



Compartment Review Presentation

Newberry Forest Management Unit

Compartment 42025

Entry Year 2023

Acreage: 1,083

County Luce

Management Area: Deer Park

Revision Date: 2021-12-29

Stand Examiner: Amy Douglass

Legal Description:

T49N R10W Sections 9, 16 & 17

Identified Planning Goals:

To maintain and enhance forest health, diversity and productivity of the area through sustainable and proper forest treatments. Treatments prescribed will help renew and utilize the forest resource and continue to enhance the quality of wildlife habitat.

Soil and topography:

Rubicon sand dominates the compartment, with a small patch of Dawson, Greenwood, and Loxley soils around the small, low pothole. The bluff line along the northern edge of the compartment marks the line between Rubicon sand to the south and Deer Park sand to the north. There is rolling topography throughout the compartment with some steep slopes (15 to 35 percent) in the northern part of the compartment.

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

This compartment is almost entirely state-owned. There is a parcel of private land in the SWNW of Section 9. There are many opportunities for recreation, including, but not limited to, hunting, ATV use, snowmobiling, and berry-picking, within and surrounding the compartment. Much of the surrounding land is also state-owned.

Unique Natural Features:

None noted.

Archeological, Historical, and Cultural Features:

None noted.

Special Management Designations or Considerations:

None noted.

Watershed and Fisheries Considerations:

There is a small unnamed pond in the southeast portion of the compartment. A standard buffer of 100 ft plus 5 ft per 1% increase in slope is recommended for all treatments near surface water per the BMP guidelines.

Wildlife Habitat Considerations:

Compartment 25 is located in northern Luce county and is in the Grand Marais Sandy End Moraine and Outwash ecological sub-subsection and lies in the Deer Park Management Area with Kirtland's warbler, red crossbill and American marten as featured species. The compartment is heavily comprised of red pine and jack pine stands and a minimal amount of mixed conifer and aspen. Stands are generally low in species composition.

In a predominantly pine forested ecosystem, maintaining a variety of age and size classes and maintaining as much structural diversity as possible in managed stands will be important to achieving wildlife objectives. For example, retaining soft and hard mast producing species where they exist in harvested stands will help provide food sources, nest and den trees, and improve structural diversity of the stands. Scattered birch and white pine that are retained in red pine harvests will provide soft snags for primary (woodpeckers, flickers) and secondary cavity nesters (chickadees, flycatchers, red backed voles, saw-whet owls etc.) and coarse woody debris later for small mammals, fisher and marten (a featured species in this compartment) hunting locations. Red crossbills (a featured species in this compartment) will benefit from scattered red and white pine as well as retention patches that include pine.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production in this part of the state, and there is no known potential for metallic minerals in this area. The nearest active sand/gravel pit is just over one mile to the southwest. There may be some limited potential for sand & gravel (primarily sand) within the compartment on the uplands. No current mineral leasing activity exists in the area. The State does not own all mineral rights within the compartment. Because the mineral

estate is the dominant estate, reasonable access to the surface must be provided to private owners if they choose to explore or develop their mineral rights.

Vehicle Access:

County Road 410E borders the west and north sides of the compartment. Seven Mile Fire Lane runs east-west across the northern third of the compartment. Several other two-tracks access the interior of the compartment.

Survey Needs:

None needed.

Recreational Facilities and Opportunities:

Snowmobile Trail 8 and the Two Heart ATV Trail run through the compartment.

Fire Protection:

This compartment is within the Two Hearted Zone Dispatch Area. The area has a moderate potential for large fire growth because of the mixed pine types.

Additional Compartment Information:

The following reports from the Inventory are attached:

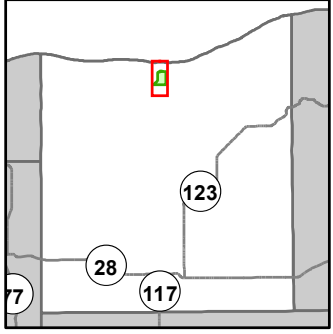
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

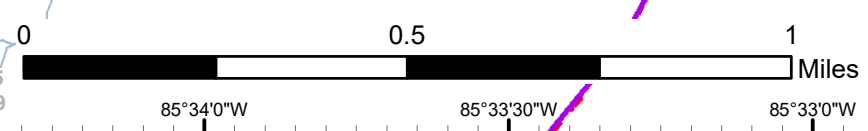
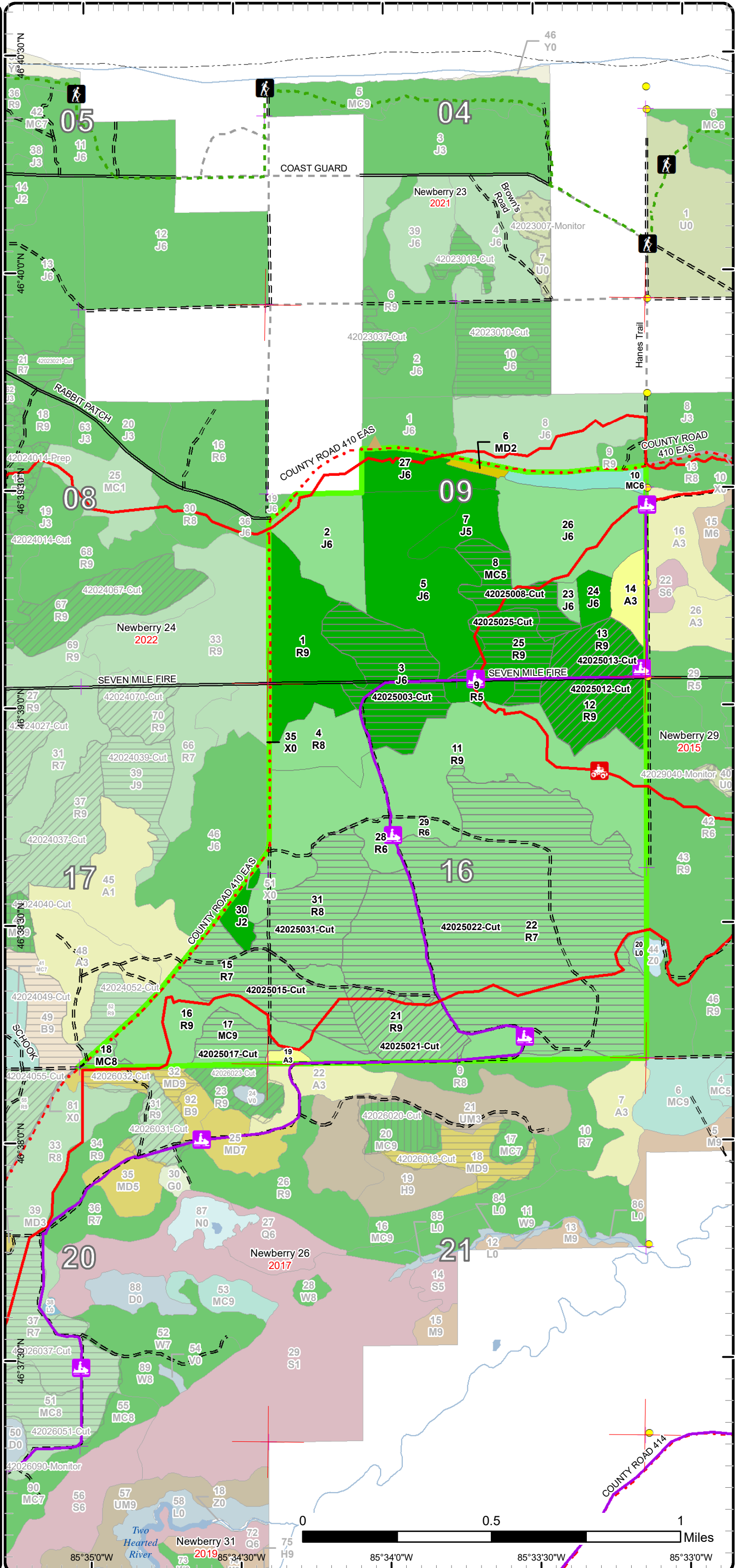
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 25
 T49N, R10W, Sec. 9, 16, 17
 County: Luce
 Unit: Newberry
 Mgmt Area: Deer Park
 YOE: 2023
 Acres: 1082.5 GIS Calculated
 Examiner: Amy Douglass
 Map Revised: 12/29/2021
 Map Phase: Post-Review

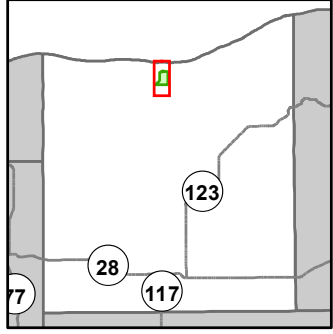


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- 🚶 Hiking Trails
- 🚙 ORV Trails
- 🚙 Snowmobile Trails
- Designated Hiking Trails
- Designated ATV
- Designated Snowmobile Trails
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- ▲ Berms
- Compartment Boundary
- Clearcut (w/Reserves)
- Thinning (Crown, Low, Systematic)
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 122 - Roads/Parking Lot
- 622 - Lowland Shrub

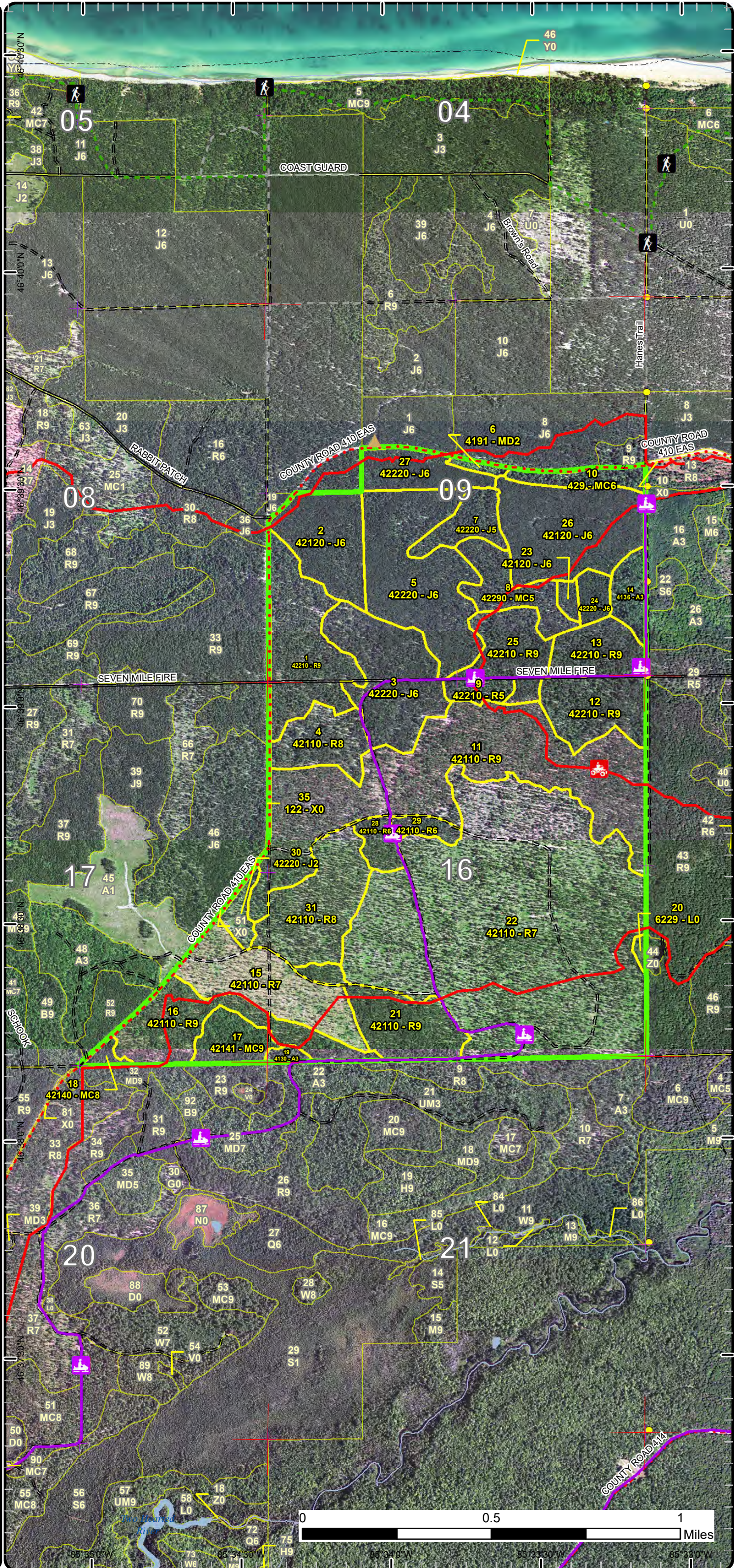


Stand Boundary Map

Compartment: 25
 T49N, R10W, Sec. 9, 16, 17
 County: Luce
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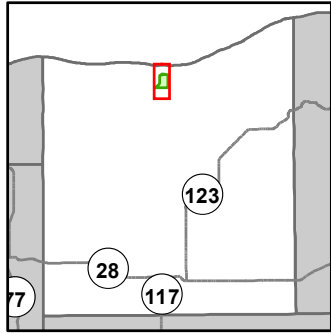


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- Counties
- DNR - Secondary Forest Road
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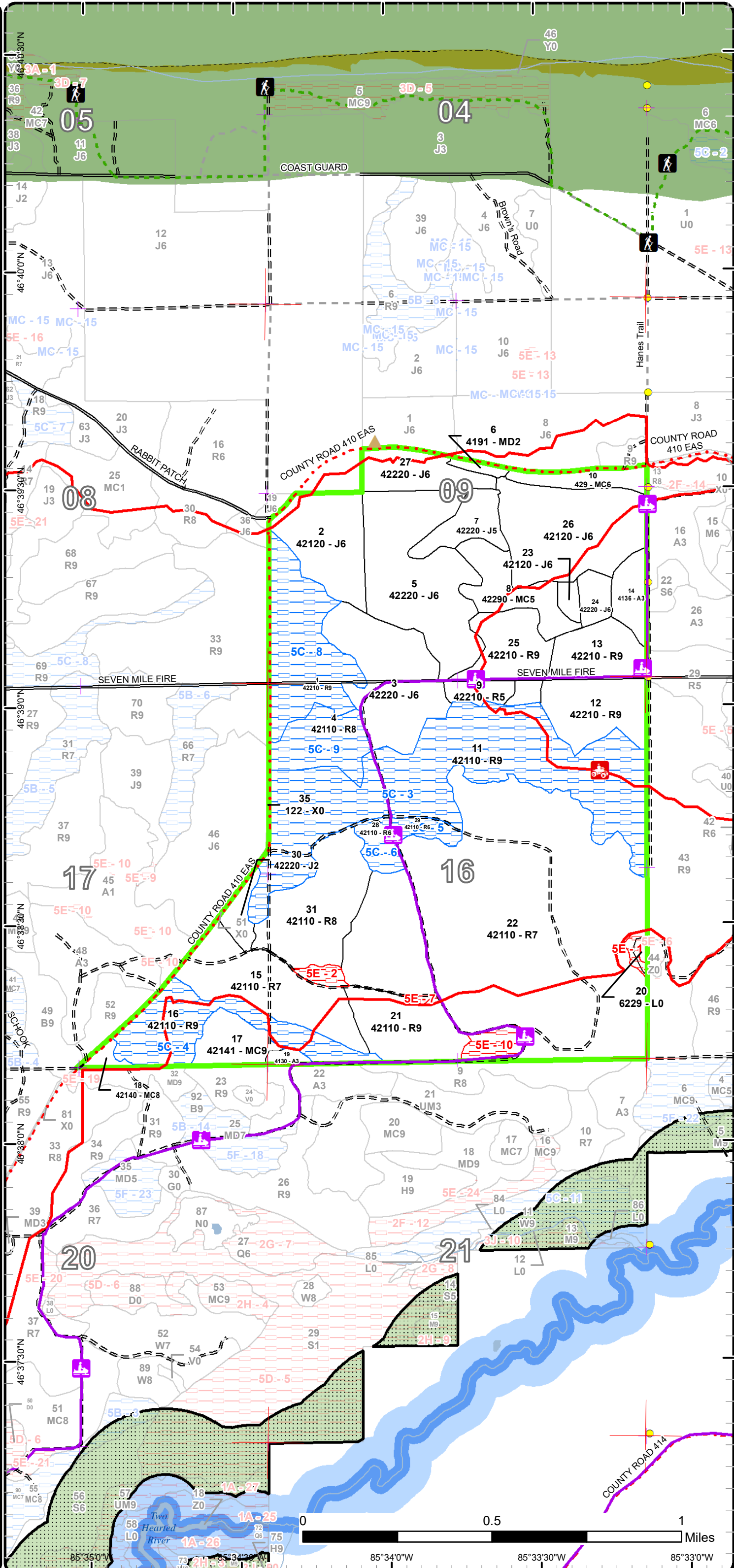


Special Conservation Areas

Compartment: 25
 T49N, R10W, Sec. 9, 16, 17
 County: Luce
 Unit: Newberry
 Mgmt Area: Deer Park
 YOE: 2023
 Acres: 1082.5 GIS Calculated
 Examiner: Amy Douglass
 Map Revised: 12/29/2021
 Map Phase: Post-Review



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- + Remonumented Section Corners
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- Counties
- DNR - Secondary Forest Road
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- Federal / State - Dirt / Gravel Road
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- 🚶 Hiking Trails
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- 🚙 Snowmobile Trails
- Designated Hiking Trails
- Designated ATV
- Designated Snowmobile Trails
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- ▲ Berms
- Compartment Boundary
- Available w/ Constraints
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 5E: Long-Term Retention
- Stand Boundaries
- SCA
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Critical Coastal Habitat (Piping Plover)
- Non-Dedicated Natural Areas and National Natural Landmarks
- Recreational/Scenic Value Area



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	0	0	3	12	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Jack Pine	0	0	0	7	34	159	7	49	0	0	0	0	0	0	0	0	0	0	255
Lowland Shrub	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Mixed Upland Deciduous	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Natural Mixed Pines	0	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0	0	22
Planted Mixed Pines	0	0	0	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	18
Red Pine	0	0	0	0	0	0	0	0	0	676	0	48	0	0	0	0	0	28	752
Upland Conifers	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	11
Urban	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Total	8	0	0	10	48	159	7	49	22	694	11	48	0	0	0	0	0	28	1083



Report 2 – Treatment Summary

Newberry Mgt. Unit

Year of Entry: 2023

Acres of Harvest

Compartment 25

Total Compartment Acres: 1,083

Commercial Harvest - 548
 Harvests with Site Condition - 0
 Next Step Harvest - 0
 Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Jack Pine	49	0	0	0	0	0	0	0	0	49
Natural Mixed Pines	22	0	0	0	0	0	0	0	0	22
Planted Mixed Pines	18	0	0	0	0	0	0	0	0	18
Red Pine	380	0	0	0	0	79	0	0	0	459
Total	469	0	0	0	0	79	0	0	0	548

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	548	0	0	0	0	0	0	0	0	548
Next Step	0	548	451	0	0	380	969	0	0	2348
Total	548	548	451	0	0	380	969	0	0	2896



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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Approved Treatments:

3	42025003-Cut	48.7	42220 - Natural Jack Pine	Poletimber Well	61	Unspec ified	Harvest	Clearcut with Retention	4222 - Natural Jack Pine	Even-Aged	No
<p><u>Prescription</u> Clear cut all species, leaving pocket retention. Try to incorporate diverse areas into the retention, especially of oak if present.</p> <p><u>Specs:</u> Red line should include species other than red or jack pine where possible to increase diversity.</p> <p><u>Next Step</u> SitePrep, Scarification; Monitoring, Natural Regen (Intermediate); SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial <u>Treatments:</u> Regen(1yr); Monitoring, Artificial Regen(3yr)</p> <p><u>Acceptable</u> Jack pine with associated species of red pine, white pine, oak. <u>Regen:</u></p> <p><u>Other</u> Try for natural jack pine regeneration via scarification. If scarification fails, trench and plant jack pine. <u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>											
8	42025008-Cut	22.1	42290 - Natural Mixed Pine	Poletimber Medium	71	81-110	Harvest	Clearcut with Retention	4212 - Planted Jack Pine	Even-Aged	No
<p><u>Prescription</u> Clear cut all species, except oak and maple (if present) where not an impediment to reforestation activities. Leave pocket retention. Try to <u>Specs:</u> incorporate diverse areas into the retention, especially of oak if present. Red line should include species other than red or jack pine where possible to increase diversity.</p> <p><u>Next Step</u> SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr); SitePrep, Roller Chopping <u>Treatments:</u></p> <p><u>Acceptable</u> Jack pine with associated species of red pine, white pine, oak. <u>Regen:</u></p> <p><u>Other</u> ORV trail runs through stand. <u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>											
12	42025012-Cut	28.6	42210 - Natural Red Pine	Sawtimber Well	81	111- 140	Harvest	Crown Thinning	42210 - Natural Red Pine	Even-Aged	No
<p><u>Prescription</u> Thin red pine/white pine to approx 100 BA. Remove jack pine. Focus thinning on pine growing out of product class. Leave non-pine species <u>Specs:</u> where possible. Red line should include species other than red or jack pine where possible to increase diversity.</p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> <u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>											



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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13	42025013-Cut	21.0	42210 - Natural Red Pine	Sawtimber Well	81	141-170	Harvest	Crown Thinning	42210 - Natural Red Pine	Uneven-Aged	No
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Prescription Remove all jack pine. Thin red pine/white pine where needed. Residual BA should be around 80-100 BA. Focus thinning of red pine/white pine on trees growing out of product class. Leave non-pine species where possible.
Specs: Red line should include species other than red or jack pine where possible to increase diversity.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2022

15	42025015-Cut	43.7	42110 - Planted Red Pine	Sawtimber Poor	81	1-50	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
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Prescription Clearcut remaining overstory. Consider stands 15, 22 and 31 as one stand for retention purposes. Retention to be considered on edges (some already noted on map), or in areas large enough that will not impede with aerial spraying. Three more patches, of roughly 7 acres each, will meet retention goals. Try to include younger red pine in retention pockets.
Specs: Red line should include species other than red or jack pine where possible to increase diversity.

Next Step SitePrep, Trenching; Pesticide, Aerial - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)
Treatments:

Acceptable Red pine
Regen:

Other ORV trail crosses stand.
Comment: Herbicide, trench, plant to red pine.

Site Condition

Proposed Start Date: 10/1 /2021

17	42025017-Cut	15.2	42141 - Planted Mixed Pine, Mixed Deciduous	Sawtimber Well	81	111-140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Clearcut, leaving retention pocket(s) in interior of stand. Leave occasional aspen in the red line as well as species other than red or jack pine.
Specs: Leave any oak or hemlock if they exist and leave a few scattered limby white pine.

Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:

Acceptable Aspen, jack pine, red pine, white pine, oak.
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2022

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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
18 42025018-Cut	3.0	42140 - Planted Mixed Pine	Sawtimber Medium	81	141-170	Harvest	Clearcut	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clearcut, leaving oak. No retention due to small acreage. Red line should include species other than red or jack pine where possible to increase diversity</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Aspen, jack pine, red pine, white pine, birch, oak.</p> <p><u>Regen:</u></p> <p><u>Other</u> Harvest with stands to the west in C-24. There may be an issue with green-up with stand to the south.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>										
21 42025021-Cut	29.1	42110 - Planted Red Pine	Sawtimber Well	81	141-170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Mark stand to approx. 100 BA.</p> <p><u>Specs:</u> Red line should include species other than red or jack pine where possible to increase diversity.</p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u> ORV trail runs through northern edge.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										
22 42025022-Cut	267.6	42110 - Planted Red Pine	Sawtimber Poor	81	1-50	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Clearcut remaining overstory. Consider stands 15, 22 and 31 as one stand for retention purposes. Retention to be considered on edges (some already noted) and in areas of diversity that will not impede with aerial spraying. Three more patches, of roughly 7 acres each, will meet retention goals. Try to include younger red pine in retention pockets. Red line should include species other than red or jack pine where possible to increase diversity.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Trenching; Pesticide, Aerial - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Red pine.</p> <p><u>Regen:</u></p> <p><u>Other</u> Originally part of Red Pine Project, round 2.</p> <p><u>Comment:</u> ORV trail crosses stand.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>										
25 42025025-Cut	25.7	42210 - Natural Red Pine	Sawtimber Well	81	111-140	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Clear cut all species, leaving pocket retention on edges, or areas where spraying will not be impacted.</p> <p><u>Specs:</u> Red line should include species other than red or jack pine where possible to increase diversity.</p> <p><u>Next Step</u> SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr); SitePrep, Roller</p> <p><u>Treatments:</u> Chopping; Pesticide, Aerial - Site Prep</p> <p><u>Acceptable</u> Red pine</p> <p><u>Regen:</u></p> <p><u>Other</u> ORV trail runs through the stand.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										



Stand

Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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31	42025031-Cut	43.3	42110 - Planted Red Pine	Sawtimber Medium	81	51-80	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
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Prescription Clearcut remaining overstory. Consider stands 15, 22 and 31 as one stand for retention purposes. Retention to be considered on edges (some already noted) and in areas of diversity that will not impede with aerial spraying. Three more patches, of roughly 7 acres each, will meet retention goals. Try to include younger red pine in retention pockets. Red line should include species other than red or jack pine where possible to increase diversity.

Next Step SitePrep, Trenching; Pesticide, Aerial - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)

Treatments:

Acceptable Regen: Red pine.

Other Comment: Originally part of the Red Pine Project round 2.

Site Condition

Proposed Start Date: 10/1 /2021

Total Treatment Acreage Proposed: 548

Report 4 – Site Conditions

Newberry Mgt. Unit
Amy Douglass : Examiner

Compartment: 25
Year of Entry: 2023

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	5C	5E
		With Condition	Not Available			
14	14	0	0	Aspen		
255	255	0	0	Jack Pine		
2	1	0	1	Lowland Shrub		1
2	2	0	0	Mixed Upland Deciduous		
22	22	0	0	Natural Mixed Pines		
18	18	0	0	Planted Mixed Pines		
752	469	269	14	Red Pine	269	14
11	11	0	0	Upland Conifers		
6	6	0	0	Urban		
1,083	799	269	15	Total Forested Acres	269	15
	74%	25%	1%	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	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Retention for stand 22.							
2	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Retention for stands 15, 31 & 22.							
3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	143	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit
Amy Douglass : Examiner

Compartment: 25
Year of Entry: 2023

4	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	40	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Retention for stand 22.							
8	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	48	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit
Amy Douglass : Examiner

Compartment: 25
Year of Entry: 2023

10	Unavailable	5E: Long-Term Retention	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Retention for stands 15, 22 & 31.							

Mgt. Unit

Compartment: #Type!

Year of Entry:



Report 5 – 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
Comments				



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

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

Conservation Area	Type	Description
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																											
1	42210 - Natural Red Pine	Sawtimber Well	47.8	106	81-110	N/A	Cut as 410 Red Pine (Sale # 008-03-01) complete in 8/1/2005.																																											
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2	42120 - Planted Jack Pine	Poletimber Well	33.9	38	Unspecified	N/A	This stand was part of sale #23-79, treated with FTP #42-138 and planted in 1983. The ORV trail runs through the north part of the stand. Red pine is mainly in the southern half of the stand.																																											
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3	42220 - Natural Jack Pine	Poletimber Well	48.7	61	Unspecified	N/A	This stand has a large range of sizes and densities. 2020: starting to see jack pine dieback.																																											
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4	42110 - Planted Red Pine	Sawtimber Medium	22.9	81	81-110	N/A	Old OI Stand 34 Cut as part of Sale #5-93. FTP 42-424; scarification completed 4/98. Stocking survey completed 5/21/2003 - 182 trees per acre. 11/2020: 120, 100, 80, 100. Can definitely see where scarification occurred. A few small areas where red pine seeded in. Scattered white pine and a few jack pine saplings.																																											
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5	42220 - Natural Jack Pine	Poletimber Well	66.2	45	Unspecified	N/A	This stand was was aerial seeded by helicopter in 1976. The ORV trail runs through the northern part of the stand. Occasional white pine and birch.																																											
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6	4191 - Mixed Upland Deciduous with Conifer	Sapling Medium	2.3	37	51-80	N/A	Cut in 1984 (#9-83). The stand is sparse but is starting to fill in.																																											
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7	42220 - Natural Jack Pine	Poletimber Medium	14.5	45	Unspecified	N/A	The stand was aerial seeded in 1976. More open grown and less dense than adjacent jack pine stands, with more red pine and white pine mixed in.																																																				
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8	42290 - Natural Mixed Pine	Poletimber Medium	22.1	71	81-110	N/A	ORV trail runs through the stand.																																																				
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10	429 - Mixed Upland Conifers	Poletimber Well	10.6	93	51-80	N/A	The jack pine in the stand was removed in 1984 as part of sale #009-83. This stand has large super-canopy red and white pine with a really thick understory. The stand is between CR 410 and a steep ridge running east-west. 2010: There is an RDR on the east side of the stand that has been signed and blocked to ward off any further damage to the ridge side.																																																				
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11	42110 - Planted Red Pine	Sawtimber Well	143.2	81	81-110	N/A	Stand treated via crown thinning as sale #42-014-14-01, East Perch Lake Pine. Completed 07/21/2016. Residual BA of 70-90. 10/2020: Some advanced red pine regen but lots more advanced white pine regen. ORV trail runs through the eastern half of the stand.																																																				
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12	42210 - Natural Red Pine	Sawtimber Well	28.6	81	111-140	N/A	This stand was part of sale#11-83. Not as diverse overstory as the north side of the road and not as many XL present. Some areas of lower BA from previous treatments.																																																				
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14	4136 - Aspen, Mixed Conifer	Sapling Well	11.6	32	Immature	N/A	Stand was cut over in 1963 and re-cut in 1989. Large super canopy red/white pine. Most of the red maple distribution is along the road edge.																																																						
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15	42110 - Planted Red Pine	Sawtimber Poor	43.7	81	1-50	N/A	Stand was treated via shelterwood as sale #42-014-14-01, East Perch Lake Pine. Completed 07/21/2016. Scarification completed 9/15/17. FTP 42-865. 10/2020: very little red pine regen from scarification. . ORV trail crosses eastern tip of stand.																																																						
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16	42110 - Planted Red Pine	Sawtimber Well	40.1	81	81-110	N/A	The west part of the stand was cut as part of sale#5-93 and scarified with FTP#42-424 in 1998. Stocking survey completed 5/21/2003 - 159 trees per acre. Stand was treated with a crown thinning as sale #42-014-14-01, East Perch Lake Pine. Completed 07/21/2016. Residual BA of 70-90. ORV trail runs through the stand. 10/2020: Did not cut marked aspen or birch.																																																						
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17	42141 - Planted Mixed Pine, Mixed Deciduous	Sawtimber Well	15.2	81	111-140	N/A	Mixed upland pine stand some aspen clones scattered through stand. Pine planted in 1940. 10/2020: Variable stand. Pockets of pine mixed with aspen.																																																						
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18	42140 - Planted Mixed Pine	Sawtimber Medium	3.0	81	141-170	N/A	Mixed stand - red pine, white pine, big tooth aspen, birch, with a couple hemlock and oak.																																														
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19	4130 - Aspen	Sapling Well	2.7	24	1-50	N/A	This stand was treated with C-26 as part of Sale #11-97.																																														
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20	6229 - Mixed lowland shrub	Nonstocked	1.7		Immature	No																																															
21	42110 - Planted Red Pine	Sawtimber Well	32.8	81	141-170	N/A	Planted in 1940. ORV trail crosses the northern portion of the stand.																																														
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22	42110 - Planted Red Pine	Sawtimber Poor	281.4	81	1-50	N/A	Originally final harvested in 2005 as Canoe Camp Pine Mix, #009-03 (everything east of snowmobile trail and stand 21). Shelterwood cut in 2011 as part of RPP Compartment 25. FTP 42-754 for scarification. Scarification complete in 2012. Regen 2016: 149 TPA of red pine, 172 TPA of white pine, 178 TPA of red maple. Scarification completed 9/15/17. 10/2020: Regen varies across the stand. Some regen is a result from scarification but much is advanced regen that was present prior to latest harvest (~10-20' tall). Not much in the way of red pine regeneration, as was what was desired from the red pine project. ORV trail crosses east-west through the stand. Snowmobile trail crosses north-south through the stand.																																														
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23	42120 - Planted Jack Pine	Poletimber Well	3.3	45	Unspecified	N/A																																															
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																				
24	42220 - Natural Jack Pine	Poletimber Well	7.2	53	Unspecified	N/A	Direct seeded in 1968.																																				
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25	42210 - Natural Red Pine	Sawtimber Well	25.7	81	111-140	N/A	As with many stands here, some red pine is growing out of product class.																																				
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26	42120 - Planted Jack Pine	Poletimber Well	55.7	45	Unspecified	N/A	Scarified in 1972. Planted in 1976.																																				
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Jack Pine	95	Pole	6	45																																							
27	42220 - Natural Jack Pine	Poletimber Well	19.2	43	Unspecified	N/A	Cut and scarified in 1977. Includes some large, scattered red pine.																																				
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28	42110 - Planted Red Pine	Poletimber Well	8.6	81	111-140	N/A																																					
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29	42110 - Planted Red Pine	Poletimber Well	6.1	81	81-110	N/A																																					
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30	42220 - Natural Jack Pine	Sapling Medium	6.6	22	Immature	N/A	Cut in 1997as part of 410 Jack Pine, sale #5-93. Scarified 4/1998.																																				
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																					
31	42110 - Planted Red Pine	Sawtimber Medium	43.3	81	51-80	N/A	Cut in 1997 (delayed removal) as part of 410 Jack Pine, sale #5-93. Scarified 4/1998. Cut again in 2011 as part of RPP Compartment 25, #036-09. Regen 2016: 149 TPA of red pine, 172 TPA of white pine, 178 TPA of red maple. Scarification completed 9/15/17. 10/2020: Regen varies across the stand. Very little, to no, red pine regeneration as was hoped for by the red pine project.																					
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35	122 - Road/Parking Lot	Nonstocked	6.0		Unspecified	No	County Road 410																					