



Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 29

Entry Year 2015

Acreage: 2,932

County Schoolcraft

Management Area: Seney Manistique Swamp

Revision Date: 05/20/2013

Stand Examiner: Adam Petrelius

Legal Description:

T44N R16W Sections 24-26, 35 and 36

Identified Planning Goals:

The main goal in this compartment is to conduct multiple resource management for current and future generations. It lies within the Seney Manistique Swamp Management Area. Vegetative management in the Seney Manistique Swamp Management Area will provide timber products, maintain or enhance wildlife habitat, protect areas of unique character, and provide for forest based recreational uses.

Soil and topography:

The topography in this compartment is mainly flat which includes upland ridges within marsh types. The marsh soils are Markey which are poorly drained and the ridges are either well drained Kalkaska or Rubicon sandy soils. Due to the terrain in this area, massive amounts of water in the form of sheet-flow move through this area during spring run-off.

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

The compartment is a solid block of state ownership with zero private land within its boundaries. There is some private ownership along the boundary and the southwestern edge borders industry land which is currently for sale. An 80 acre private parcel was recently acquired by the state that lies within the compartment.

Unique Natural Features:

An MNFI designated natural community exists within the compartment, a dry northern forest.

Archeological, Historical, and Cultural Features:

None known.

Special Management Designations or Considerations:

Portions of the compartment were previously designated as potential old growth. These designations are being removed since those areas do not meet the definition of old growth forest.

Watershed and Fisheries Considerations:

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine (lake) sand and gravel and minor peat and muck. There is insufficient data to determine the glacial drift thickness. The Ordovician Stonington Formation and Utica Shale subcrop below the glacial drift. They have no current economic use. The nearest gravel pit is located four miles to the south and potential appears to be limited. A clay pit is located 2 miles to the south. There is no commercial oil and gas production in the UP.

Vehicle Access:

Vehicular access to the majority of the compartment is non-existent with the exception of the southwest quarter of Section 35. Here is where the North Stutts Truck Trail, South Stutts Truck Trail and the Southside Roads all come together. Both of the Stutts Roads are Department roads and the Southside Road is a County Road.

Survey Needs:

Treatments are scheduled in the south west corner that will require survey work to determine the property line.

Recreational Facilities and Opportunities:

There are no developed recreation facilities within this compartment. Lack of road access may provide some secluded

hunting opportunities.

Fire Protection:

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

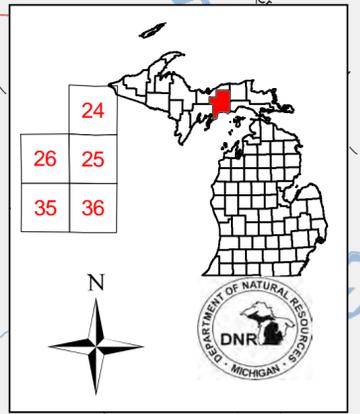
The following information is displayed, where pertinent, on the attached compartment maps:

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

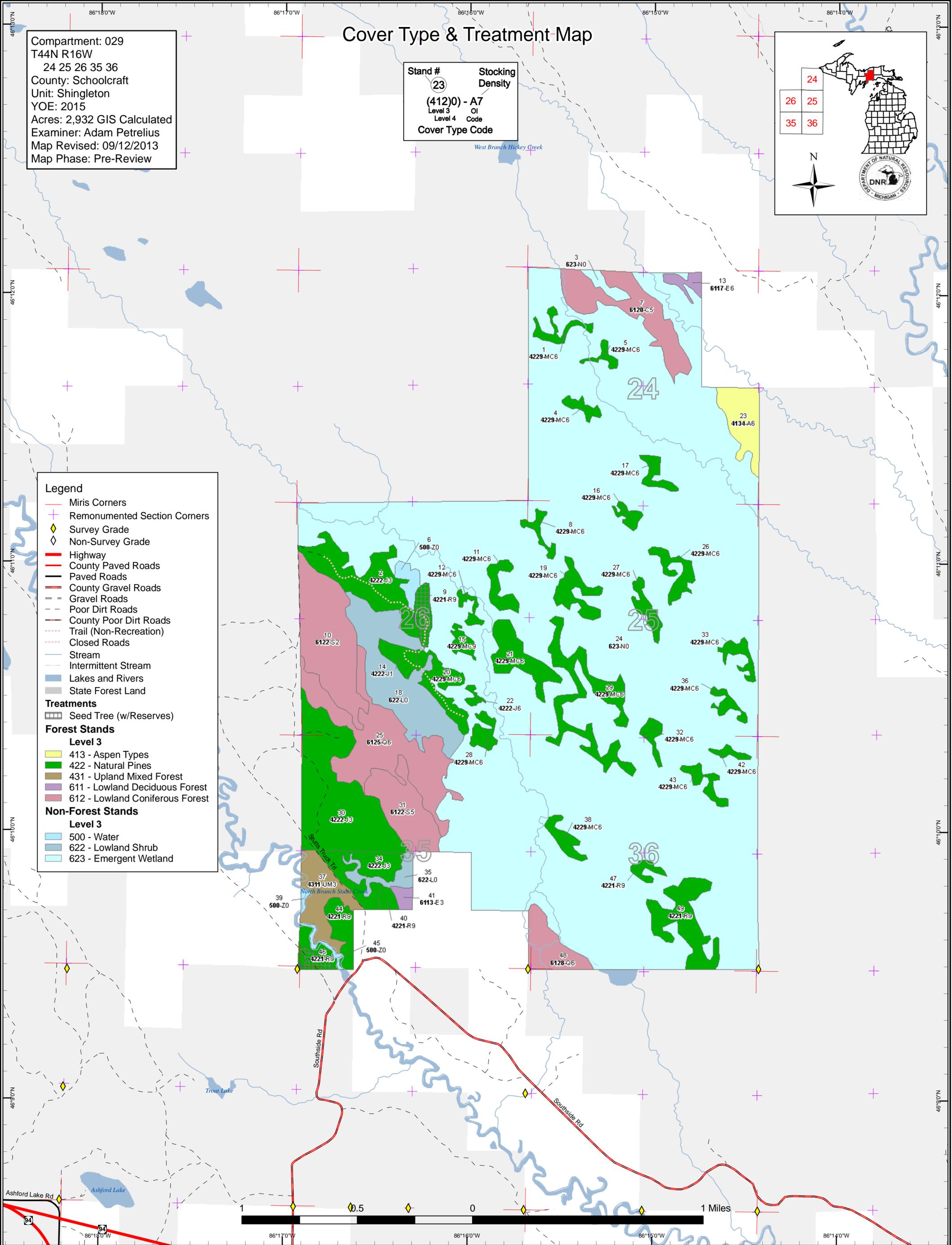
Cover Type & Treatment Map

Compartment: 029
 T44N R16W
 24 25 26 35 36
 County: Schoolcraft
 Unit: Singleton
 YOY: 2015
 Acres: 2,932 GIS Calculated
 Examiner: Adam Petrelius
 Map Revised: 09/12/2013
 Map Phase: Pre-Review

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



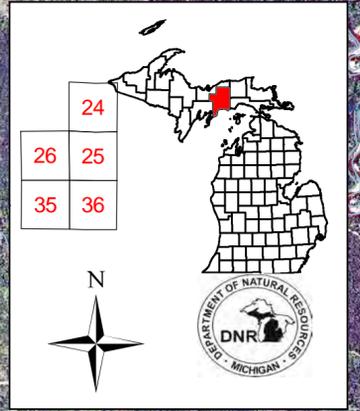
- Legend**
- Miris Corners
 - Remonumented Section Corners
 - Survey Grade
 - Non-Survey Grade
 - Highway
 - County Paved Roads
 - Paved Roads
 - County Gravel Roads
 - Gravel Roads
 - Poor Dirt Roads
 - County Poor Dirt Roads
 - Trail (Non-Recreation)
 - Closed Roads
 - Stream
 - Intermittent Stream
 - Lakes and Rivers
 - State Forest Land
- Treatments**
- Seed Tree (w/Reserves)
- Forest Stands**
- Level 3**
- 413 - Aspen Types
 - 422 - Natural Pines
 - 431 - Upland Mixed Forest
 - 611 - Lowland Deciduous Forest
 - 612 - Lowland Coniferous Forest
- Non-Forest Stands**
- Level 3**
- 500 - Water
 - 622 - Lowland Shrub
 - 623 - Emergent Wetland



Stand Boundary Map

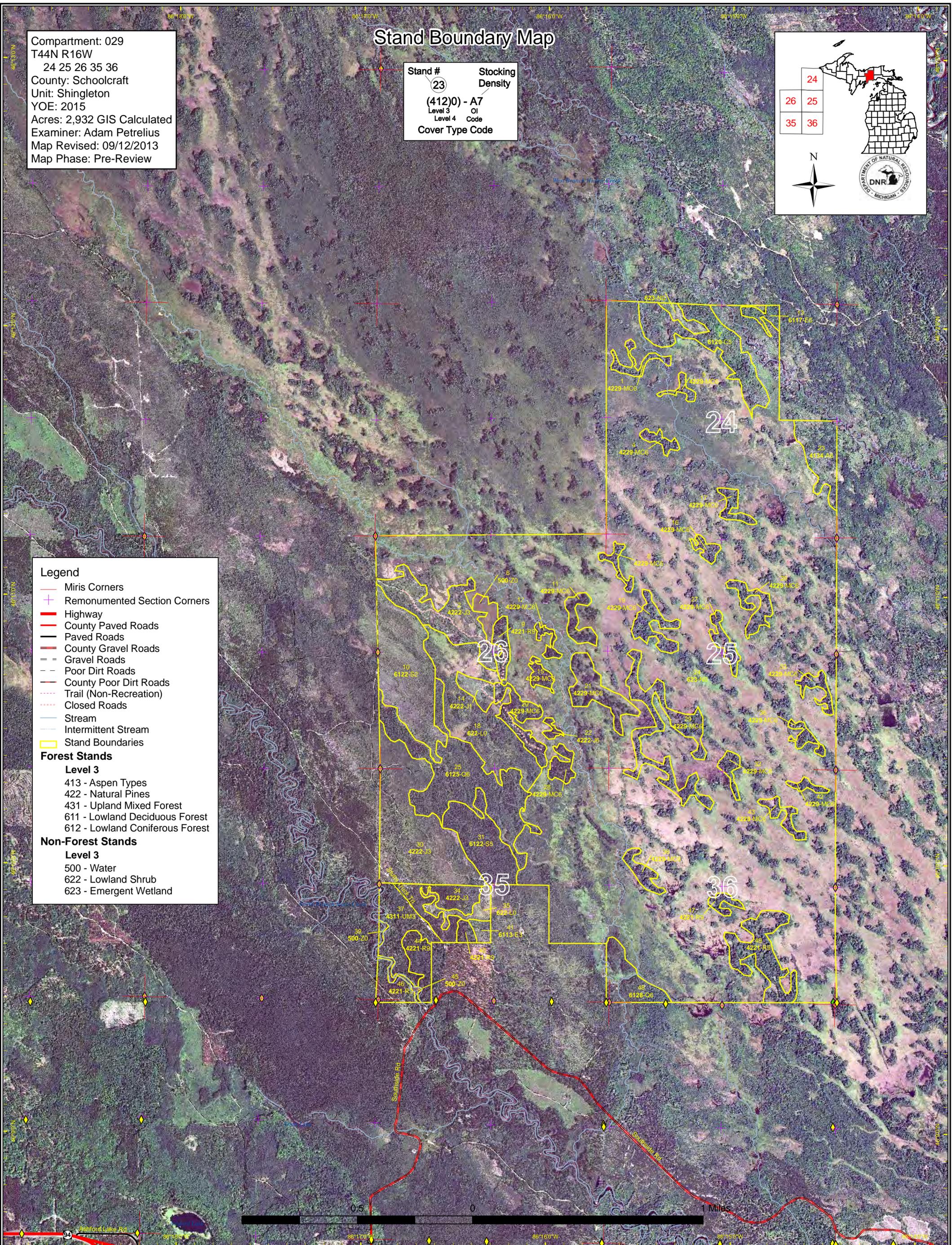
Compartment: 029
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Legend

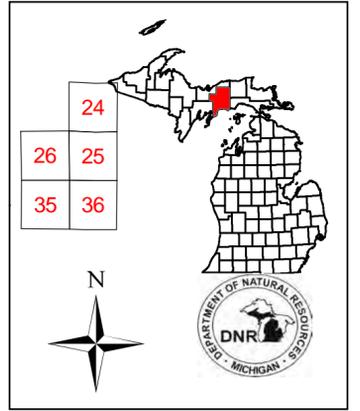
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 - 612 - Lowland Coniferous Forest
- Non-Forest Stands**
- Level 3**
- 500 - Water
 - 622 - Lowland Shrub
 - 623 - Emergent Wetland



Special Conservation Areas & Site Conditions Map

Compartment: 029
 T44N R16W
 24 25 26 35 36
 County: Schoolcraft
 Unit: Singleton
 YOE: 2015
 Acres: 2,932 GIS Calculated
 Examiner: Adam Petrelius
 Map Revised: 09/12/2013
 Map Phase: Pre-Review

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



Legend

- Miris Corners
- + Remonumented Section Corners
- Stand Boundaries

Site Condition Available

- Available w/ Constraints (Factor - Number)
- Unavailable (Factor - Number)

Site Condition Type

Available Factors W/ Constraints

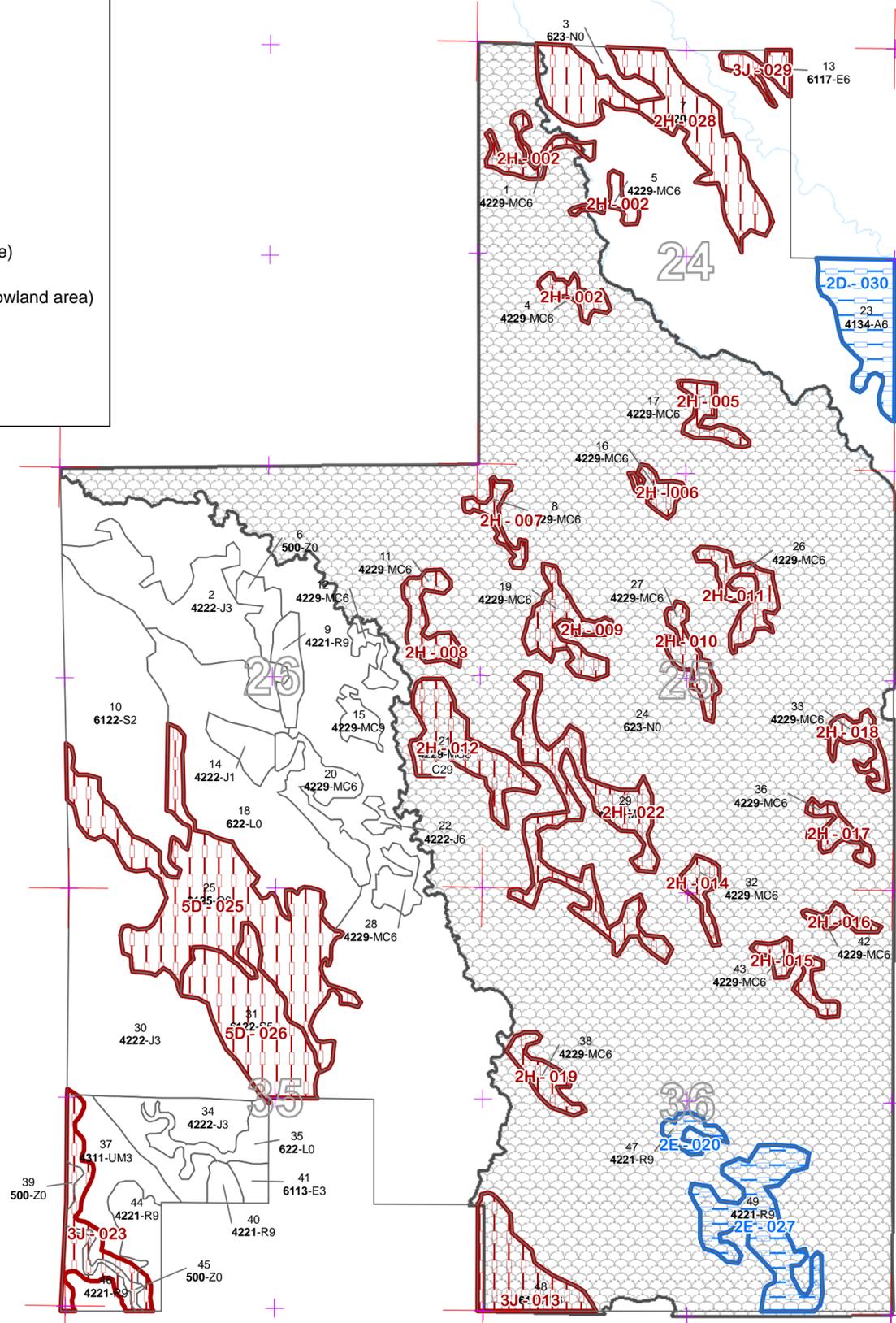
- 2E: Road needed
- 2D: Portable Bridge Needed (Dept. bridge will be adequate)

Unavailable Factors

- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3J: Water quality / BMPs (stream, river, or lake)
- 5D: Unproductive Forest Land

Reviewable SCAs

- Proposed SCA
- SCA Removal



1 0.5 0 1 Miles

86°18'0"W 86°17'0"W 86°16'0"W 86°15'0"W 86°14'0"W

46°13'0"N 46°12'0"N 46°11'0"N 46°10'0"N 46°9'0"N

46°13'0"N 46°12'0"N 46°11'0"N 46°10'0"N 46°9'0"N

Report 1 – Total Acres by Cover Type and Age Class



	Age Class														Total
	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120 +	Uneven Age	
Aspen	0	0	0	28	0	0	0	0	0	0	0	0	0	0	28
Cedar	0	0	0	0	0	0	0	0	0	0	0	52	0	0	52
Jack Pine	9	154	29	0	0	0	0	0	2	0	0	0	0	0	195
Lowland Conifers	0	0	0	0	0	0	0	0	26	94	0	0	0	0	120
Lowland Deciduous	5	0	0	0	0	0	0	0	0	0	7	0	0	0	11
Lowland Shrub	95	0	0	0	0	0	0	0	0	0	0	0	0	0	95
Lowland Spruce/Fir	78	0	0	0	0	0	0	0	43	0	0	0	0	0	120
Marsh	1965	0	0	0	0	0	0	0	0	0	0	0	0	0	1965
Natural Mixed Pines	0	0	0	0	0	0	0	0	29	188	0	0	0	0	218
Red Pine	0	0	0	0	0	0	0	0	17	65	0	0	0	0	82
Upland Mixed Forest	0	0	33	0	0	0	0	0	0	0	0	0	0	0	33
Water	13	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Total	2165	154	62	28	0	0	0	0	91	279	101	52	0	0	2932



Report 2 – Proposed Treatment Summaries

Shingleton Mgt. Unit
Year of Entry 2015

Compartment 029
Total Compartment Acres: 2,932

Acres by Treatment Type

Commercial Harvest - 58	Tree Planting - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 0	

Cover Type by Harvest Method

		<i>Clearcut</i>	<i>Selection</i>	<i>Seed Tree</i>	<i>Shelterwood</i>	<i>Thinning</i>	<i>Other - Specify</i>	<i>Total Acres</i>
Natural Pines		10	0	48	0	0	0	58
	Total	10	0	48	0	0	0	58

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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
9 41029009-Cut	8.8	42210 - Natural Red Pine	High Density Log	90	81-110	Harvest	Seed Tree with Reserves	42210 - Natural Red Pine	Cmpt. Review Proposal

Prescription Mark red pine and white pine to cut. Remove most of the logs and leave large seed trees and younger poles. Cut all other species except hemlock and oak.

Other Comments: Only chance of cutting this stand is to add it to the contract 2nd Chance Pine. Otherwise volume is too low to justify freezing the road into stand.

Next Steps: Regeneration should be checked next year of entry.

Proposed Start Date: 10/30/2013

12 41029012-Cut	4.3	42290 - Natural Mixed Pine	High Density Pole	84		Harvest	Seed Tree with Reserves	42290 - Natural Mixed Pine	Fld. Tr. Bdy.
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Prescription Mark red pine and white pine to cut. Cut all other species except hemlock and oak.

Other Comments: Stand is already on contract. 2nd Chance Pine, 41-020-11-01.

Next Steps: Check regeneration next year of entry.

Proposed Start Date: 10/01/2012

15 41029015-Cut	5.7	42290 - Natural Mixed Pine	High Density Log	84	81-110	Harvest	Seed Tree with Reserves	42290 - Natural Mixed Pine	Fld. Tr. Bdy.
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Prescription Mark red pine and white pine in orange. Cut all other species except hemlock and oak.

Other Comments: Stand is already on contract. 2nd Chance Pine, 41-020-11-01.

Next Steps: Check regeneration next year of entry.

Proposed Start Date: 10/01/2012

20 41029020-Cut	19.4	42290 - Natural Mixed Pine	High Density Pole	84	81-110	Harvest	Seed Tree with Reserves	42290 - Natural Mixed Pine	Fld. Tr. Bdy.
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Prescription Mark red pine and white pine to cut. Cut all other species except hemlock and oak.

Other Comments: Stand is already on contract. 2nd Chance Pine, 41-020-11-01.

Next Steps: Check regeneration next year of entry.

Proposed Start Date: 10/01/2012



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
22	41029022-Cut	2.4	42220 - Natural Jack Pine	High Density Pole	84	51-80	Harvest	Clearcut with Reserves	42220 - Natural Jack Pine	Fld. Tr. Bdy.
<u>Prescription</u> Mark red pine and white pine to cut. Cut all other species except hemlock and oak.										
<u>Specs:</u>										
<u>Other</u> Stand is already on contract. 2nd Chance Pine, 41-020-11-01.										
<u>Comments:</u>										
<u>Next</u> Check regeneration next year of entry.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2012										
28	41029028-Cut	7.8	42290 - Natural Mixed Pine	High Density Pole	92	51-80	Harvest	Clearcut with Reserves	42290 - Natural Mixed Pine	Fld. Tr. Bdy.
<u>Prescription</u> Mark red pine and white pine to cut. Cut all other species except hemlock and oak.										
<u>Specs:</u>										
<u>Other</u> Stand is already on contract. 2nd Chance Pine, 41-020-11-01.										
<u>Comments:</u>										
<u>Next</u> Check regeneration next year of entry.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2012										
40	41029040-Cut	4.3	42210 - Natural Red Pine	High Density Log	89	141-170	Harvest	Seed Tree with Reserves	42210 - Natural Red Pine	Fld. Tr. Bdy.
<u>Prescription</u> Mark red pine and white pine to cut. Cut all other species except hemlock and oak.										
<u>Specs:</u>										
<u>Other</u> Stand is already on contract. 2nd Chance Pine, 41-020-11-01.										
<u>Comments:</u>										
<u>Next</u> Check regeneration next year of entry.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2012										
46	41029046_sm all-Cut	5.8	42210 - Natural Red Pine	High Density Log	85	111-140	Harvest	Seed Tree with Reserves	42210 - Natural Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Leave about 20 sq.ft. basal area of red pine. Trees left should be a mixture of quality seed trees with well developed crowns and younger poles.										
<u>Specs:</u> Cut all other species except hemlock and oak.										
<u>Other</u> Survey work may be needed. Retention will be river buffer of 100 feet.										
<u>Comments:</u>										
<u>Next</u> Check regeneration next year of entry. Scarification, planting, trenching, Rx fire, herbicide are all acceptable methods to conduct aggressive										
<u>Steps:</u> regeneration work if needed to maintain red pine on site.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
Total Treatment Acreage Proposed:		58.5								



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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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#Type! #Type!

Prescription
Specs:

Other
Comment:

Next
Steps:

Proposed
Start Date: #Type!

Limiting Factor

Total Treatment
Acreage Proposed: 0.0

Report 5 – Site Conditions

Shingleton Mgt. Unit
Adam Petrelius : Examiner

Compartment 029
Year of Entry 2015

Availability for Management

Total Acres			Dominant Site Conditions						
Acres	Available	Not Available	No	5D	3J	2H	2E	2D	
28	28		Aspen					28	
52		52	Cedar			52			
195	195	0	Jack Pine	195		0			
120		120	Lowland Conifers		94	26			
11	5	7	Lowland Deciduous	5		7			
120	78	43	Lowland Spruce/Fir	78	43				
218	37	181	Natural Mixed Pines	37		181			
81	73	8	Red Pine	33		8	40		
33	24	10	Upland Mixed Forest	24		10			
858	439	420	Total Forested Acres	370	137	50	232	40	
	51%	49%	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
002	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	16				
Comments:							
005	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	7				
Comments:							
006	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	5				
Comments:							

Report 5 – Site Conditions

Shingleton Mgt. Unit
Adam Petrelius : Examiner

Compartment 029
Year of Entry 2015

007	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	5	
Comments:				
008	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	10	
Comments:				
009	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	15	
Comments:				
010	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	9	
Comments:				
011	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	12	
Comments:				
012	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	25	
Comments:				

Report 5 – Site Conditions

Shingleton Mgt. Unit
Adam Petrelius : Examiner

Compartment 029
Year of Entry 2015

013 Not Available 3J: Water quality / BMPs (stream, river, or lake) 26

Comments:

014 Not Available 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area) 6

Comments:

015 Not Available 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area) 7

Comments:

016 Not Available 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area) 3

Comments:

017 Not Available 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area) 6

Comments:

018 Not Available 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area) 7

Comments:

Report 5 – Site Conditions

Shingleton Mgt. Unit
Adam Petrelius : Examiner

Compartment 029
Year of Entry 2015

019	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	8	
Comments:				
020	Available	2E: Road needed	5	
Comments:				
022	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	41	
Comments:				
023	Not Available	3J: Water quality / BMPs (stream, river, or lake)	23	
Comments:				
025	Not Available	5D: Unproductive Forest Land	95	2G: Too wet (sensitive soils, does not include access issues)
Comments:				
026	Not Available	5D: Unproductive Forest Land	43	2G: Too wet (sensitive soils, does not include access issues)
Comments:				

Report 5 – Site Conditions

Shingleton Mgt. Unit
Adam Petrelius : Examiner

Compartment 029
Year of Entry 2015

027	Available	2E: Road needed	36			
Comments:						
028	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	52	2D: Portable Bridge Needed (Dept. bridge will be adequate)	2G: Too wet (sensitive soils, does not include access issues)	
Comments:						
029	Not Available	3J: Water quality / BMPs (stream, river, or lake)	7	2I: Survey needed	2B: Unknown if access through adjacent landowner(s) is possible	No Limiting Factor
Comments:						
030	Available	2D: Portable Bridge Needed (Dept. bridge will be adequate)	28			
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
C29	Potential Old Growth		SCA Removal	
Comments				
does not meet criteria				



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.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	42290 - Natural Mixed Pine	High Density Pole	7.3	90		
2	42220 - Natural Jack Pine	High Density Sapling	49.9	13		OI comments from 2007: Stand was cut in 1998. An effort was made to get regen counts on this stand, but failed due to flooded roads. Even if regen counts came back poor, there would be no option to regenerate the stand due to the amount of water surrounding it. 2013 visit showed fully stocked and trees were growing well.
4	42290 - Natural Mixed Pine	High Density Pole	4.9	90		
5	42290 - Natural Mixed Pine	High Density Pole	3.7	90		
7	6120 - Lowland Cedar	Medium Density Pole	51.7	119		Previously factored as bridge needed. Even if a bridge was available, stand is still not accessible. Multiple very wet cattail marsh crossings are present to get there. A lot of dead cedar is present within stand and stand has received a lot of mortality due to flooding.
8	42290 - Natural Mixed Pine	High Density Pole	5.1	90		
9	42210 - Natural Red Pine	High Density Log	8.8	90	81-110	
10	6122 - Black Spruce	Medium Density	77.5	6		Stand was cut in 2006 to 2010, Haymeadow Islands sale. a lot of residual spruce from harvest, nonforested pockets as well. Noticed a lot of small jack pine that regenerated in the uplands. Stand appears to be fully stocked. There isn't much we could do if it wasn't since it is mostly low ground spruce.
11	42290 - Natural Mixed Pine	High Density Pole	10.0	90		
12	42290 - Natural Mixed Pine	High Density Pole	4.3	84		Stand was set up and sold as Haymeadow Island Sale, 19-05. There was no market for large pine and it was turned back in. Stand was set up again and offered in 2011. It is now on contract as 2nd chance pine, 41-20-11. Residuals are 27 ft red pine, 27 ft white pine.
13	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	6.6	103		Previously factored as too wet and inadequate volume.
14	42220 - Natural Jack Pine	Low Density Sapling	9.5	3		Stand was cut around 2009 while it was still in private ownership. The state purchased this 80 acre parcel in fall 2012. regen isn't greatest, but should fill in. still early.
15	42290 - Natural Mixed Pine	High Density Log	5.7	84	81-110	Stand was set up and sold as Haymeadow Island Sale, 19-05. There was no market for large pine and it was turned back in. Stand was set up again and offered in 2011. It is now on contract as 2nd chance pine, 41-20-11. Residuals are 27 ft red pine, 27 ft white pine.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
16	42290 - Natural Mixed Pine	High Density Pole	4.8	90		
17	42290 - Natural Mixed Pine	High Density Pole	6.6	90		
19	42290 - Natural Mixed Pine	High Density Pole	14.9	90		
20	42290 - Natural Mixed Pine	High Density Pole	19.4	84	81-110	Stand was set up and sold as Haymeadow Island Sale, 19-05. There was no market for large pine and it was turned back in. Stand was set up again and offered in 2011. It is now on contract as 2nd chance pine, 41-20-11. Residuals are 5 WP, 7 RP, 1 cedar.
21	42290 - Natural Mixed Pine	High Density Pole	24.6	90		
22	42220 - Natural Jack Pine	High Density Pole	2.4	84	51-80	Stand was set up and sold as Haymeadow Island Sale, 19-05. There was no marked for large pine and it was turned back in. Stand was set up again and offered in 2011. It is now on contract as 2nd chance pine, 41-20-11. Residuals are 33 ft red pine, 3 ft white pine.
23	4134 - Aspen, Spruce/Fir	High Density Pole	27.6	36		
25	6125 - Lowland Black Spruce, Jack Pine	High Density Pole	94.5	100		Was factor limited in 2005 because of site index. Trees are barely merchantable size, stand is wet, and has low volume.
26	42290 - Natural Mixed Pine	High Density Pole	11.6	90	51-80	
27	42290 - Natural Mixed Pine	High Density Pole	8.5	90		
28	42290 - Natural Mixed Pine	High Density Pole	7.8	92	51-80	Stand was set up and sold as Haymeadow Island Sale, 19-05. There was no marked for large pine and it was turned back in. Stand was set up again and offered in 2011. It is now on contract as 2nd chance pine, 41-20-11. Residuals are 9 ft red pine, 5 ft white pine.
29	42290 - Natural Mixed Pine	High Density Pole	40.8	90		
30	42221 - Natural Jack Pine, Mixed Deciduous	High Density Sapling	104.5	14		Stand was cut in winter of 1998, and was never scarified because it was too wet. Regen counts in 2003 were poor and stand was planted with inmates in spring 2006. 2007 regen counts showed 457 jack pine, 7 red pine, 28 black spruce in the upland areas with some aspen clones mixed in. There is alot of non-forested areas within this stand. Once the trees get a little bit larger and with some better photos some of these areas can be delineated out next year of entry.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
31	6122 - Black Spruce	Medium Density Pole	42.7	85		Was factor limited in 2005 because of site index. Still would not recommend harvesting this stand. Low volume, small trees, alder understory, wet, and potential rutting issues due to lack of slash to operate on top of. Lower portions of adjacent stand (harvested in mid 1990's) that were previously forested have converted to non forest now due to high water levels.
32	42290 - Natural Mixed Pine	High Density Pole	5.8	90		
33	42290 - Natural Mixed Pine	High Density Pole	7.2	90		
34	42221 - Natural Jack Pine, Mixed Deciduous	High Density Sapling	28.8	25		
36	42290 - Natural Mixed Pine	High Density Pole	5.6	90		
37	4311 - Pine, Aspen Mix	High Density Sapling	33.0	26		OI comments from 2004: stand was cut in 1987. No cultural work was done. stand is mature and only option to keep stand in red pine is to be aggressive with a clearcut, burn, herbicides. This was opposed by WLD and MNFI and cut was dropped.
38	42290 - Natural Mixed Pine	High Density Pole	8.2	90		
40	42210 - Natural Red Pine	High Density Log	4.3	89	141-170	Stand on contract. 41-20-11, 2nd Chance Pine. Residuals from sale were 10 of WP and 20 of RP
41	6113 - Lowland Maple	High Density Sapling	4.6	4		
42	42290 - Natural Mixed Pine	High Density Pole	3.4	90		
43	42290 - Natural Mixed Pine	High Density Pole	7.4	90		
44	42210 - Natural Red Pine	High Density Log	15.4	90	51-80	OI comments from 2004: stand was cut in 1987. No cultural work was done. stand is mature and only option to keep stand in red pine is to be aggressive with a clearcut, burn, herbicides. This was opposed by WLD and MNFI and cut was dropped.
46	42210 - Natural Red Pine	High Density Log	12.7	85	111-140	comments previous entry were to do a regen harvest now.
47	42210 - Natural Red Pine	High Density Log	4.7	90	141-170	Stand could be accessed from the south possibly. This should be looked at when adjacent compartment is inventoried. Too much work involved building a road if the stands in adjacent compartment are not scheduled.
48	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	25.8	90		

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Shingleton Mgt. Unit

Report 8 – Forested Stands

Compartment: 029
Year of Entry: 2015



S t a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
49	42210 - Natural Red Pine	High Density Log	35.7	90	141-170	stand has some very nice red pine and high volume. Only possible access is from the south and that can be evaluated better when adjacent compartment is inventoried, but it is pretty wet. Too much work involved building a road if the stands in adjacent compartment are not scheduled also.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
3	623 - Emergent Wetland	6.1	Unspecified	Unspecified	
6	50 - Water	7.9	Unspecified	Unspecified	
18	622 - Lowland Shrub	83.4	Unspecified	Unspecified	
24	623 - Emergent Wetland	1959.3	Unspecified	Unspecified	
35	622 - Lowland Shrub	11.9	Unspecified	Unspecified	
39	50 - Water	1.6	Unspecified	Unspecified	
45	50 - Water	3.2	Unspecified	Unspecified	