



# Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41059

Entry Year 2019

Acreage: 1,566

County Schoolcraft

Management Area: Hiawatha Moraine

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**Revision Date:** 2017-08-09

**Stand Examiner:** Tori Irving

**Legal Description:**

T43N R15W Sections 20,29 & 32

**Identified Planning Goals:**

The goals in this compartment include conducting multiple resource management for current and future generations. Forest Health, Recreation, Biodiversity Stewardship, Wildlife and Timber Management are some of the key management components within this compartment.

**Soil and topography:**

The soils in Schoolcraft County have recently been re-mapped by the Soil Survey. Specific soils information including Habitat Types can be found in the individual stand comments. In general, the soils are a mix of fine loamy sands in the hardwood areas transitioning to well drained sands in the pine areas. In addition, the low ground in section 20 is poorly drained organic soils. The terrain in the area is relatively flat with the exception of a steep ridge with ravines in stand 17 along the Brace Creek corridor. The Eastern Upper Peninsula Eco-Regional Planning Process is using a Management Area Concept to manage on a broader scale and Land Type Associations (LTA's) are key components to defining the soils and topography within the Management Areas. The majority of the compartment lies within the Hiawatha Moraine LTA however, a portion of section 20 which primarily includes the lowlands is in the Stutts Creek Sands LTA.

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

The compartment is almost entirely contiguous State land except for the portion of private in Section 20. There is little development within the compartment; however, due to the upland ground and easy access to the area, it does receive a good amount of public use.

**Unique Natural Features:**

Currently under review by Michigan Natural Features Inventory (MNFI).

**Archeological, Historical, and Cultural Features:**

Refer to HAL report.

**Special Management Designations or Considerations:**

Roughly half of section 32 is part of a Sharptail Grouse Corridor which is managed both commercially and non-commercially to maintain the area in an open style habitat which the birds need to survive.

**Watershed and Fisheries Considerations:**

This compartment is divided into a small northern region and large southern region. The northern region of this compartment contains Brace Creek which serves as a tributary to Stutts Creek. Brace Creek is a designated Type 1 trout stream less than 50' width. A 300' buffer is recommended for Brace Creek in riparian areas susceptible to Aspen regeneration. For all other riparian areas, Best Management Practices should be followed.

**Wildlife Habitat Considerations:**

This compartment lies north of the High Rollways complex. Pre-settlement data show that hemlock, birch, sugar maple, white pine, and beech dominated the forest in this compartment. Balsam fir was common in the understory. Lowlands contained cedar and tamarack. The current forest is substantially different than that found circa 1850. The conifer component with the northern hardwoods has been substantially reduced, a large portion of the compartment contains red pine plantations, large grassy openings, and regenerating aspen stands. This compartment serves as a break-out area for deer migrating out of the Sturgeon Hole Deer Yard in the spring. As such, the wildlife habitat management regime is strongly associated with maintaining large grassy openings that will become snow free earlier than the surrounding landscape and providing hard mast (acorns). An additional goal is to enhance species and structural diversity within the existing northern hardwood stands.

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

Gravel pits are located two miles to the west and there could be some potential within the compartment. There is no known metallic mineral potential in this region. There is no commercial oil and gas production in the UP.

**Vehicle Access:**

With the exception of the northern block in Section 20, the compartment has excellent access including the High Rollways Truck Trail which is a County Road.

**Survey Needs:**

Corners will be needed in the southwest quarter of Section 20.

**Recreational Facilities and Opportunities:**

This compartment does not have any recreational facilities. There is a snowmobile trail just to the east of the compartment. The area gets a lot of recreational users including hunters, birdwatchers, blueberry pickers, ORV users, and snowmobilers.

**Fire Protection:**

The area has numerous roads which will aid in suppression efforts if a fire were to occur. There is an increased potential for slash fires since so much of the pine is being harvested. In general, the Sharptail Corridor has been managed through fire, therefore most of the fuel has been removed which lessens the chance for a large fire to occur.

**Additional Compartment Information:**

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

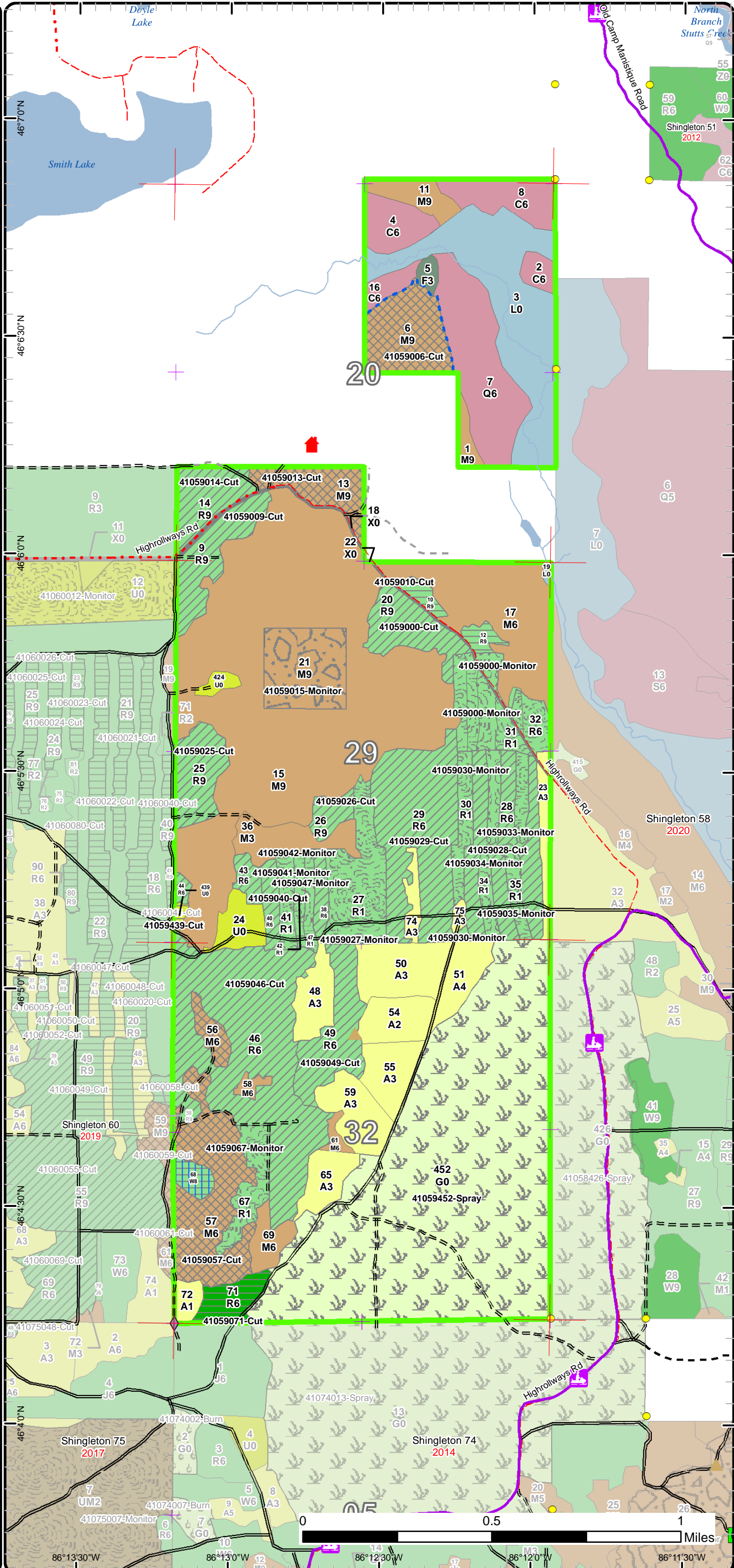
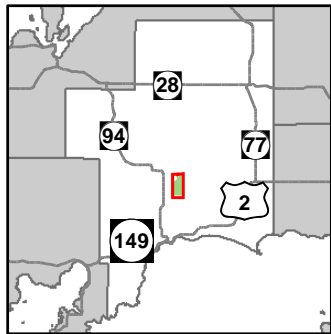
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

**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

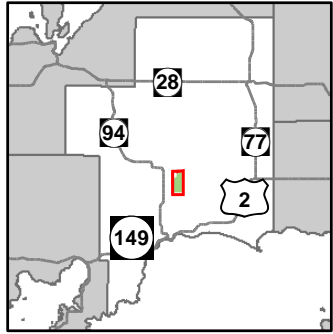
Compartment: 59  
 T43N,R15W, Sec: 20, 29, 32  
 County: Schoolcraft  
 Unit: Shingleton  
 Mgmt Area: Hiawatha Moraine  
 YOE: 2019  
 Acres: 1,566 GIS Calculated  
 Examiner: Tori Irving  
 Map Revised: 7/30/2018  
 Map Phase: Post Review



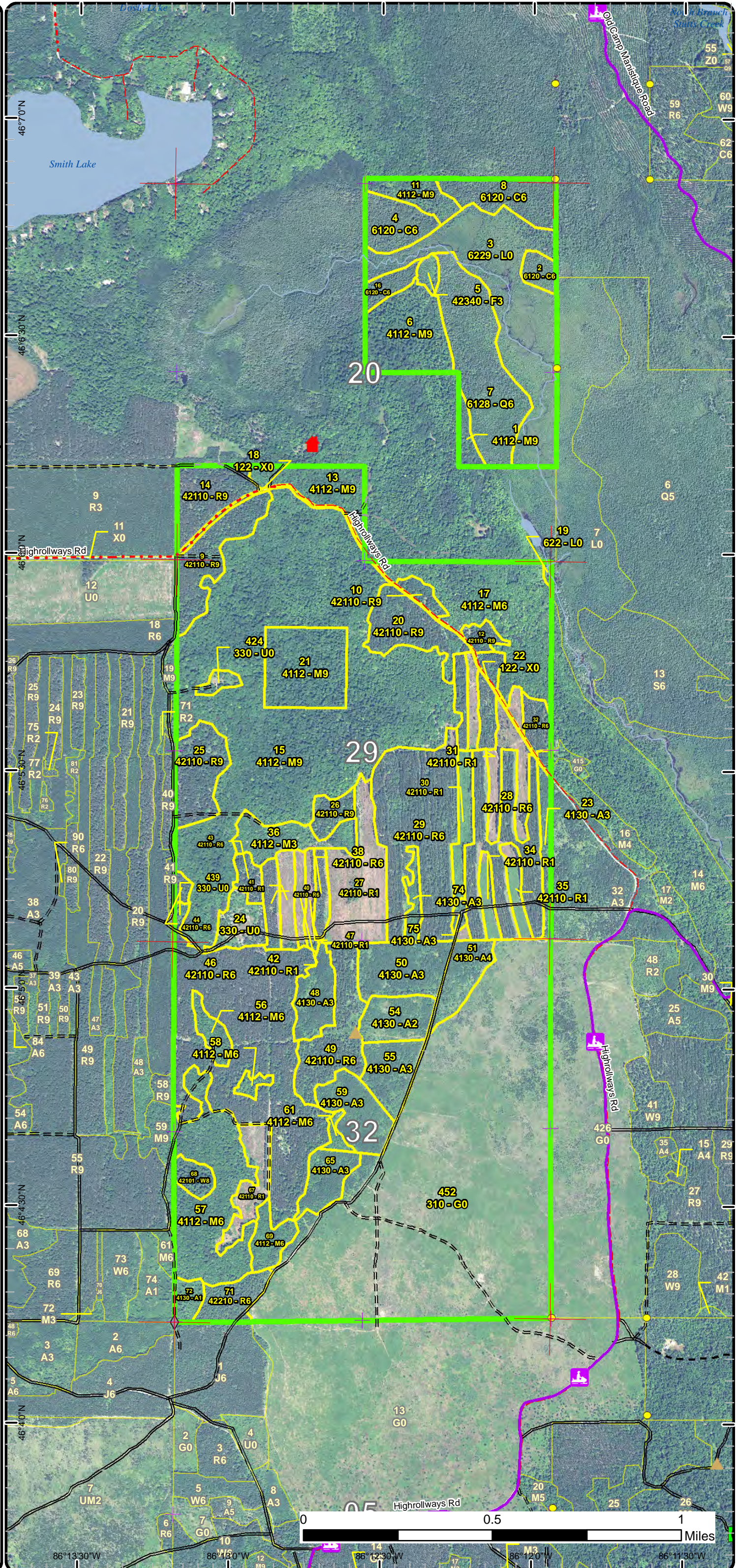
- Miris Corners
- ⊕ Remonumented Section Corners
- Survey Grade Corners
- ◆ Field Grade Corners
- Counties
- == DNR - Secondary Forest Road
- == DNR - Forest Access Route
- - - Federal / State - Dirt / Gravel Road
- - - County - Gravel Road
- - - County - Dirt Road (Seasonal)
- - - Private - Dirt / Gravel Road
- 🚙 Snowmobile Trails
- 🚙 Designated Snowmobile Trails
- 🌊 Lake/Pond
- 🌊 Perennial River
- 🌊 Lakes and Rivers All
- 🏠 Cabin
- 🏠 Berms
- 🏠 Structures
- 🟩 Compartment Boundary
- 🟩 Treatments with Site Conditions
- 🟩 Selection (Group, Single Tree)
- 🟩 Clearcut (w/Reserves)
- 🟩 Pesticide
- 🟩 Seed Tree (w/Reserves)
- 🟩 Thinning (Crown, Low, Systematic)
- 🟩 Regeneration Survey
- 🟩 Monitoring
- 🟩 411 - Northern Hardwood
- 🟩 413 - Aspen
- 🟩 421 - Planted Pines
- 🟩 422 - Natural Pines
- 🟩 423 - Other Upland Conifers
- 🟩 612 - Lowland Coniferous Forest
- 🟩 122 - Roads/Parking Lot
- 🟩 310 - Herbaceous Openland
- 🟩 330 - Low Density Trees
- 🟩 622 - Lowland Shrub
- 🟩 Lakes

# Stand Boundary Map

Compartment: 59  
 T43N,R15W, Sec: 20, 29, 32  
 County: Schoolcraft  
 Unit: Shingleton  
 Mgmt Area: Hiawatha Moraine  
 YOE: 2019  
 Acres: 1,566 GIS Calculated  
 Examiner: Tori Irving  
 Map Revised: 7/30/2018  
 Map Phase: Post Review

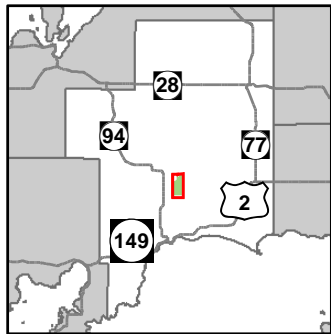


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- ◆ Field Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Snowmobile Trails
- Designated Snowmobile Trails
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- Cabin
- ▲ Berms
- Structures
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub

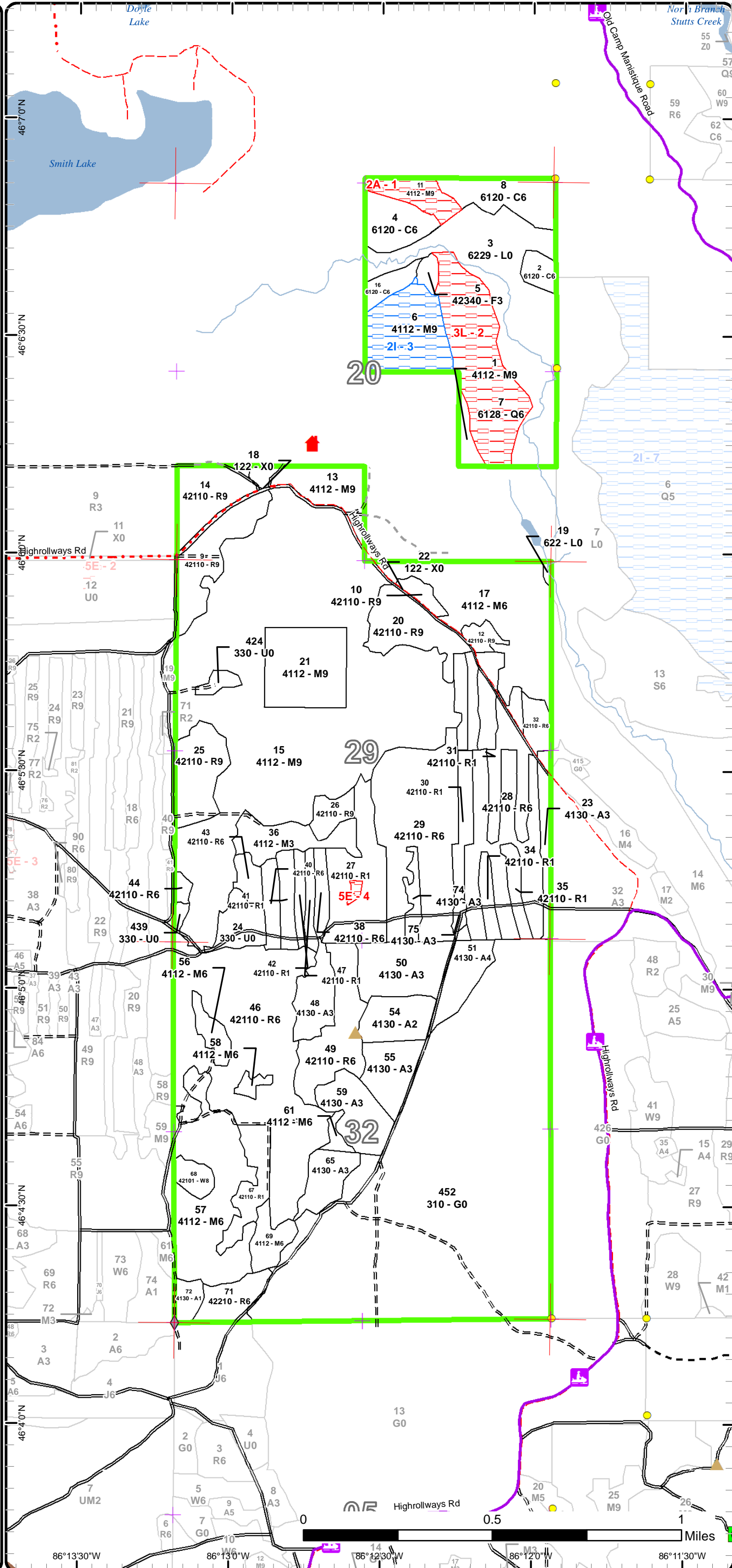


# Special Conservation Areas & Site Conditions Map

Compartment: 59  
 T43N,R15W, Sec: 20, 29, 32  
 County: Schoolcraft  
 Unit: Shingleton  
 Mgmt Area: Hiawatha Moraine  
 YOE: 2019  
 Acres: 1,566 GIS Calculated  
 Examiner: Tori Irving  
 Map Revised: 7/30/2018  
 Map Phase: Post Review



- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- ◆ Field Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Snowmobile Trails
- Designated Snowmobile Trails
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- ▲ Cabin
- ▲ Berms
- ▲ Structures
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2I: Survey needed
- 2A: Adjacent landowner denied access
- 3L: Other wildlife concerns
- 5E: Long-Term Retention
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes



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          | 5          | 38        | 60        | 9        | 13        | 0         | 0          | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0           | 124         |
| Cedar               | 0          | 0          | 0         | 0         | 0        | 0         | 0         | 0          | 0         | 0         | 0        | 0        | 42        | 0        | 0        | 0        | 0        | 0           | 42          |
| Herbaceous Openland | 298        | 0          | 0         | 0         | 0        | 0         | 0         | 0          | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0           | 298         |
| Low-Density Trees   | 15         | 0          | 0         | 0         | 0        | 0         | 0         | 0          | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0           | 15          |
| Lowland Conifers    | 0          | 0          | 0         | 0         | 0        | 0         | 0         | 0          | 45        | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0           | 45          |
| Lowland Shrub       | 75         | 0          | 0         | 0         | 0        | 0         | 0         | 0          | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0           | 74          |
| Northern Hardwood   | 0          | 0          | 0         | 16        | 0        | 0         | 0         | 13         | 6         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 444         | 479         |
| Red Pine            | 0          | 102        | 0         | 0         | 0        | 0         | 99        | 243        | 11        | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 20          | 475         |
| Upland Spruce/Fir   | 0          | 0          | 3         | 0         | 0        | 0         | 0         | 0          | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0           | 3           |
| Urban               | 5          | 0          | 0         | 0         | 0        | 0         | 0         | 0          | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0           | 5           |
| White Pine          | 0          | 0          | 0         | 0         | 0        | 0         | 0         | 0          | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 5           | 5           |
| <b>Total</b>        | <b>393</b> | <b>107</b> | <b>41</b> | <b>76</b> | <b>9</b> | <b>13</b> | <b>99</b> | <b>256</b> | <b>17</b> | <b>45</b> | <b>0</b> | <b>0</b> | <b>42</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>469</b>  | <b>1565</b> |



## Report 2 – Treatment Summary

Shingleton Mgt. Unit

Year of Entry: 2019

Acres of Harvest

Compartment 59

Total Compartment Acres: 1,566

Commercial Harvest - 429  
 Harvests with Site Condition - 28  
 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 |
|-------------------|-----------|------------|----------------|-----------|-------------|------------|-------------------|----------|----------|-------------|
| Low-Density Trees | 1         | 0          | 0              | 0         | 0           | 0          | 0                 | 0        | 0        | 1           |
| Northern Hardwood | 0         | 101        | 0              | 0         | 0           | 0          | 0                 | 0        | 0        | 101         |
| Red Pine          | 15        | 0          | 0              | 0         | 0           | 334        | 0                 | 0        | 0        | 349         |
| White Pine        | 0         | 0          | 0              | 5         | 0           | 0          | 0                 | 0        | 0        | 5           |
| <b>Total</b>      | <b>16</b> | <b>101</b> | <b>0</b>       | <b>5</b>  | <b>0</b>    | <b>334</b> | <b>0</b>          | <b>0</b> | <b>0</b> | <b>457</b>  |

### Proposed and Next Step Treatments by Method

|              | Harvest    | Site Prep | Planting  | Seeding  | Burning    | Pesticide  | Monitoring | Other    | Non-Forest Mgt. | Total Acres |
|--------------|------------|-----------|-----------|----------|------------|------------|------------|----------|-----------------|-------------|
| Current      | 457        | 0         | 0         | 0        | 0          | 298        | 146        | 0        | 0               | 901         |
| Next Step    | 0          | 11        | 11        | 0        | 298        | 11         | 432        | 0        | 0               | 763         |
| <b>Total</b> | <b>457</b> | <b>11</b> | <b>11</b> | <b>0</b> | <b>298</b> | <b>309</b> | <b>578</b> | <b>0</b> | <b>0</b>        | <b>1664</b> |



| S<br>t<br>a<br>n<br>d | Treatment Name | Acres | Stand CoverType          | Size Density   | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective     | Age Structure | Approval Status      |
|-----------------------|----------------|-------|--------------------------|----------------|-----------|----------|----------------|------------------|--------------------------|---------------|----------------------|
| 20                    | 41059000-Cut   | 19.9  | 42110 - Planted Red Pine | Sawtimber Well | 58        | 111-140  | Harvest        | Low Thinning     | 42110 - Planted Red Pine | Even-Aged     | Draft Field Boundary |

**Habitat Cut: No****Site Condition:**

Prescription Thin stand to improve spacing for smaller diameter trees and to maximize diameter growth. Some areas of the stand will have a residual BA  
Specs: lower than 120.

Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Proposed Start Date: 10/01/2018

|    |                  |      |                          |                |    |      |            |               |                          |           |                      |
|----|------------------|------|--------------------------|----------------|----|------|------------|---------------|--------------------------|-----------|----------------------|
| 32 | 41059000-Monitor | 30.2 | 42110 - Planted Red Pine | Poetimber Well | 67 | 1-50 | Monitoring | Herbicide Use | 42110 - Planted Red Pine | Even-Aged | Draft Field Boundary |
|----|------------------|------|--------------------------|----------------|----|------|------------|---------------|--------------------------|-----------|----------------------|

**Habitat Cut: No****Site Condition:**

Prescription Monitor stand for future herbicide work to reduce competition for red pine. Refer to FTP C41-1443.  
Specs:

Next Step  
Treatments:

Acceptable Red pine  
Regen:

Other  
Comment:

Proposed Start Date: 06/20/2017

|   |              |      |   |                |    |       |         |                       |                         |             |                      |
|---|--------------|------|---|----------------|----|-------|---------|-----------------------|-------------------------|-------------|----------------------|
| 6 | 41059006-Cut | 28.3 | 4112 - Maple, Beech, Cherry Association | Sawtimber Well | 86 | 51-80 | Harvest | Single Tree Selection | 411 - Northern Hardwood | Uneven-Aged | Draft Field Boundary |
|---|--------------|------|---|----------------|----|-------|---------|-----------------------|-------------------------|-------------|----------------------|

**Habitat Cut: No****Site Condition: Survey Needed**

Prescription Thin stand using the guidelines in the Compleat Marker. Create some canopy gaps to promote advanced regeneration.  
Specs:

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

Acceptable Northern hardwood species  
Regen:

Other  
Comment:

Proposed Start Date: 10/01/2018

|   |              |      |                          |                |    |       |         |                |                         |           |                      |
|---|--------------|------|--------------------------|----------------|----|-------|---------|----------------|-------------------------|-----------|----------------------|
| 9 | 41059009-Cut | 21.1 | 42110 - Planted Red Pine | Sawtimber Well | 57 | 51-80 | Harvest | Crown Thinning | 4211 - Planted Red Pine | Even-Aged | Draft Field Boundary |
|---|--------------|------|--------------------------|----------------|----|-------|---------|----------------|-------------------------|-----------|----------------------|

**Habitat Cut: No****Site Condition:**

Prescription Thin stand to improve spacing for smaller diameter trees and to maximize diameter growth. Some parts of the stand will be below a residual of  
Specs: 120 BA.

Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Proposed Start Date: 10/01/2018





| S<br>t<br>a<br>n<br>d | Treatment<br>Name | Acres | Stand<br>CoverType          | Size<br>Density   | Stand<br>Age | BA<br>Range | Treatment<br>Type | Treatment<br>Method        | Cover Type<br>Objective                       | Age<br>Structure | Approval<br>Status      |
|-----------------------|-------------------|-------|-----------------------------|-------------------|--------------|-------------|-------------------|----------------------------|---|------------------|-------------------------|
| 10                    | 41059010-Cut      | 3.9   | 42110 - Planted<br>Red Pine | Sawtimber<br>Well | 58           | 51-80       | Harvest           | Clearcut with<br>Retention | 4112 - Maple,<br>Beech, Cherry<br>Association | Uneven-<br>Aged  | Draft Field<br>Boundary |

**Habitat Cut: No****Site Condition:**

Prescription Clearcut the stand. Leave a few scattered residual red pine in the stand.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable A mix of species currently found on-site.

Regen:

Other This stand will be converted to Maple.Beech, Cherry Association from Red Pine plantation.

Comment:

Proposed Start Date: 10/01/2018

|    |              |     |                             |                   |    |             |         |                            |   |                 |                         |
|----|--------------|-----|-----------------------------|-------------------|----|-------------|---------|----------------------------|---|-----------------|-------------------------|
| 12 | 41059012-Cut | 3.9 | 42110 - Planted<br>Red Pine | Sawtimber<br>Well | 58 | 111-<br>140 | Harvest | Clearcut with<br>Retention | 4112 - Maple,<br>Beech, Cherry<br>Association | Uneven-<br>Aged | Draft Field<br>Boundary |
|----|--------------|-----|-----------------------------|-------------------|----|-------------|---------|----------------------------|---|-----------------|-------------------------|

**Habitat Cut: No****Site Condition:**

Prescription Leave a few scattered red pine through out the stand.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable A mix of species currently found on-site.

Regen:

Other This stand is being converted from Red Pine plantation to Maple, Beech, Cherry Association.

Comment:

Proposed Start Date: 10/01/2018

|    |              |      |   |                   |    |        |         |                          |                            |                 |                         |
|----|--------------|------|---|-------------------|----|--------|---------|--------------------------|----------------------------|-----------------|-------------------------|
| 13 | 41059013-Cut | 17.9 | 4112 - Maple,<br>Beech, Cherry<br>Association | Sawtimber<br>Well | 86 | 81-110 | Harvest | Single Tree<br>Selection | 411 - Northern<br>Hardwood | Uneven-<br>Aged | Draft Field<br>Boundary |
|----|--------------|------|---|-------------------|----|--------|---------|--------------------------|----------------------------|-----------------|-------------------------|

**Habitat Cut: No****Site Condition:**

Prescription Thin stand using the guidelines in the Compleat Marker. Create some canopy gaps to promote advanced regeneration.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable A mix of species currently found on-site.

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

|    |              |      |                             |                   |    |        |         |                |                            |           |                         |
|----|--------------|------|-----------------------------|-------------------|----|--------|---------|----------------|----------------------------|-----------|-------------------------|
| 14 | 41059014-Cut | 18.0 | 42110 - Planted<br>Red Pine | Sawtimber<br>Well | 57 | 81-110 | Harvest | Crown Thinning | 4211 - Planted<br>Red Pine | Even-Aged | Draft Field<br>Boundary |
|----|--------------|------|-----------------------------|-------------------|----|--------|---------|----------------|----------------------------|-----------|-------------------------|

**Habitat Cut: No****Site Condition:**

Prescription Thin stand to improve spacing for smaller diameter trees and to maximize diameter growth. Some parts of the stand will be below a residual of 120 BA.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018



| S<br>t<br>a<br>n<br>d | Treatment Name   | Acres | Stand CoverType                         | Size Density   | Stand Age | BA Range | Treatment Type | Treatment Method             | Cover Type Objective    | Age Structure | Approval Status      |
|-----------------------|------------------|-------|---|----------------|-----------|----------|----------------|------------------------------|-------------------------|---------------|----------------------|
| 21                    | 41059015-Monitor | 29.6  | 4112 - Maple, Beech, Cherry Association | Sawtimber Well | 86        | 51-80    | Monitoring     | Natural Regen (Intermediate) | 411 - Northern Hardwood | Uneven-Aged   | Draft Field Boundary |

**Habitat Cut: No****Site Condition:**

Prescription Performed under the MSU research guidance.

Specs:

Next Step

Treatments:

Acceptable Northern hardwood species

Regen:

Other Percent to Treat = 100%

Comment:

Proposed Start Date: 02/14/2018

|    |              |      |                          |                |    |         |         |              |                          |           |                      |
|----|--------------|------|--------------------------|----------------|----|---------|---------|--------------|--------------------------|-----------|----------------------|
| 25 | 41059025-Cut | 19.0 | 42110 - Planted Red Pine | Sawtimber Well | 58 | 111-140 | Harvest | Low Thinning | 42110 - Planted Red Pine | Even-Aged | Draft Field Boundary |
|----|--------------|------|--------------------------|----------------|----|---------|---------|--------------|--------------------------|-----------|----------------------|

**Habitat Cut: No****Site Condition:**

Prescription Thin the thicker areas of the stand to a residual of 120 BA. Some areas may be below the target of 120 BA and the overall BA may be lower.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

|    |              |     |                          |                |    |         |         |              |                          |           |                      |
|----|--------------|-----|--------------------------|----------------|----|---------|---------|--------------|--------------------------|-----------|----------------------|
| 26 | 41059026-Cut | 6.4 | 42110 - Planted Red Pine | Sawtimber Well | 58 | 111-140 | Harvest | Low Thinning | 42110 - Planted Red Pine | Even-Aged | Draft Field Boundary |
|----|--------------|-----|--------------------------|----------------|----|---------|---------|--------------|--------------------------|-----------|----------------------|

**Habitat Cut: No****Site Condition:**

Prescription Thin stand to improve spacing for smaller diameter trees and to maximize diameter growth. Some areas of the stand will have a residual BA

Specs: lower than 120.

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

|    |                  |      |                          |              |   |          |            |               |                         |           |                      |
|----|------------------|------|--------------------------|--------------|---|----------|------------|---------------|-------------------------|-----------|----------------------|
| 27 | 41059027-Monitor | 30.6 | 42110 - Planted Red Pine | Sapling Poor | 6 | Immature | Monitoring | Herbicide Use | 4211 - Planted Red Pine | Even-Aged | Draft Field Boundary |
|----|------------------|------|--------------------------|--------------|---|----------|------------|---------------|-------------------------|-----------|----------------------|

**Habitat Cut: No****Site Condition:**

Prescription Monitor stand for future herbicide work to reduce competition for red pine. Refer to FTP C41-1443.

Specs:

Next Step

Treatments:

Acceptable Red Pine

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018



| S<br>t<br>a<br>n<br>d | Treatment<br>Name | Acres | Stand<br>CoverType          | Size<br>Density    | Stand<br>Age | BA<br>Range | Treatment<br>Type | Treatment<br>Method | Cover Type<br>Objective     | Age<br>Structure | Approval<br>Status      |
|-----------------------|-------------------|-------|-----------------------------|--------------------|--------------|-------------|-------------------|---------------------|-----------------------------|------------------|-------------------------|
| 28                    | 41059028-Cut      | 39.2  | 42110 - Planted<br>Red Pine | Poletimber<br>Well | 67           | 111-<br>140 | Harvest           | Low Thinning        | 42110 - Planted<br>Red Pine | Even-Aged        | Draft Field<br>Boundary |

**Habitat Cut: No****Site Condition:**

Prescription Thin stand to improve spacing for smaller diameter trees and to maximize diameter growth. Some areas of the stand will have a residual BA  
Specs: lower than 120.

Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Proposed Start Date: 10/01/2018

|    |              |      |                             |                    |    |        |         |              |                             |           |                         |
|----|--------------|------|-----------------------------|--------------------|----|--------|---------|--------------|-----------------------------|-----------|-------------------------|
| 29 | 41059029-Cut | 61.0 | 42110 - Planted<br>Red Pine | Poletimber<br>Well | 67 | 81-110 | Harvest | Low Thinning | 42110 - Planted<br>Red Pine | Even-Aged | Draft Field<br>Boundary |
|----|--------------|------|-----------------------------|--------------------|----|--------|---------|--------------|-----------------------------|-----------|-------------------------|

**Habitat Cut: No****Site Condition:**

Prescription Thin stand to improve spacing for smaller diameter trees and to maximize diameter growth. Some areas of the stand will have a residual BA  
Specs: lower than 120.

Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Proposed Start Date: 10/01/2018

|    |                      |      |                             |                 |   |              |            |               |                             |           |                         |
|----|----------------------|------|-----------------------------|-----------------|---|--------------|------------|---------------|-----------------------------|-----------|-------------------------|
| 30 | 41059030-<br>Monitor | 10.0 | 42110 - Planted<br>Red Pine | Sapling<br>Poor | 6 | Immatu<br>re | Monitoring | Herbicide Use | 42110 - Planted<br>Red Pine | Even-Aged | Draft Field<br>Boundary |
|----|----------------------|------|-----------------------------|-----------------|---|--------------|------------|---------------|-----------------------------|-----------|-------------------------|

**Habitat Cut: No****Site Condition:**

Prescription Monitor stand for future herbicide work to reduce competition for red pine. Refer to FTP C41-1443.  
Specs:

Next Step  
Treatments:

Acceptable Red pine  
Regen:

Other  
Comment:

Proposed Start Date: 06/20/2017

|    |                      |     |                             |                 |   |              |            |               |                            |           |                         |
|----|----------------------|-----|-----------------------------|-----------------|---|--------------|------------|---------------|----------------------------|-----------|-------------------------|
| 31 | 41059031-<br>Monitor | 5.2 | 42110 - Planted<br>Red Pine | Sapling<br>Poor | 6 | Immatu<br>re | Monitoring | Herbicide Use | 4211 - Planted<br>Red Pine | Even-Aged | Draft Field<br>Boundary |
|----|----------------------|-----|-----------------------------|-----------------|---|--------------|------------|---------------|----------------------------|-----------|-------------------------|

**Habitat Cut: No****Site Condition:**

Prescription Monitor stand for future herbicide work to reduce competition for red pine. Refer to FTP C41-1443.  
Specs:

Next Step  
Treatments:

Acceptable Red pine  
Regen:

Other  
Comment:

Proposed Start Date: 06/20/2017



| S<br>t<br>a<br>n<br>d | Treatment Name   | Acres | Stand CoverType          | Size Density | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective     | Age Structure | Approval Status      |
|-----------------------|------------------|-------|--------------------------|--------------|-----------|----------|----------------|------------------|--------------------------|---------------|----------------------|
| 31                    | 41059033-Monitor | 5.0   | 42110 - Planted Red Pine | Sapling Poor | 6         | Immature | Monitoring     | Herbicide Use    | 42110 - Planted Red Pine | Even-Aged     | Draft Field Boundary |

**Habitat Cut: No****Site Condition:**

Prescription Monitor stand for future herbicide work to reduce competition for red pine. Refer to FTP C41-1443.

Specs:

Next Step  
Treatments:

Acceptable Red pine.  
Regen:

Other  
Comment:

Proposed Start Date: 06/20/2017

|    |                  |     |                          |              |   |          |            |               |                         |           |                      |
|----|------------------|-----|--------------------------|--------------|---|----------|------------|---------------|-------------------------|-----------|----------------------|
| 34 | 41059034-Monitor | 5.1 | 42110 - Planted Red Pine | Sapling Poor | 6 | Immature | Monitoring | Herbicide Use | 4211 - Planted Red Pine | Even-Aged | Draft Field Boundary |
|----|------------------|-----|--------------------------|--------------|---|----------|------------|---------------|-------------------------|-----------|----------------------|

**Habitat Cut: No****Site Condition:**

Prescription Monitor stand for future herbicide work to reduce competition for red pine. Refer to FTP C41-1443.

Specs:

Next Step  
Treatments:

Acceptable Red pine  
Regen:

Other  
Comment:

Proposed Start Date: 06/20/2017

|    |                  |     |                          |              |   |          |            |               |                         |           |                      |
|----|------------------|-----|--------------------------|--------------|---|----------|------------|---------------|-------------------------|-----------|----------------------|
| 35 | 41059035-Monitor | 5.8 | 42110 - Planted Red Pine | Sapling Poor | 6 | Immature | Monitoring | Herbicide Use | 4211 - Planted Red Pine | Even-Aged | Draft Field Boundary |
|----|------------------|-----|--------------------------|--------------|---|----------|------------|---------------|-------------------------|-----------|----------------------|

**Habitat Cut: No****Site Condition:**

Prescription Monitor stand for future herbicide work to reduce competition for red pine. Refer to FTP C41-1443.

Specs:

Next Step  
Treatments:

Acceptable Red pine  
Regen:

Other  
Comment:

Proposed Start Date: 06/20/2017

|    |              |     |                          |                 |    |        |         |              |                          |           |                      |
|----|--------------|-----|--------------------------|-----------------|----|--------|---------|--------------|--------------------------|-----------|----------------------|
| 38 | 41059038-Cut | 5.2 | 42110 - Planted Red Pine | Poletimber Well | 67 | 81-110 | Harvest | Low Thinning | 42110 - Planted Red Pine | Even-Aged | Draft Field Boundary |
|----|--------------|-----|--------------------------|-----------------|----|--------|---------|--------------|--------------------------|-----------|----------------------|

**Habitat Cut: No****Site Condition:**

Prescription Thin the thicker areas of the stand to a residual of 120 BA. Some areas may be below the target of 120 BA and the overall BA will be lower.

Specs:

Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Proposed Start Date: 10/01/2018



| S<br>t<br>a<br>n<br>d | Treatment<br>Name | Acres | Stand<br>CoverType          | Size<br>Density   | Stand<br>Age | BA<br>Range | Treatment<br>Type | Treatment<br>Method | Cover Type<br>Objective     | Age<br>Structure | Approval<br>Status      |
|-----------------------|-------------------|-------|-----------------------------|-------------------|--------------|-------------|-------------------|---------------------|-----------------------------|------------------|-------------------------|
| 40                    | 41059040-Cut      | 6.3   | 42110 - Planted<br>Red Pine | Poetimber<br>Well | 67           | 111-<br>140 | Harvest           | Low Thinning        | 42110 - Planted<br>Red Pine | Even-Aged        | Draft Field<br>Boundary |

**Habitat Cut: No****Site Condition:**

Prescription Thin the thicker areas of the stand to a residual of 120 BA. Some areas may be below the target of 120 BA and the overall BA will be lower.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Protect stand 24 from all harvesting operations.

Comment:

Proposed Start Date: 10/01/2018

|    |                      |     |                             |                 |   |              |            |               |                            |           |                         |
|----|----------------------|-----|-----------------------------|-----------------|---|--------------|------------|---------------|----------------------------|-----------|-------------------------|
| 41 | 41059041-<br>Monitor | 7.1 | 42110 - Planted<br>Red Pine | Sapling<br>Poor | 6 | Immatu<br>re | Monitoring | Herbicide Use | 4211 - Planted<br>Red Pine | Even-Aged | Draft Field<br>Boundary |
|----|----------------------|-----|-----------------------------|-----------------|---|--------------|------------|---------------|----------------------------|-----------|-------------------------|

**Habitat Cut: No****Site Condition:**

Prescription Monitor stand for future herbicide work to reduce competition for red pine. Refer to FTP C41-1443.

Specs:

Next Step

Treatments:

Acceptable Red pine

Regen:

Other

Comment:

Proposed Start Date: 06/23/2017

|    |                      |     |                             |                 |   |              |            |               |                            |           |                         |
|----|----------------------|-----|-----------------------------|-----------------|---|--------------|------------|---------------|----------------------------|-----------|-------------------------|
| 42 | 41059042-<br>Monitor | 4.4 | 42110 - Planted<br>Red Pine | Sapling<br>Poor | 6 | Immatu<br>re | Monitoring | Herbicide Use | 4211 - Planted<br>Red Pine | Even-Aged | Draft Field<br>Boundary |
|----|----------------------|-----|-----------------------------|-----------------|---|--------------|------------|---------------|----------------------------|-----------|-------------------------|

**Habitat Cut: No****Site Condition:**

Prescription Monitor stand for future herbicide work to reduce competition for red pine. Refer to FTP C41-1443.

Specs:

Next Step

Treatments:

Acceptable Red Pine

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

|    |              |     |                             |                   |    |        |         |              |                             |           |                         |
|----|--------------|-----|-----------------------------|-------------------|----|--------|---------|--------------|-----------------------------|-----------|-------------------------|
| 43 | 41059043-Cut | 4.7 | 42110 - Planted<br>Red Pine | Poetimber<br>Well | 58 | 81-110 | Harvest | Low Thinning | 42110 - Planted<br>Red Pine | Even-Aged | Draft Field<br>Boundary |
|----|--------------|-----|-----------------------------|-------------------|----|--------|---------|--------------|-----------------------------|-----------|-------------------------|

**Habitat Cut: No****Site Condition:**

Prescription Thin stand to improve spacing for smaller diameter trees and to maximize diameter growth. Some areas of the stand will have a residual BA

Specs: lower than 120.

Next Step

Treatments:

Acceptable

Regen:

Other Protect stand 24 from all harvesting operations.

Comment:

Proposed Start Date: 10/01/2018



| S<br>t<br>a<br>n<br>d | Treatment<br>Name | Acres | Stand<br>CoverType          | Size<br>Density   | Stand<br>Age | BA<br>Range | Treatment<br>Type | Treatment<br>Method | Cover Type<br>Objective     | Age<br>Structure | Approval<br>Status      |
|-----------------------|-------------------|-------|-----------------------------|-------------------|--------------|-------------|-------------------|---------------------|-----------------------------|------------------|-------------------------|
| 44                    | 41059044-Cut      | 2.0   | 42110 - Planted<br>Red Pine | Poetimber<br>Well | 58           | 111-<br>140 | Harvest           | Low Thinning        | 42110 - Planted<br>Red Pine | Even-Aged        | Draft Field<br>Boundary |

**Habitat Cut: No****Site Condition:**

Prescription Thin stand to improve spacing for smaller diameter trees and to maximize diameter growth. Some areas of the stand will have a residual BA  
Specs: lower than 120.

Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Proposed Start Date: 10/01/2018

|    |              |       |                             |                   |    |             |         |              |                             |           |                         |
|----|--------------|-------|-----------------------------|-------------------|----|-------------|---------|--------------|-----------------------------|-----------|-------------------------|
| 46 | 41059046-Cut | 105.4 | 42110 - Planted<br>Red Pine | Poetimber<br>Well | 60 | 111-<br>140 | Harvest | Low Thinning | 42110 - Planted<br>Red Pine | Even-Aged | Draft Field<br>Boundary |
|----|--------------|-------|-----------------------------|-------------------|----|-------------|---------|--------------|-----------------------------|-----------|-------------------------|

**Habitat Cut: No****Site Condition:**

Prescription Thin stand to improve spacing for smaller diameter trees and to maximize diameter growth. Some areas of the stand will have a residual BA  
Specs: lower than 120.

Next Step  
Treatments:

Acceptable  
Regen:

Other Protect stand 24 from all harvesting operations.  
Comment:

Proposed Start Date: 10/01/2018

|    |                      |     |                             |                 |   |               |            |               |                            |           |                         |
|----|----------------------|-----|-----------------------------|-----------------|---|---------------|------------|---------------|----------------------------|-----------|-------------------------|
| 47 | 41059047-<br>Monitor | 4.4 | 42110 - Planted<br>Red Pine | Sapling<br>Poor | 6 | Immatur<br>re | Monitoring | Herbicide Use | 4211 - Planted<br>Red Pine | Even-Aged | Draft Field<br>Boundary |
|----|----------------------|-----|-----------------------------|-----------------|---|---------------|------------|---------------|----------------------------|-----------|-------------------------|

**Habitat Cut: No****Site Condition:**

Prescription Monitor stand for future herbicide work to reduce competition for red pine. Refer to FTP C41-1443.  
Specs:

Next Step  
Treatments:

Acceptable Red Pine  
Regen:

Other  
Comment:

Proposed Start Date: 10/01/2018

|    |              |      |                             |                   |    |        |         |              |                             |           |                         |
|----|--------------|------|-----------------------------|-------------------|----|--------|---------|--------------|-----------------------------|-----------|-------------------------|
| 49 | 41059049-Cut | 25.8 | 42110 - Planted<br>Red Pine | Poetimber<br>Well | 60 | 81-110 | Harvest | Low Thinning | 42110 - Planted<br>Red Pine | Even-Aged | Draft Field<br>Boundary |
|----|--------------|------|-----------------------------|-------------------|----|--------|---------|--------------|-----------------------------|-----------|-------------------------|

**Habitat Cut: No****Site Condition:**

Prescription Thin the thicker areas of the stand to a residual of 120 BA. Some areas may be below the target of 120 BA and the overall BA may be lower.  
Specs:

Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Proposed Start Date: 10/01/2018



| S<br>t<br>a<br>n<br>d | Treatment<br>Name | Acres | Stand<br>CoverType                            | Size<br>Density    | Stand<br>Age | BA<br>Range | Treatment<br>Type | Treatment<br>Method | Cover Type<br>Objective    | Age<br>Structure | Approval<br>Status      |
|-----------------------|-------------------|-------|---|--------------------|--------------|-------------|-------------------|---------------------|----------------------------|------------------|-------------------------|
| 56                    | 41059056-Cut      | 6.1   | 4112 - Maple,<br>Beech, Cherry<br>Association | Poletimber<br>Well | 73           | 81-110      | Harvest           | Group Selection     | 411 - Northern<br>Hardwood | Uneven-<br>Aged  | Draft Field<br>Boundary |

**Habitat Cut: No****Site Condition:**

Prescription Create regeneration gaps to release advanced regeneration and to promote hardwood regeneration.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable A mix of species currently found onsite.

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

|    |              |      |   |                    |    |        |         |                          |                            |           |                         |
|----|--------------|------|---|--------------------|----|--------|---------|--------------------------|----------------------------|-----------|-------------------------|
| 57 | 41059057-Cut | 49.1 | 4112 - Maple,<br>Beech, Cherry<br>Association | Poletimber<br>Well | 86 | 81-110 | Harvest | Single Tree<br>Selection | 411 - Northern<br>Hardwood | Even-Aged | Draft Field<br>Boundary |
|----|--------------|------|---|--------------------|----|--------|---------|--------------------------|----------------------------|-----------|-------------------------|

**Habitat Cut: No****Site Condition:**

Prescription Mark stand according to the guidelines in the Compleat Marker. Make some canopy gaps to promote regeneration and to also release any advanced regeneration.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable A mix of species currently found onsite.

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

|    |                      |      |                             |                 |   |               |            |               |                             |           |                         |
|----|----------------------|------|-----------------------------|-----------------|---|---------------|------------|---------------|-----------------------------|-----------|-------------------------|
| 67 | 41059067-<br>Monitor | 13.1 | 42110 - Planted<br>Red Pine | Sapling<br>Poor | 6 | Immatur<br>re | Monitoring | Herbicide Use | 42110 - Planted<br>Red Pine | Even-Aged | Draft Field<br>Boundary |
|----|----------------------|------|-----------------------------|-----------------|---|---------------|------------|---------------|-----------------------------|-----------|-------------------------|

**Habitat Cut: No****Site Condition:**

Prescription Monitor stand for future herbicide work to reduce competition for red pine. Refer to FTP C41-1443.

Specs:

Next Step

Treatments:

Acceptable Red Pine

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

|    |              |     |   |                     |    |       |         |                             |                              |           |                         |
|----|--------------|-----|---|---------------------|----|-------|---------|-----------------------------|------------------------------|-----------|-------------------------|
| 68 | 41059068-Cut | 5.4 | 42101 - Planted<br>White Pine, Mixed<br>Deciduous | Sawtimber<br>Medium | 90 | 51-80 | Harvest | Seed Tree with<br>Retention | 4220 - Natural<br>White Pine | Even-Aged | Draft Field<br>Boundary |
|----|--------------|-----|---|---------------------|----|-------|---------|-----------------------------|------------------------------|-----------|-------------------------|

**Habitat Cut: No****Site Condition:**

Prescription Leave a few scattered white pine per acre to serve as seed trees. Residual BA should range between 10-30.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable White pine and a mix of northern hardwood species.

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018



| S<br>t<br>a<br>n<br>d | Treatment Name | Acres | Stand CoverType          | Size Density    | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective     | Age Structure | Approval Status      |
|-----------------------|----------------|-------|--------------------------|-----------------|-----------|----------|----------------|------------------|--------------------------|---------------|----------------------|
| 71                    | 41059071-Cut   | 11.0  | 42210 - Natural Red Pine | Poletimber Well | 76        | 111-140  | Harvest        | Clearcut         | 42110 - Planted Red Pine | Even-Aged     | Draft Field Boundary |

**Habitat Cut: No**                      **Site Condition:**

Prescription Cut all live and dead trees down to two inches. No retention should be left in the stand due to follow-up regeneration plan.

Specs:

Next Step SitePrep, Trenching; Planting, Initial Plant; Pesticide, Skidder/Mechanical; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)

Treatments:

Acceptable Red pine.

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

|     |              |     |                         |            |  |             |         |          |              |  |                      |
|-----|--------------|-----|-------------------------|------------|--|-------------|---------|----------|--------------|--|----------------------|
| 439 | 41059439-Cut | 1.4 | 330 - Low-Density Trees | Nonstocked |  | Unspecified | Harvest | Clearcut | 3102 - Grass |  | Draft Field Boundary |
|-----|--------------|-----|-------------------------|------------|--|-------------|---------|----------|--------------|--|----------------------|

**Habitat Cut: No**                      **Site Condition:**

Prescription Cut encroaching red maple and jack pine to maintain the grass opening.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Grass

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

|     |                |       |                           |            |  |             |           |        |                           |  |                      |
|-----|----------------|-------|---------------------------|------------|--|-------------|-----------|--------|---------------------------|--|----------------------|
| 452 | 41059452-Spray | 298.0 | 310 - Herbaceous Openland | Nonstocked |  | Unspecified | Pesticide | Aerial | 310 - Herbaceous Openland |  | Draft Field Boundary |
|-----|----------------|-------|---------------------------|------------|--|-------------|-----------|--------|---------------------------|--|----------------------|

**Habitat Cut: No**                      **Site Condition:**

Prescription Per 2019 Compartment Review, decision was made to herbicide site first, preferably aerial then monitor for effectiveness and timing of when to do

Specs: follow-up burn.  
Funded by WLD.

Next Step Monitoring, Herbicide Use; ; Burn, Opening

Treatments:

Acceptable

Regen:

Other Prescribed fire, farming (dozing, disking, raking, seeding (native or naturalized species only) fertilizing, liming), brushhog or herbicide removal of competing trees and/or establishment of native hard and soft mast producers such as red oak, crabapple or others according to ftp W41-1619 Stand will be herbicide and/or burned to remove competing trees to allow for establishment of native grasses as agreed upon at YOE 2019 compartment review according to ftp W41-1619.

Proposed Start Date: 10/01/2018

**Total Treatment Acreage Proposed: 909.5**



## Report 4 – Site Conditions

Shingleton Mgt. Unit

Tori Irving : Examiner

Compartment: 59

Year of Entry: 2019

### Availability for Management

| Total<br>Acres | Acres<br>Available | Acres Avail    |               | Dominant Site Conditions | Dominant Site Conditions |    |    |    |
|----------------|--------------------|----------------|---------------|--------------------------|--------------------------|----|----|----|
|                |                    | With Condition | Not Available |                          | 2I                       | 2A | 3L | 5E |
| 124            | 124                | 0              | 0             | Aspen                    |                          |    |    |    |
| 42             | 42                 | 0              | 0             | Cedar                    |                          |    |    |    |
| 298            | 298                | 0              | 0             | Herbaceous Openland      |                          |    |    |    |
| 15             | 15                 | 0              | 0             | Low-Density Trees        |                          |    |    |    |
| 45             | 0                  | 0              | 45            | Lowland Conifers         |                          |    | 45 |    |
| 75             | 75                 | 0              | 0             | Lowland Shrub            |                          |    |    |    |
| 479            | 441                | 28             | 10            | Northern Hardwood        | 28                       | 10 |    |    |
| 474            | 473                | 0              | 1             | Red Pine                 |                          |    |    | 1  |
| 3              | 3                  | 0              | 0             | Upland Spruce/Fir        |                          |    |    |    |
| 5              | 5                  | 0              | 0             | Urban                    |                          |    |    |    |
| 5              | 5                  | 0              | 0             | White Pine               |                          |    |    |    |
| 1,566          | 1,481              | 28             | 56            | Total Forested Acres     | 28                       | 10 | 45 | 1  |
|                | 95%                | 2%             | 4%            | 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 |
|-----------|---------------------------------|--------------------------------------|-------|----------------------|----------------------|----------------------|----------------------|
| 1         | Unavailable                     | 2A: Adjacent landowner denied access | 10    | Unspecified          | Unspecified          | Unspecified          | Unspecified          |
| Comments: |                                 |                                      |       |                      |                      |                      |                      |
| 2         | Unavailable                     | 3L: Other wildlife concerns          | 45    | 2I: Survey needed    | Unspecified          | Unspecified          | Unspecified          |
| Comments: |                                 |                                      |       |                      |                      |                      |                      |
| 3         | Available                       | 2I: Survey needed                    | 28    | Unspecified          | Unspecified          | Unspecified          | Unspecified          |
| Comments: |                                 |                                      |       |                      |                      |                      |                      |

**Report 4 – Site Conditions**

**Shingleton Mgt. Unit**

**Tori Irving : Examiner**

**Compartment: 59**

**Year of Entry: 2019**

|                  |             |                         |   |             |             |             |             |
|------------------|-------------|-------------------------|---|-------------|-------------|-------------|-------------|
| 4                | Unavailable | 5E: Long-Term Retention | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b> |             |                         |   |             |             |             |             |

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 |
|----------|--------------|-------------|----------------|-------|
|----------|--------------|-------------|----------------|-------|

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Comments

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**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   |
|-------------------|-------------------|---|
| SCA               | Cold Water Lake   | A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200. |
| 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     | 4112 - Maple, Beech, Cherry Association    | Sawtimber Well  | 4.6   | 81        | 51-80    |  |
| 2     | 6120 - Lowland Cedar                       | Poletimber Well | 5.1   | 114       | 141-170  |  |
| 4     | 6120 - Lowland Cedar                       | Poletimber Well | 14.0  | 114       | 171-200  |  |
| 5     | 42340 - Upland Spruce/Fir                  | Sapling Well    | 2.9   | 17        | Immature | Stand was cut in the winter of 2001 part of Hammerdown Hardwood.   |
| 6     | 4112 - Maple, Beech, Cherry Association    | Sawtimber Well  | 28.3  | 86        | 51-80    |  |
| 7     | 6128 - Lowland Coniferous, Mixed Deciduous | Poletimber Well | 45.4  | 88        | 81-110   | OPIC - FMD: More BA and hardwoods near transition zone. Soils are Carbondale, Lupton Tawas Muck.   |
| 8     | 6120 - Lowland Cedar                       | Poletimber Well | 17.6  | 114       | 171-200  |  |
| 9     | 42110 - Planted Red Pine                   | Sawtimber Well  | 21.1  | 57        | 51-80    | [9/29/09 BB] Stand is now on proposal 41-006-09-01 Camp 9 Pine, Unit 11, 23 acres. Residual BA = Red Pine 75 sq ft, cherry 1 sq ft, white pine 5 sq ft<br><br>[7/19/11 AP] Sale is now closed, TCR date is 7/18/11. Cut spring 2011. |
| 10    | 42110 - Planted Red Pine                   | Sawtimber Well  | 3.9   | 58        | 51-80    | [9/28/09 BB] Stand is now on proposal, 41-008-09 High Rollways Pine, Unit 1, 3 acres. Residual Basal Area = red pine 65 sq ft<br><br>[7/19/11 AP] Sale is now closed, TCR date is 7/18/11. Cut spring 2011.                          |
| 11    | 4112 - Maple, Beech, Cherry Association    | Sawtimber Well  | 10.0  | 91        | 111-140  |  |
| 12    | 42110 - Planted Red Pine                   | Sawtimber Well  | 3.9   | 58        | 111-140  | [9/28/09 BB] Stand is now on proposal, 41-008-09 High Rollways Pine, Unit 1, 4 acres. Residual Basal Area = red pine 83 sq ft<br><br>[7/19/11 AP] Sale is now closed, TCR date is 7/18/11. Cut spring 2011.                          |
| 13    | 4112 - Maple, Beech, Cherry Association    | Sawtimber Well  | 17.9  | 86        | 81-110   |  |
| 14    | 42110 - Planted Red Pine                   | Sawtimber Well  | 18.0  | 57        | 81-110   | [9/29/09 BB] Stand is now on proposal 41-006-09-01 Camp 9 Pine, Unit 10, 17 acres. Residual BA = Red Pine 100 sq ft, white pine 1 sq ft<br><br>[7/19/11 AP] Sale is now closed, TCR date is 7/18/11. Cut spring 2011.                |



| Stand | Level 4 Cover Type                      | Size Density    | Acres | Stand Age | BA Range | General Comments:  |
|-------|---|-----------------|-------|-----------|----------|--|
| 15    | 4112 - Maple, Beech, Cherry Association | Sawtimber Well  | 251.2 | 86        | 81-110   |  |
| 16    | 6120 - Lowland Cedar                    | Poletimber Well | 5.7   | 114       | 171-200  |  |
| 17    | 4112 - Maple, Beech, Cherry Association | Poletimber Well | 53.4  | 86        | 81-110   |  |
| 20    | 42110 - Planted Red Pine                | Sawtimber Well  | 19.9  | 58        | 111-140  |  |
| 21    | 4112 - Maple, Beech, Cherry Association | Sawtimber Well  | 29.5  | 86        | 51-80    | Part of this stand was cut with Little Mer-Maple MWR Sale #41-009-17-01.   |
| 23    | 4130 - Aspen                            | Sapling Well    | 8.5   | 30        | Immature |  |
| 25    | 42110 - Planted Red Pine                | Sawtimber Well  | 19.0  | 58        | 111-140  | [9/28/09 BB] Stand is now on proposal, 41-008-09 High Rollways Pine, Unit 7, 18 acres. Residual Basal Area = red pine 115 sq ft, cherry 3 sq ft, jack pine 3 sq ft<br><br>[7/19/11 AP] Sale is now closed, TCR date is 7/18/11. Cut spring 2011.   |
| 26    | 42110 - Planted Red Pine                | Sawtimber Well  | 6.4   | 58        | 111-140  |  |
| 27    | 42110 - Planted Red Pine                | Sapling Poor    | 30.6  | 6         | Immature | [9/28/09 BB] Stand is now on proposal, 41-008-09 High Rollways Pine, Unit 6, 31 acres. 1 acre retention patch in center of stand as well as exclusion of red pine on north with paint line. FTP C41-1443 submitted for red pine planting<br><br>[7/19/11 AP] Sale is now closed, TCR date is 7/18/11. Cut spring 2011. Stand is on regeneration timeclock.<br><br>(7/20/2016 AP) Stand was sprayed with Velpar 6/26/2016 via helicopter.<br><br>(8/20/2012 AP). Stand was herbicide site prep sprayed by skidder with Garlon/Oust.<br>(6/10/2013 AP): Stand was trenched and then planted in spring 2013. Regen check scheduled for 2014.<br><br>Year 1 regeneration count 676 red pine, 53 jack pine, 8 white pine. Year 3 counts 575 red pine, 195 jack pine, 5 white pine. FTP is being kept open for herbicide work. |
| 28    | 42110 - Planted Red Pine                | Poletimber Well | 39.2  | 67        | 111-140  | [9/28/09 BB] Stand is now on proposal, 41-008-09 High Rollways Pine, Unit 3, 37 acres. Residual Basal Area = red pine 112 sq ft, jack pine 6 sq ft, aspen 3 sq ft<br><br>[5/7/2014 TI] Stand was cut as part of Sale #41-008-09-01 High Rollways Pine. Sale is now closed. TCR date 7/18/2011.   |



| Stand | Level 4 Cover Type       | Size Density    | Acres | Stand Age | BA Range | General Comments:   |
|-------|--------------------------|-----------------|-------|-----------|----------|---|
| 29    | 42110 - Planted Red Pine | Poletimber Well | 61.0  | 67        | 81-110   | <p>[9/28/09 BB] Stand is now on proposal, 41-008-09 High Rollways Pine, Unit 5, 57 acres. Residual Basal Area = red pine 91 sq ft, red maple 1 sq ft, white pine 1 sq ft, jack pine 8 sq ft, aspen 5 sq ft, white birch 1 sq ft</p> <p>[7/19/11 AP] Sale is now closed, TCR date is 7/18/11. Cut spring 2011.</p>   |
| 30    | 42110 - Planted Red Pine | Sapling Poor    | 10.0  | 6         | Immature | <p>[9/28/09 BB] Stand is now on proposal, 41-008-09 High Rollways Pine, Unit 4, 9 acres. No residual</p> <p>[2-10-10 JS] FTP was not submitted with the sale because there are no inmates available. Evaluate after sale for FTP needs and availability of WLD contract crew.</p> <p>Year 1 regen counts were 765 red pine, 58 jack pine, 11 white pine. a walkthrough was done in year 3 and everything was fine. FTP is being kept open for herbicide work.</p> <p>[7/19/11 AP] Sale is now closed, TCR date is 7/18/11. Cut spring 2011. Stand is on regeneration timeclock.</p> <p>(7/20/2016 AP) Stand was sprayed with Velpar 6/26/2016 via helicopter.</p>   |
| 31    | 42110 - Planted Red Pine | Sapling Poor    | 21.4  | 6         | Immature | <p>[9/28/09 BB] Stand is now on proposal, 41-008-09 High Rollways Pine, Unit 4, 6 acres. No residual. FTP C41-1443 submitted for red pine planting.[7/19/11 AP] Sale is now closed, TCR date is 7/18/11. Cut spring 2011. Stand is on regeneration timeclock.(7/20/2016 AP) Stand was sprayed with Velpar 6/26/2016 via helicopter.(8/20/2012 AP). Stand was herbicide site prep sprayed by skidder with Garlon/Oust.(6/10/2013 AP): Stand was trenched and then planted in spring 2013. Regen check scheduled for 2014.Year 1 regen count - 765 red pine, 58 jack pine, 11 white pine. Year 3 count was 650 red pine, 150 jack pine, 88 fir. FTP is being kept open for herbicide work.</p>                              |
| 32    | 42110 - Planted Red Pine | Poletimber Well | 19.5  | 67        | 1-50     |   |
| 34    | 42110 - Planted Red Pine | Sapling Poor    | 5.1   | 6         | Immature | <p>[9/28/09 BB] Stand is now on proposal, 41-008-09 High Rollways Pine, Unit 4, 6 acres. No Residual FTP C41-1443 submitted for red pine planting</p> <p>[7/19/11 AP] Sale is now closed, TCR date is 7/18/11. Cut spring 2011. Stand is on regeneration timeclock.</p> <p>(7/20/2016 AP) Stand was sprayed with Velpar 6/26/2016 via helicopter.</p> <p>(8/20/2012 AP). Stand was herbicide site prep sprayed by skidder with Garlon/Oust.</p> <p>(6/10/2013 AP): Stand was trenched and then planted in spring 2013. Regen check scheduled for 2014.</p> <p>Year 1 regen count - 765 red pine, 58 jack pine, 11 white pine. Year 3 count was 720 red pine, 90 jack pine. FTP is being kept open for herbicide work.</p> |



| Stand | Level 4 Cover Type                      | Size Density    | Acres | Stand Age | BA Range | General Comments:   |
|-------|---|-----------------|-------|-----------|----------|---|
| 35    | 42110 - Planted Red Pine                | Sapling Poor    | 5.8   | 6         | Immature | <p>[9/28/09 BB] Stand is now on proposal, 41-008-09 High Rollways Pine, Unit 4, 6 acres. No Residual FTP C41-1443 submitted for red pine planting</p> <p>[7/19/11 AP] Sale is now closed, TCR date is 7/18/11. Cut spring 2011. Stand is on regeneration timeclock.</p> <p>(7/20/2016 AP) Stand was sprayed with Velpar 6/26/2016 via helicopter.</p> <p>(8/20/2012 AP). Stand was herbicide site prep sprayed by skidder with Garlon/Oust.</p> <p>(6/10/2013 AP): Stand was trenched and then planted in spring 2013. Regen check scheduled for 2014.</p> <p>Year 1 regen counts: 765 red pine, 58 jack pine, 11 white pine.<br/>Year 3 counts - 910 red pine, 140 jack pine. FTP is being kept open for herbicide work.</p> |
| 36    | 4112 - Maple, Beech, Cherry Association | Sapling Well    | 15.8  | 25        | Immature |   |
| 38    | 42110 - Planted Red Pine                | Poletimber Well | 5.2   | 67        | 81-110   | <p>[9/28/09 BB] Stand is now on proposal, 41-008-09 High Rollways Pine, Unit 7, 5 acres. Residual Basal Area = red pine 110 sq ft</p> <p>[7/19/11 AP] Sale is now closed, TCR date is 7/18/11. Cut spring 2011.</p>   |
| 40    | 42110 - Planted Red Pine                | Poletimber Well | 6.3   | 67        | 111-140  | <p>[9/28/09 BB] Stand is now on proposal, 41-008-09 High Rollways Pine, Unit 7, 6 acres. Residual Basal Area = red pine 118 sq ft</p> <p>[7/19/11 AP] Sale is now closed, TCR date is 7/18/11. Cut spring 2011.</p>   |
| 41    | 42110 - Planted Red Pine                | Sapling Poor    | 7.1   | 6         | Immature | <p>[9/28/09 BB] Stand is now on proposal, 41-008-09 High Rollways Pine, Unit 8, 8 acres. No Residual FTP C41-1443 submitted for red pine planting</p> <p>[7/19/11 AP] Sale is now closed, TCR date is 7/18/11. Cut spring 2011. Stand is on regeneration timeclock.</p> <p>(6/10/2013 AP): Stand was trenched and then planted in spring 2013. Regen check scheduled for 2014.</p> <p>Year 1 regen counts were 905 red pine. a walkthrough was done in year 3 and everything was fine. FTP is being kept open for herbicide work.</p> <p>(7/20/2016 AP) Stand was sprayed with Velpar 6/26/2016 via helicopter.</p>   |





| Stand | Level 4 Cover Type       | Size Density    | Acres | Stand Age | BA Range | General Comments:   |
|-------|--------------------------|-----------------|-------|-----------|----------|---|
| 42    | 42110 - Planted Red Pine | Sapling Poor    | 4.4   | 6         | Immature | <p>[9/28/09 BB] Stand is now on proposal, 41-008-09 High Rollways Pine, Unit 8, 4 acres. No Residual FTP C41-1443 submitted for red pine planting</p> <p>[7/19/11 AP] Sale is now closed, TCR date is 7/18/11. Cut spring 2011. Stand is on regeneration timeclock.</p> <p>(6/10/2013 AP): Stand was trenched and then planted in spring 2013. Regen check scheduled for 2014.</p> <p>Year 1 regen counts were 905 red pine. a walkthrough was done in year 3 and everything was fine. FTP is being kept open for herbicide work.</p> <p>(7/20/2016 AP) Stand was sprayed with Velpar 6/26/2016 via helicopter.</p> |
| 43    | 42110 - Planted Red Pine | Poletimber Well | 4.7   | 58        | 81-110   | <p>[9/28/09 BB] Stand is now on proposal, 41-008-09 High Rollways Pine, Unit 7, 4 acres. Residual Basal Area = red pine 90 sq ft, jack pine 13 sq ft</p> <p>[7/19/11 AP] Sale is now closed, TCR date is 7/18/11. Cut spring 2011.</p>  |
| 44    | 42110 - Planted Red Pine | Poletimber Well | 2.0   | 58        | 111-140  | <p>[9/28/09 BB] Stand is now on proposal, 41-008-09 High Rollways Pine, Unit 7, 2 acres. Residual Basal Area = red pine 130 sq ft</p> <p>[7/19/11 AP] Sale is now closed, TCR date is 7/18/11. Cut spring 2011.</p>   |
| 46    | 42110 - Planted Red Pine | Poletimber Well | 105.4 | 60        | 111-140  | <p>[9/28/09 BB] Stand is now on proposal, 41-008-09 High Rollways Pine, Unit 10,11, 107 acres. Residual Basal Area = red pine 113 sq ft</p> <p>[7/19/11 AP] Sale is now closed, TCR date is 7/18/11. Cut spring 2011.</p>   |
| 47    | 42110 - Planted Red Pine | Sapling Poor    | 4.4   | 6         | Immature | <p>[9/28/09 BB] Stand is now on proposal, 41-008-09 High Rollways Pine, Unit 8, 4 acres. No Residual FTP C41-1443 submitted for red pine planting</p> <p>[7/19/11 AP] Sale is now closed, TCR date is 7/18/11. Cut spring 2011. Stand is on regeneration timeclock.</p> <p>(6/10/2013 AP): Stand was trenched and then planted in spring 2013. Regen check scheduled for 2014.</p> <p>Year 1 regen counts were 905 red pine. a walkthrough was done in year 3 and everything was fine. FTP is being kept open for herbicide work.</p> <p>(7/20/2016 AP) Stand was sprayed with Velpar 6/26/2016 via helicopter.</p> |
| 48    | 4130 - Aspen             | Sapling Well    | 12.8  | 26        | Immature |   |
| 49    | 42110 - Planted Red Pine | Poletimber Well | 25.8  | 60        | 81-110   | <p>[9/28/09 BB] Stand is now on proposal, 41-008-09 High Rollways Pine, Unit 9, 24 acres. Residual Basal Area = red pine 71 sq ft, additional scattered trees marked in green</p> <p>[7/19/11 AP] Sale is now closed, TCR date is 7/18/11. Cut spring 2011.</p>   |



| Stand | Level 4 Cover Type                      | Size Density    | Acres | Stand Age | BA Range | General Comments:  |
|-------|---|-----------------|-------|-----------|----------|--|
| 50    | 4130 - Aspen                            | Sapling Well    | 21.6  | 26        | Immature |  |
| 51    | 4130 - Aspen                            | Poletimber Poor | 12.8  | 42        | 1-50     |  |
| 54    | 4130 - Aspen                            | Sapling Medium  | 13.8  | 17        | Immature | Sale was cut summer 2001, Wide Spread Aspen and TSI'd 2001.  |
| 55    | 4130 - Aspen                            | Sapling Well    | 14.9  | 26        | Immature |  |
| 56    | 4112 - Maple, Beech, Cherry Association | Poletimber Well | 6.1   | 73        | 81-110   |  |
| 57    | 4112 - Maple, Beech, Cherry Association | Poletimber Well | 49.1  | 86        | 81-110   | Sale thinned summer 2000, 41-046-99-01   |
| 58    | 4112 - Maple, Beech, Cherry Association | Poletimber Well | 2.3   | 69        | 81-110   | [9/28/09 BB] Stand is now on proposal, 41-008-09 High Rollways Pine, Unit 11, 2 acres. Residual Basal Area = red maple 85 sq ft<br><br>[7/19/11 AP] Sale is now closed, TCR date is 7/18/11. Cut spring 2011.  |
| 59    | 4130 - Aspen                            | Sapling Well    | 17.1  | 17        | Immature |  |
| 61    | 4112 - Maple, Beech, Cherry Association | Poletimber Well | 2.5   | 68        | 81-110   |  |
| 65    | 4130 - Aspen                            | Sapling Well    | 11.1  | 26        | Immature |  |
| 67    | 42110 - Planted Red Pine                | Sapling Poor    | 13.1  | 6         | Immature | OPIC - FMD: Stand is a plantation. There is a 1/2 chain strip of red pine included in the middle as well. In addition there is some red pine on the east side and on the south. Stand is healthy now but should be cut. Convert stand to red pine after stand is cut. The future stand will include jack pine volunteers that occur naturally within the new plantation. Retention will be a component of the red pine on the east side. The soils are Kalkaska and the Habitat Type is PARVAa<br><br>[9/28/09 BB] Stand is now on proposal, 41-008-09 High Rollways Pine, Unit 12, 12 acres. Residual Basal Area = red pine 5 sq ft FTP C41-1443 submitted for red pine planting<br><br>[7/19/11 AP] Sale is now closed, TCR date is 7/18/11. Cut spring 2011. Stand is on regeneration timeclock.<br>(6/10/2013 AP): Stand was trenched and then planted in spring 2013. Regen check scheduled for 2014.<br><br>Year 1 regen counts were 872 red pine, year 3 counts were 783 red pine. FTP is being kept open for herbicide work.<br><br>(7/20/2016 AP) Stand was sprayed with Velpar 6/26/2016 via helicopter. |

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Shingleton Mgt. Unit

## Report 7 – Forested Stands

Compartment: 59  
Year of Entry: 2019

|    | Level 4<br>Cover Type                       | Size<br>Density  | Acres | Stand<br>Age | BA<br>Range | General<br>Comments:  |
|----|---|------------------|-------|--------------|-------------|---|
| 68 | 42101 - Planted White Pine, Mixed Deciduous | Sawtimber Medium | 5.4   | 90           | 51-80       | 41-046-99-01; 5 actual acres, Stand cut fall 2000, stand ready for TSI<br>[1/17/03 BB] Stand was TSI'd in the summer of 2002.   |
| 69 | 4112 - Maple, Beech, Cherry Association     | Poletimber Well  | 8.5   | 68           | 51-80       |   |
| 71 | 42210 - Natural Red Pine                    | Poletimber Well  | 11.0  | 76           | 111-140     | 41-046-99-01; Sale cut spring 2000, 13 actual acres   |
| 72 | 4130 - Aspen                                | Sapling Poor     | 4.9   | 8            | Immature    | [6/8/17 TI] Stand is starting to fill in with aspen and red maple.<br>[9/28/09 BB] Stand is now on proposal, 41-007-09 Goliath Again, Unit 9, 5 acres. Residual Basal Area = beech 3 sq ft, white pine 5 sq ft<br>[2-10-10 JS] A 2" spec was added to the sale and no FTP was submitted. I dropped the 4-1-1 cult codes here so this stand doesn't show up in a cult work query.<br>[12/13/2010 bb] Sale was cut in the summer 2010, sale is now closed. TCR Date 12/6/2010 |
| 74 | 4130 - Aspen                                | Sapling Well     | 4.8   | 17           | Immature    | Sale cut and TSI'd summer 2001 Widespread Aspen.  |
| 75 | 4130 - Aspen                                | Sapling Well     | 1.7   | 17           | Immature    |   |



| Stand | Cover Type                 | Acres | Managed Site | General Comments:   |
|-------|----------------------------|-------|--------------|---|
| 3     | 6229 - Mixed lowland shrub | 73.7  | No           | Brace Creek.  |
| 18    | 122 - Road/Parking Lot     | 3.1   | No           |   |
| 19    | 622 - Lowland Shrub        | 0.8   | No           | OPIC - FMD: Stand is a beaver pond along Brace Creek. Soils are Carbondale, Lupton, Tawas Muck  |
| 22    | 122 - Road/Parking Lot     | 2.3   | No           | OPIC - FMD: High-Rollways Truck Trail and R-O-W   |
| 24    | 330 - Low-Density Trees    | 10.4  | Yes          |   |
| 424   | 330 - Low-Density Trees    | 3.0   | Yes          |   |
| 439   | 330 - Low-Density Trees    | 1.4   | Yes          | Stand is filling in with jack pine and red maple.   |
| 452   | 310 - Herbaceous Openland  | 298.0 | Yes          | <p>OPIC - FMD: Burned spring 2000, burn propagated a lot of aspen and jack pine. It didn't kill all the stuff that was there prior to burn including jack pine inclusions. The stand still has trees that the fire did not kill as well as a new flush of trees. The adjacent stand 53 is being converted back to grass with a chipping operation, include this stand as part of that job and what ever is not chipped can be cut down by inmates. The soils are Rubicon and the Habitat Type is PArV</p> <p>Pre-review discussion led to prescribing all the stands in this compartment and adjacent so the entire block can be managed at the same time. The intent is to try and accomplish the job by chipping, however after the job is chipped it will be burned. If the burning cannot be accomplished inmates will remove the rest of the trees manually.</p> <p>[9/30/09 BB] Sale is now on proposal, Roll-O-Ways Chips 35-09.<br/>(10/1/2015) stand was harvested with Roll-O-Way chips and was burned in spring of 2015.</p> |