest along skid trails. 5' - 15' tall. Scattered large RP and legacy trees left.
14	42220 - Natural Jack Pine	High Density Log	29.5	86		JP dying out. Looks surprisingly good for its' age. Some low ground mixed in. Steeper E-W ridge on south end with two track running through. Upland/lowland mix along M-123.
15	42220 - Natural Jack Pine	Medium Density	18.0	11		Sale #3-95. Adequate regen (756 t/ac) on 5/06. Ridges with scattered low pockets in middle of treed bog. Regen thickest along skid trails. 5' - 15' tall. Scattered large RP and legacy trees left.
16	6122 - Black Spruce	Medium Density	249.6	49		Mostly a treed bog. Some merchantable timber scattered throughout on included upland narrow ridges. WP and RP scattered on ridges too. Scattered standing snags.
17	42220 - Natural Jack Pine	Medium Density	5.5	11		Sale #3-95. 8'-15' tall regen. Lower ground mixed in.

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Newberry Mgt. Unit

5 – Forested Stands

Compartment: 064
Year of Entry: 2014

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
18	42290 - Natural Mixed Pine	Medium Density	16.1	12		Cut in 1998 on sale #3-95. Adequate regen (756 t/ac) on 5/06. WP & RP legacy trees scattered; slightly more left in east knob than west knob. Regen 8'-16' tall.
20	42290 - Natural Mixed Pine	Medium Density	5.4	11		Sale #3-95. Adequate regen (756 t/ac) on 5/06. Regen thickest along skid trails. Narrow ridge in middle of bog with scattered low pockets. 4' - 15' tall.
21	42260 - Natural Pine, Mixed Deciduous	High Density Log	10.1	86		Some low pockets.
22	42290 - Natural Mixed Pine	Medium Density	31.8	12		Mix of high and low ground. Variable regen, but good overall. sale #3-95; scarified 6/99 under FTP# 42-450. Adequate stocking on 5/3/2003 of 661 t/ac. Northern little bulb was planted in 2000.
23	42290 - Natural Mixed Pine	High Density Log	12.3	130	81-110	Some lower ground mixed in. 24" RP & WP legacy trees.
24	42290 - Natural Mixed Pine	High Density Log	23.7	86		High ridge(s). RP and WP legacy trees.
25	4137 - Aspen, Birch	High Density Log	14.0	64		A lot of aspen has already died out. WB dying too. Some beech understory. Some low pockets.
27	6129 - Mixed Coniferous Lowland Forest	Medium Density Pole	15.6	75		Wet! Cinnamon fern 5' tall.
28	4133 - Aspen, Mixed Pine	High Density Sapling	36.1	12		RP & WP residual. RP regen (5' tall) very thick in old roads. Nice regen. Some low swales in between ridges. Some larger aspen left atop steep ridge on far east end. sale #3-95.
32	4311 - Pine, Aspen Mix	High Density Log	11.2	73		South of road is ridge of aspen. North of road is A/JP mix. A and JP dying.
33	6121 - Tamarack	Medium Density Pole	6.9	70		Treed bog.
34	42290 - Natural Mixed Pine	High Density Log	15.0	130	111-140	Knob surrounded by low ground. Stream flowing from Z type to the east. Most deciduous has died out. WB standing snags.
36	4130 - Aspen	High Density Pole	47.0	37		
37	42220 - Natural Jack Pine	High Density Log	9.6	70		JP dying out. Scattered cedar closer to creek.
38	42290 - Natural Mixed Pine	High Density Pole	12.8	64	81-110	Mixture of upland & lowland. Areas of pine gradiates to areas of spruce and back. Very steep razor back ridge on south line of stand.

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Newberry Mgt. Unit

5 – Forested Stands

Compartment: 064

Year of Entry: 2014



Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4193 - Birch, Aspen	High Density Pole	6.6	87		North edge is high narrow ridge. Below ridge is more of a mix of WB, RM, S w/ A. Includes some wet swales. Aspen dying.
6122 - Black Spruce	Medium Density Pole	5.9	90		Treed bog.
42220 - Natural Jack Pine	Medium Density Log	10.3	70		JP dead and dying.
42220 - Natural Jack Pine	Medium Density Log	16.1	91		Sparse JP dying out. Plenty of standing JP snags and CWD. Trace WB.
6125 - Lowland Black Spruce, Jack Pine	Medium Density	3.4	90		Treed bog.
42220 - Natural Jack Pine	High Density Log	19.5	71		Very similar to pre-inv std 35 - continuation of same terrain. Areas of lowland. Steep ridges, but could operate on and around if have access.
42260 - Natural Pine, Mixed Deciduous	High Density Pole	17.4	32		sale #16-70A. Nice mix of JP and aspen.
4130 - Aspen	High Density Log	7.9	73		Nice aspen stand. Open with scattered conifer in understory, as well as scattered beech in understory.
42290 - Natural Mixed Pine	High Density Log	13.7	66		Some large RP along south edge/younger JP border. Steep ridge along pre-inv std 43. Multiple ridges. Steep ridge up to top of creek bank. Variable stand: open JP to Fs/RP/JP w/thick Fs/Fb understory. May be difficult to access.
42290 - Natural Mixed Pine	High Density Log	14.9	78		JP and S dying.
6122 - Black Spruce	High Density Pole	19.0	85		More productive ground than a treed bog. Some low pine ridges. Very steep ridge on north edge. This stand is located below the ridge. Includes some sub-merchantable areas.
4130 - Aspen	High Density Pole	3.6	32		On edge between pole and sapling. sale #16-70A
4130 - Aspen	High Density Sapling	22.8	7		Sale #017-04-01 (Timberlost Timber)
4319 - Mixed Upland Forest	High Density Log	40.7	85		upland/lowland
6118 - Lowland Deciduous with Cedar	High Density Log	13.9	64		lowland/upland
429 - Mixed Upland Conifers	High Density Pole	22.9	86		More S than JP. Upland ridge(s) mostly.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
60	4311 - Pine, Aspen Mix	High Density Log	12.2	55		
61	42290 - Natural Mixed Pine	High Density Log	25.3	83		Pockets of JP/RP to pockets of S/RP. Scattered oak in west arm. Rolling ridges with lowland spruce pockets.
62	6117 - Lowland Deciduous, Mixed Coniferous	Medium Density Pole	4.8	64		lowland/upland. Aspen and birch dead and dying.
65	4133 - Aspen, Mixed Pine	High Density Pole	7.0	72		High, steep, narrow ridge. Pockets of thicker RP, as well as scattered RP.
67	42210 - Natural Red Pine	Low Density Log	28.7	85	1-50	Two-aged stand. RP, Oak and WP residual over aspen, JP, RP regen. Rolling ridges. Sale #017-04-01 (Timberlost Timber). Stand not scarified.
69	6122 - Black Spruce	High Density Pole	6.1	100		Nice cedar regen. Nice stand - not too thick.
70	42210 - Natural Red Pine	High Density Log	8.2	76	141-170	Occasional oak & white birch. Small pockets of JP. Semi-open areas. Rolling ridges, some steep.
72	429 - Mixed Upland Conifers	High Density Log	18.0	70		High ridges, low ridges and swales.
73	6122 - Black Spruce	Low Density Sapling	16.1	65		Treed bog.
75	4133 - Aspen, Mixed Pine	High Density Pole	5.8	70		Small opening inclusion in bowl. Rolling ridges, some steep. Occasional WB.
78	4191 - Mixed Upland Deciduous with Conifer	High Density Log	82.6	84		Some large RP scattered. Upland/transitional/low ridges/lowland swales. Variable stand. Aspen, birch and balsam dying. Occasional hemlock.
79	6122 - Black Spruce	High Density Pole	12.2	94		Some upland and transitional ground.
80	6112 - Lowland Aspen	High Density Log	11.2	85		Large super canopy aspen, many dead. Low and transitional ground. Pockets of tag alder.
81	6122 - Black Spruce	Medium Density Pole	25.7	83		Upland and lowland; ridges and bog
82	4193 - Birch, Aspen	High Density Log	53.5	80		
83	6119 - Mixed Lowland Deciduous Forest	Low Density Pole	12.1	70		
84	4137 - Aspen, Birch	High Density Log	42.5	74		ridge(s)

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Newberry Mgt. Unit

5 – Forested Stands

Compartment: 064
Year of Entry: 2014



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
85	6120 - Lowland Cedar	Medium Density Pole	21.8	88		Cedar sweep and lean. Messy looking stand. Good cedar regen though. Variable size cedar 3" - 14" dbh.
87	6129 - Mixed Coniferous Lowland Forest	Medium Density Pole	5.3	80		Downstream from a large beaver flooding.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
1	622 - Lowland Shrub	5.4	No	Unspecified	scattered trees (spruce/tamarack/JP); bog and tag alder swale
10	122 - Road/Parking Lot	10.3	N/A	Unspecified	M-123
11	622 - Lowland Shrub	110.0	No	Unspecified	bog with some scattered trees
19	6233 - Wet Meadow	21.9	No	Unspecified	Low, wet meadow. Tamarack along edges and some scattered too.
26	622 - Lowland Shrub	41.6	N/A	Unspecified	Few scattered spruce and tamarack. Mostly open.
29	623 - Emergent Wetland	2.8	N/A	Unspecified	
30	50 - Water	0.6	N/A	Unspecified	small bog lake
31	50 - Water	6.3	N/A	Unspecified	small bog lake
35	122 - Road/Parking Lot	1.6	N/A	Unspecified	Cheney Creek Road. County gravel road.
39	6220 - Alder/willow	6.3	No	Unspecified	Cheney Creek corridor.
51	6220 - Alder/willow	8.4	No	Unspecified	Cheney Creek corridor.
57	6224 - Treed Bog	6.0	No	Unspecified	
58	622 - Lowland Shrub	2.5	No	Unspecified	small suppressed spruce
59	622 - Lowland Shrub	2.4	No	Unspecified	
63	6233 - Wet Meadow	2.4	No	Unspecified	
64	622 - Lowland Shrub	3.4	No	Unspecified	tag alder, etc
66	622 - Lowland Shrub	1.6	No	Unspecified	
68	622 - Lowland Shrub	1.3	N/A	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
71	622 - Lowland Shrub	1.0	No	Unspecified	low shrubs and grass/sedge w/ black spruce saplings
74	6220 - Alder/willow	5.1	No	Unspecified	Cheney Creek corridor.
76	6224 - Treed Bog	1.3	No	Unspecified	
77	622 - Lowland Shrub	1.5	No	Unspecified	bog with some black spruce
86	50 - Water	13.8	N/A	Unspecified	Beaver flooding



7 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

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

Stand	SCA Type	SCA Name	Acres	Comments



8 – DEDICATED CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
SCA	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	Non-Dedicated Natural Areas and National Natural Landmarks	This category is comprised of those Natural, Wilderness and Wild Areas that have been nominated or proposed for legal dedication, but for which legal dedication by legislature has not occurred. The nomination process is defined by Part 351, Wilderness and Natural Areas, of the Natural Resources and Environmental Protection Act, 1994 PA 451. The program is administered by the DNR. Nominations require the submittal of a Natural Areas Nomination Packet to the DNR. This is an active program, with proposed sites in various stages of review. Final dedication of nominated Natural, Wilderness and Wild Areas is accomplished through legislative action.
SCA	Visual Management Area	An area of general social appreciation that is managed to recognize and preserve a particular visual value. Examples of these areas include scenic vistas, scenic or natural beauty roads, and lakeshore areas.