



# Compartment Review Presentation

## Shingleton Forest Management Unit

Compartment 52

Entry Year 2016

Acreage: 1,998

County Schoolcraft

Management Area: Seney Manistique Swamp

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**Revision Date:** 04/24/2014

**Stand Examiner:** Adam Petrelius

### Legal Description:

T43N, R15W, Sections 5-8, and 18

### Identified Planning Goals:

This compartment is part of the Seney Manistique Swamp management Area. The main objectives in this area timber harvesting; wildlife management; protecting unique areas; and providing opportunities for forest recreation.

### Soil and topography:

The topography in this compartment is mostly flat and includes upland ridges of mixed pine within the marsh types. Soil types in the compartment include Rousseau-Neconish-Deford Complex, Deford Muck, Markey Mucky Peat, Proper Sand, Pelkie, Dawson, Greenwood, and Loxly Soils.

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

The entire southern boundary of this compartment borders private land. The majority of the north, west, and eastern boundary are state land. A couple private camps are present along this southern boundary. In 1986 the DNR had acquired the land located north of Southside Road within SWNE and SENW of Section 8 as a gift.

### Unique Natural Features:

No Unique Natural Features known.

### Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

### Special Management Designations or Considerations:

No Special Management Designations or Considerations known.

### Watershed and Fisheries Considerations:

### Wildlife Habitat Considerations:

Wildlife featured species: Beaver, moose, ruffed grouse, sharp-tailed grouse, snowshoe hare and deer.

### Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine (lake) sand and gravel, peat and muck and minor coarse-textured till. There is up to 200 feet or insufficient data to determine the glacial drift thickness. The Ordovician Stonington Formation and Big Hill Dolomite subcrop below the glacial drift. The Big Hill could be used for stone/dolomite. The nearest gravel pit is two miles to the west and potential appears to be limited to Section 18. There is a clay pit 1 mile to the west. There is no commercial oil and gas production in the UP.

### Vehicle Access:

About half of the compartment can be accessed by vehicles. The other half is composed of pine ridges surrounded by marsh types. Winter access roads to these ridges have been blocked to vehicle traffic following previous timber sales. Southside Road, a dirt County Road, runs east-west through the compartment and a small portion is plowed during the winter months. A few woods roads are present and are accessible to 2-wheel drive vehicles.

### Survey Needs:

### Recreational Facilities and Opportunities:

No recreational facilities are located within this compartment, however hunting and fishing opportunities occur.

**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**

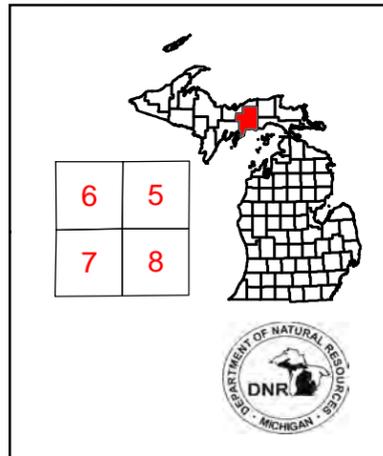




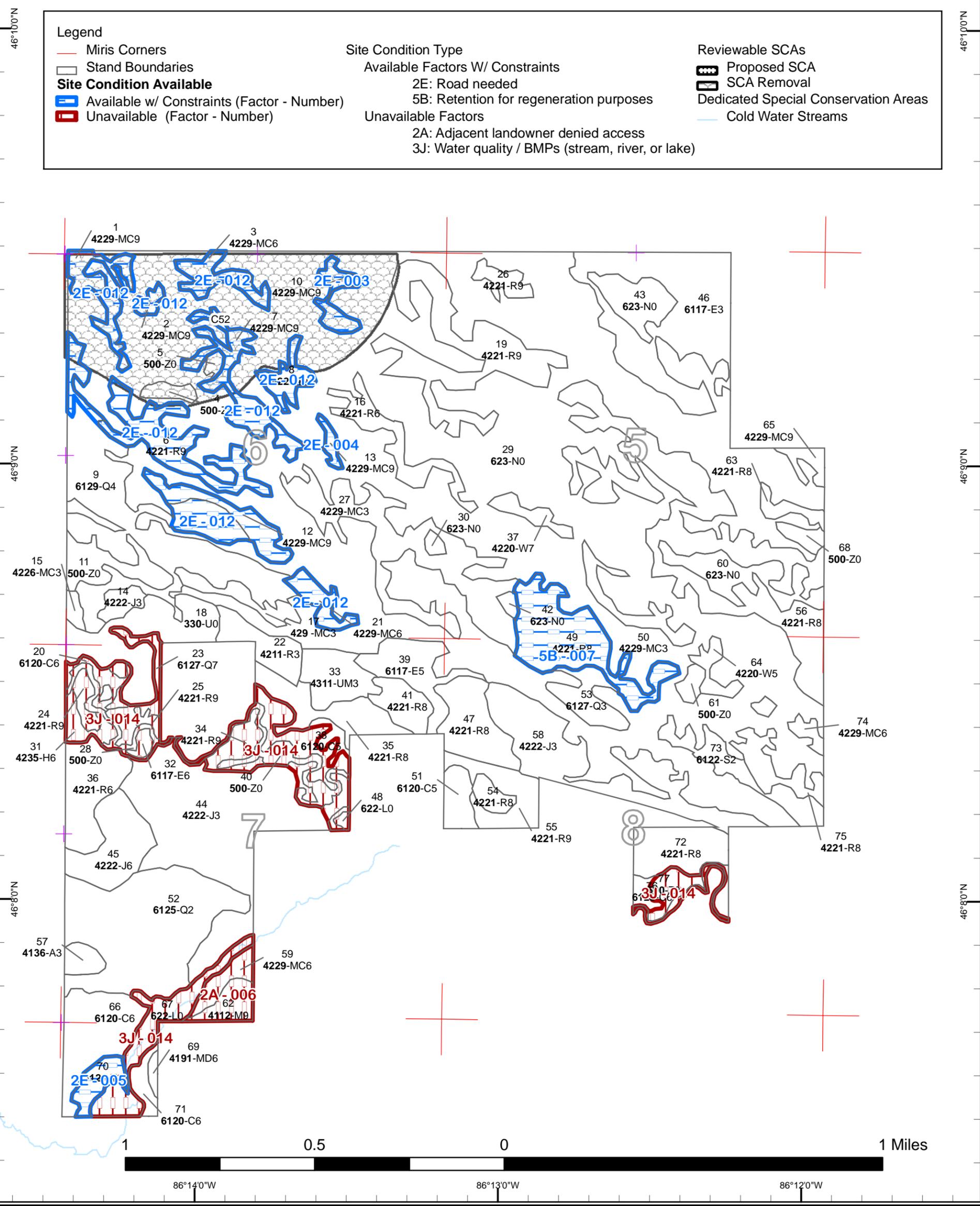
# Stands & Site Conditions Map

Compartment: 052  
 T43N R15W  
 05 06 07 08  
 County: Schoolcraft  
 Unit: Shingleton  
 Management Area: Seney Manistique Swamp  
 YOE: 2016  
 Acres: 1,999 GIS Calculated  
 Examiner: Adam Petrelius  
 Map Revised: 07/30/2014  
 Map Phase: Pre-Review

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



<b>Legend</b>		<b>Site Condition Type</b>	<b>Reviewable SCAs</b>
— Miris Corners		Available Factors W/ Constraints	▨ Proposed SCA
□ Stand Boundaries		2E: Road needed	▨ SCA Removal
<b>Site Condition Available</b>		5B: Retention for regeneration purposes	▨ Dedicated Special Conservation Areas
▨ Available w/ Constraints (Factor - Number)		Unavailable Factors	— Cold Water Streams
▨ Unavailable (Factor - Number)		2A: Adjacent landowner denied access	
		3J: Water quality / BMPs (stream, river, or lake)	



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 +	Uneten Age	
Aspen	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
Cedar	0	0	0	0	0	0	24	47	0	0	0	0	0	0	71
Hemlock	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5
Jack Pine	0	94	45	0	0	22	0	0	0	0	0	0	0	0	161
Low-Density Trees	33	0	0	0	0	0	0	0	0	0	0	0	0	0	33
Lowland Conifers	0	83	0	0	0	0	82	8	0	0	0	0	0	0	173
Lowland Deciduous	0	60	0	18	0	0	2	0	0	0	0	0	0	0	80
Lowland Shrub	21	0	0	0	0	0	0	0	0	0	0	0	0	0	21
Lowland Spruce/Fir	0	0	16	0	0	0	0	0	0	0	0	0	0	0	16
Marsh	821	0	0	0	0	0	0	0	0	0	0	0	0	0	821
Mixed Upland Deciduous	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
Natural Mixed Pines	0	61	2	0	0	0	6	77	0	0	0	0	0	0	146
Northern Hardwood	0	0	0	0	0	0	0	0	7	0	0	0	0	0	7
Red Pine	0	12	0	0	0	0	0	78	72	183	0	0	0	22	368
Tamarack	0	0	0	0	0	0	7	0	0	0	0	0	0	0	7
Upland Conifers	0	8	0	0	0	0	0	0	0	0	0	0	0	0	8
Upland Mixed Forest	0	0	15	0	0	0	0	0	0	0	0	0	0	0	15
Water	49	0	0	0	0	0	0	0	0	0	0	0	0	0	49
White Pine	0	0	0	0	0	0	0	5	0	5	0	0	0	0	11
<b>Total</b>	<b>923</b>	<b>323</b>	<b>78</b>	<b>18</b>	<b>0</b>	<b>22</b>	<b>122</b>	<b>217</b>	<b>80</b>	<b>194</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22</b>	<b>1999</b>



# Report 2 – Proposed Treatment Summaries

Shingleton Mgt. Unit  
Year of Entry 2016

Compartment 052  
Total Compartment Acres: 1,998

### Acres by Treatment Type

Commercial Harvest - 235	Tree Planting - 82	Other - 0
Habitat Cut - 0	Opening Maintenance - 0	

### Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Natural Pines	50	0	186	0	0	0	235
<b>Total</b>	<b>50</b>	<b>0</b>	<b>186</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>235</b>



Standard	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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	<b>41051_OutOfY OE_1-Cut</b>	3.3					Harvest	Seed Tree with Reserves	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
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Prescription Leave good quality pine seed trees where they are present and needed. Cut all other species.

Specs:

Other incorporate retention into marsh edge.

Comments:

Next check regeneration next year of entry.

Steps:

Proposed

Start Date: 10/01/2015

	<b>41051_OutOfY OE-Cut</b>	1.3					Harvest	Seed Tree with Reserves	4220 - Natural White Pine	Cmpt. Review Proposal
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Prescription Leave good quality pine seed trees where they are present and needed. Cut all other species.

Specs:

Other incorporate retention into the marsh edge

Comments:

Next Check regeneration next year of entry.

Steps:

Proposed

Start Date: 10/01/2015

<b>19</b>	<b>41052019-Cut</b>	44.8	42210 - Natural Red Pine	High Density Log	91	1-50	Harvest	Seed Tree with Reserves	4221 - Natural Red Pine	Cmpt. Review Proposal
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Prescription Leave good quality red pine seed trees where present and needed.

Specs:

Other Protect existing pine regeneration. Treatment boundary may change greatly. Areas that do not need an overstory removal should be excluded to protect the regeneration.

Comments:

Next Check regeneration next year of entry.

Steps:

Proposed

Start Date: 10/01/2015

<b>26</b>	<b>41052026-Cut</b>	5.4	42210 - Natural Red Pine	High Density Log	91	51-80	Harvest	Seed Tree with Reserves	4221 - Natural Red Pine	Cmpt. Review Proposal
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Prescription Leave good quality red pine seed trees where present and needed.

Specs:

Other Protect existing pine regeneration. Treatment boundary may change greatly. Areas that do not need an overstory removal should be excluded to protect the regeneration.

Comments:

Next Check regeneration next year of entry.

Steps:

Proposed

Start Date: 10/01/2015

<b>35</b>	<b>41052035-Cut</b>	18.4	42210 - Natural Red Pine	Medium Density Log	80	51-80	Harvest	Seed Tree with Reserves	4221 - Natural Red Pine	Cmpt. Review Proposal
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Prescription Remove overstory. Leave smaller diameter red pine and some larger seed trees.

Specs:

Other Protect red pine regeneration. Restrict harvest to bare ground conditions to help with regeneration.

Comments:

Next FTP should be written to plant red pine in holes that develop following harvest.

Steps:

Proposed

Start Date: 10/01/2015



Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
41	41052041-Cut	9.8	42210 - Natural Red Pine	Medium Density Log	93	51-80	Harvest	Clearcut	4211 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription Specs:</u> Final harvest of all trees in stand. No retention for good plantation establishment. Use 2 inch spec. Allow harvesting of snags to help future aerial herbicide applications.										
<u>Other Comments:</u> Previous harvest resulted in very little red pine regeneration in a stand that is mostly red pine.										
<u>Next Steps:</u> Regenerate red pine.										
<u>Proposed Start Date:</u> 10/01/2015										
47	41052047-Cut	20.5	42210 - Natural Red Pine	Medium Density Log	93	51-80	Harvest	Clearcut	4211 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription Specs:</u> Final harvest of all trees in stand. No retention for good plantation establishment. Use 2 inch spec. Allow harvesting of snags to help future aerial herbicide applications.										
<u>Other Comments:</u> Previous harvest resulted in very little red pine regeneration in a stand that was almost pure red pine.										
<u>Next Steps:</u> Regenerate red pine.										
<u>Proposed Start Date:</u> 10/01/2015										
54	41052054-Cut	4.4	42210 - Natural Red Pine	Medium Density Log	93	1-50	Harvest	Clearcut	4211 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription Specs:</u> Final harvest of all trees in stand. No retention for good plantation establishment. Use 2 inch spec. Allow harvesting of snags to help future aerial herbicide applications.										
<u>Other Comments:</u> Previous harvest resulted in very little red pine regeneration in a stand that was almost pure red pine.										
<u>Next Steps:</u> Regenerate red pine.										
<u>Proposed Start Date:</u> 10/01/2015										
55	41052055-Cut	14.9	42210 - Natural Red Pine	High Density Log	80	51-80	Harvest	Clearcut	4211 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription Specs:</u> Final harvest of all trees in stand. No retention for good plantation establishment. Use 2 inch spec. Allow harvesting of snags to help future aerial herbicide applications.										
<u>Other Comments:</u> Previous harvest 15 years ago resulted in very little red pine regeneration in a stand that is mostly red pine.										
<u>Next Steps:</u> Regenerate red pine.										
<u>Proposed Start Date:</u> 10/01/2015										
56	41052056_sm all-Cut	3.5	42210 - Natural Red Pine	Medium Density Log	91	51-80	Harvest	Seed Tree with Reserves	4221 - Natural Red Pine	Cmpt. Review Proposal
<u>Prescription Specs:</u> Leave good quality pine seed trees where present and needed. Cut all other species.										
<u>Other Comments:</u> incorporate retention along the marsh edge										
<u>Next Steps:</u> Check regeneration next year of entry.										
<u>Proposed Start Date:</u> 10/01/2015										



Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
56	41052056-Cut	80.1	42210 - Natural Red Pine	Medium Density Log	91	51-80	Harvest	Seed Tree with Reserves	4221 - Natural Red Pine	Cmpt. Review Proposal
<u>Prescription.</u> Leave good quality red pine seed trees where needed in stand.										
<u>Specs:</u>										
<u>Other Comments:</u> Protect existing pine regeneration. Treatment boundary may change greatly. Exclude areas that do not need the overstory to be removed.										
<u>Next Steps:</u> Check regeneration next year of entry.										
<u>Proposed Start Date:</u> 10/01/2015										
72	41052072-Cut	18.2	42210 - Natural Red Pine	Medium Density Log	72	51-80	Harvest	Seed Tree with Reserves	4221 - Natural Red Pine	Cmpt. Review Proposal
<u>Prescription.</u> Release understory by removing overstory. Leave smaller red pine and some large seed trees.										
<u>Specs:</u>										
<u>Other Comments:</u> Protect red pine regeneration and restrict harvest to snow free conditions to help enhance red pine regeneration.										
<u>Next Steps:</u> FTP for red pine planting should be written to fill in any gaps that are created from harvest.										
<u>Proposed Start Date:</u> 10/01/2015										
74	41052074-Cut	4.3	42290 - Natural Mixed Pine	High Density Pole	71	81-110	Harvest	Seed Tree with Reserves	42290 - Natural Mixed Pine	Cmpt. Review Proposal
<u>Prescription.</u> Leave good quality pine seed trees where present and needed. Cut all other species.										
<u>Specs:</u>										
<u>Other Comments:</u> Incorporate retention along the marsh edge.										
<u>Next Steps:</u> Check regeneration next year of entry.										
<u>Proposed Start Date:</u> 10/01/2015										
75	41052075-Cut	11.0	42210 - Natural Red Pine	Medium Density Log	73	51-80	Harvest	Seed Tree with Reserves	4221 - Natural Red Pine	Cmpt. Review Proposal
<u>Prescription.</u> Leave good quality red pine seed trees where present and needed.										
<u>Specs:</u>										
<u>Other Comments:</u> Protect existing mixed pine regeneration. easiest access would be through private										
<u>Next Steps:</u> Check regeneration next year of entry.										
<u>Proposed Start Date:</u> 10/01/2015										
18	NF_41052018-Plant	32.7	3302 - Low Density Conifer Trees				Tree Planting	Hand Plant	4211 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription.</u> Stand is trenched. On FTP 1299 already. Will be planted in spring.										
<u>Specs:</u>										
<u>Other Comments:</u>										
<u>Next Steps:</u>										
<u>Proposed Start Date:</u> Unspecified										



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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
Total Treatment Acreage Proposed:		272.6							



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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#Type! #Type!

Prescription

Specs:

Other

Comment:

Next

Steps:

Proposed

Start Date: #Type!

Limiting Factor

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**Total Treatment  
Acreage Proposed: 0.0**

## Report 5 – Site Conditions

Shingleton Mgt. Unit  
Adam Petrelius : Examiner

Compartment 052  
Year of Entry 2016

### Availability for Management

Availability for Management			Dominant Site Conditions					
Total Acres	Acres Available	Acres Not Available		No	5B	3J	2E	2A
5	5		<b>Aspen</b>	5				
71	47	24	<b>Cedar</b>	47		24		
5		5	<b>Hemlock</b>			5		
161	157	5	<b>Jack Pine</b>	157		5		
173	165	8	<b>Lowland Conifers</b>	150		8	15	
80	78	2	<b>Lowland Deciduous</b>	78		2		
16	16		<b>Lowland Spruce/Fir</b>	16				
2	2		<b>Mixed Upland Deciduous</b>	2				
146	140	6	<b>Natural Mixed Pines</b>	72			68	6
7		7	<b>Northern Hardwood</b>					7
368	352	16	<b>Red Pine</b>	287	35	16	30	
7	7		<b>Tamarack</b>				7	
8	8		<b>Upland Conifers</b>	8				
15	15		<b>Upland Mixed Forest</b>	15				
11	11		<b>White Pine</b>	11				
1,075	1,002	73	Total Forested Acres	846	35	60	121	14
	93%	7%	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
003	Available	2E: Road needed	7				
<b>Comments:</b>							
004	Available	2E: Road needed	2				
<b>Comments:</b>							

## Report 5 – Site Conditions

Shingleton Mgt. Unit  
Adam Petrelius : Examiner

Compartment 052  
Year of Entry 2016

005	Available	2E: Road needed	7
<b>Comments:</b>			
006	Not Available	2A: Adjacent landowner denied access	14
<b>Comments:</b> permission for access has been attempted for 30 years now with no success.			
007	Available	5B: Maintain for regeneration purposes	35
<b>Comments:</b>			
012	Available	2E: Road needed	106
<b>Comments:</b> Under the right winter conditions this group of islands could be combined with adjacent compartments and set up. I feel the effort needed to construct a road through these stands is too great and based on adjacent sales we have offered of similar nature, I believe this one will not sell.			
014	Not Available	3J: Water quality / BMPs (stream, river, or lake)	101
<b>Comments:</b>			



**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
C52	Other SCA		SCA Removal	
Comments				



**Report 7 – 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
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.



S t a n d	Shingleton Mgt. Unit		Report 8 – Forested Stands			Compartment: 052 Year of Entry: 2016
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	42290 - Natural Mixed Pine	High Density Log	11.7	72	81-110	
2	42290 - Natural Mixed Pine	High Density Log	2.2	71	81-110	
3	42290 - Natural Mixed Pine	High Density Pole	9.4	71	81-110	never cut
6	42210 - Natural Red Pine	High Density Log	22.8	71	111-140	
7	42290 - Natural Mixed Pine	High Density Log	17.3	71	81-110	stand has never been cut
8	42210 - Natural Red Pine	High Density Log	7.3	71	111-140	
9	6129 - Mixed Coniferous Lowland Forest	Low Density Pole	82.4	60		poor site
10	42290 - Natural Mixed Pine	High Density Log	6.6	72	51-80	
12	42290 - Natural Mixed Pine	High Density Log	11.7	75	81-110	trees are stressed
13	42290 - Natural Mixed Pine	High Density Log	2.3	73	81-110	stand has never been cut
14	42220 - Natural Jack Pine	High Density Sapling	4.8	11		
15	42260 - Natural Pine, Mixed Deciduous	High Density Sapling	2.4	23		
16	42210 - Natural Red Pine	High Density Pole	14.7	71	1-50	
17	429 - Mixed Upland Conifers	High Density Sapling	7.9	18		New stand added. rp was planted on ridges by inmates
19	42210 - Natural Red Pine	High Density Log	44.8	91	1-50	
20	6120 - Lowland Cedar	High Density Pole	4.5	77		
21	42290 - Natural Mixed Pine	High Density Pole	7.1	75		
22	42110 - Planted Red Pine	High Density Sapling	12.3	19		



S t a n d	Shingleton Mgt. Unit		Report 8 – Forested Stands			Compartment: 052 Year of Entry: 2016	
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:	
23	6127 - Lowland Pine	Low Density Log	8.0	78	1-50		
24	42210 - Natural Red Pine	High Density Log	4.0	95	141-170		
25	42210 - Natural Red Pine	High Density Log	4.1	83	141-170		
26	42210 - Natural Red Pine	High Density Log	5.4	91	51-80		
27	42290 - Natural Mixed Pine	High Density Sapling	50.7	14		stand was cut in winter of 1999 to 2001, South Stutts Pine	
31	42350 - Upland Hemlock	High Density Pole	5.3	90		New stand added.	
32	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	2.0	60			
33	4311 - Pine, Aspen Mix	High Density Sapling	14.9	21			
34	42210 - Natural Red Pine	High Density Log	7.7	90	141-170		
35	42210 - Natural Red Pine	Medium Density Log	18.4	80	51-80		
36	42210 - Natural Red Pine	High Density Pole	22.2	Uneven Age	51-80	Residual basal area from last harvest was 56.	
37	42200 - Natural White Pine	Low Density Log	5.4	91	1-50		
38	6120 - Lowland Cedar	Medium Density Pole	16.3	63			
39	6117 - Lowland Deciduous, Mixed Coniferous	Medium Density Pole	17.7	38			
41	42210 - Natural Red Pine	Medium Density Log	9.8	93	51-80	Cut in 2011, Big Pine Sale. Residual Basal area is 41 feet red pine, 12 feet white pine.	
44	42220 - Natural Jack Pine	High Density Sapling	89.6	14		2005 regen count was 924 tpa of misc species. Holes were filled in with inmates in 2003.	
45	42220 - Natural Jack Pine	High Density Pole	22.1	51	81-110		



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
46	6117 - Lowland Deciduous, Mixed Coniferous	High Density Sapling	60.3	12		stand converted from pine over to aspen
47	42210 - Natural Red Pine	Medium Density Log	20.5	93	51-80	Stand was cut with the Big Pine Sale in 2011. Residual basal area is 45 ft red pine, 12 ft white pine.
49	42210 - Natural Red Pine	Medium Density Log	35.0	83	51-80	New stand added.
50	42290 - Natural Mixed Pine	High Density Sapling	9.9	18		
51	6120 - Lowland Cedar	Medium Density Pole	7.8	63		
52	6125 - Lowland Black Spruce, Jack Pine	Medium Density	71.4	14		patches of sap/pole trees exist that were left during previous harvest
53	6127 - Lowland Pine	High Density Sapling	11.3	14		New stand added.
54	42210 - Natural Red Pine	Medium Density Log	4.4	93	1-50	stand was cut in 2011, Big Pine sale. Residual basal area was 32 red pine. 8 white pine
55	42210 - Natural Red Pine	High Density Log	14.9	80	51-80	
56	42210 - Natural Red Pine	Medium Density Log	86.2	91	51-80	
57	4136 - Aspen, Mixed Conifer	High Density Sapling	4.8	14		
58	42220 - Natural Jack Pine	High Density Sapling	44.8	23		
59	42290 - Natural Mixed Pine	High Density Pole	6.4	69	81-110	
62	4112 - Maple, Beech, Cherry Association	High Density Log	7.4	80	111-140	
63	42210 - Natural Red Pine	Medium Density Log	4.5	70	1-50	
64	42200 - Natural White Pine	Medium Density Pole	5.2	71	51-80	
65	42290 - Natural Mixed Pine	High Density Log	4.4	71		



S t a n d	Shingleton Mgt. Unit		Report 8 – Forested Stands			Compartment: 052	Year of Entry: 2016
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:	
66	6120 - Lowland Cedar	High Density Pole	26.1	76			
69	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	1.5	78			
70	6121 - Tamarack	High Density Pole	7.4	63			
71	6120 - Lowland Cedar	High Density Pole	4.9	71			
72	42210 - Natural Red Pine	Medium Density Log	18.2	72	51-80	cut in summer 1998, south stutts pine	
73	6122 - Black Spruce	Medium Density	15.5	23			
74	42290 - Natural Mixed Pine	High Density Pole	4.3	71	81-110		
75	42210 - Natural Red Pine	Medium Density Log	11.0	73	51-80	cut in winter 1999-2001, south stutts pine sale	
76	6120 - Lowland Cedar	High Density Pole	11.4	71			



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
4	50 - Water	3.5	Unspecified	Unspecified	
5	50 - Water	1.7	Unspecified	Unspecified	
11	50 - Water	16.0	Unspecified	Unspecified	
18	3302 - Low Density Conifer Trees	32.7	Plantation	Red Pine	
28	50 - Water	5.5	Unspecified	Unspecified	
29	623 - Emergent Wetland	785.8	Unspecified	Unspecified	
30	623 - Emergent Wetland	1.7	Unspecified	Unspecified	
40	50 - Water	12.5	Unspecified	Unspecified	
42	623 - Emergent Wetland	1.7	Unspecified	Unspecified	
43	623 - Emergent Wetland	13.5	Unspecified	Unspecified	
48	622 - Lowland Shrub	0.8	Unspecified	Unspecified	
60	623 - Emergent Wetland	18.2	Unspecified	Unspecified	
61	50 - Water	3.2	Unspecified	Unspecified	
67	622 - Lowland Shrub	19.9	Unspecified	Unspecified	
68	50 - Water	3.7	Unspecified	Unspecified	
77	50 - Water	2.8	Unspecified	Unspecified	