



# Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41099

Entry Year 2020

Acreage: 1,171

County Delta

Management Area: Lake Michigan Shoreline

---

**Revision Date:** 2018-07-16

**Stand Examiner:** Adam Petrelius

**Legal Description:**

T38N R19W Sections 23, 24, 26, 27, 34, 35

**Identified Planning Goals:**

Multiple resource management for current and future generations.

**Soil and topography:**

The topography within the compartment is mostly flat. Slight elevation changes occur with values ranging from 581-650 feet. The majority of the compartment is dominated by mixed stands of aspen, birch, and balsam fir. Stands bordering the Lake Michigan shoreline are mostly cedar. The major soil types found, in order of abundance, are Limestone Rock Land, Summerville, and Eastport. Additional soils found are Alpena, Ensign, Duel, Rubicon, and Ruse. Habitat types within the compartment, in order of abundance, are Unclassified (Limestone Rock Land), PArVAa, AFOA, PVE, Unclassified Lowland, and ATFD. It lies within the Garden Outcrop Land Type Association, and the Lake Michigan Shoreline Management Area.

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

State land within this compartment was acquired between 1907 and 1986. Only the northern boundary is bordered by state land. The rest is surrounded by private land and Lake Michigan. The northern portion is accessed from 10th road through a public easement acquired by the DNR. The southern portion has no legal access. Private ownership surrounding the compartment is mostly large blocks of ownership with 6 different owners. Even though access is limited in the southern portion, both areas receive heavy use during deer season. Problems associated with this include littering and ORV damage

**Unique Natural Features:**

This compartment contains unique ecosystems and species which contribute towards the biodiversity of landscape. It is home to a variety of rare plants associated with alvar and shoreline habitats. All three types of special management areas are found here, Special Conservation Areas (SCA), High Conservation Value Areas (HCVA), and Ecological Reference Areas (ERA). The entire compartment is categorized as a SCA for deer wintering complex. It also contains a designated Coastal Environmental Area (HCVA). Alvar ecosystems (ERA) are also found within the northern and southern portions of the compartment. Areas of cedar along the Lake Michigan shoreline are also classified as potential old growth.

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

None known.

**Special Management Designations or Considerations:**

Forest management activities are planned and implemented to prevent damage and strengthen the quality of the unique ecosystems and species located within the compartment.

**Watershed and Fisheries Considerations:**

The northern sub-section of this compartment contains Sucker Lake. 100' plus 5' per 1% increase in slope; buffers are recommended to protect shoreland areas adjacent to these waterbodies in accordance with Best Management Practices. Note: Buffers may not apply when conducting treatments for the control of invasive species (i.e., phragmites). The eastern regions of this compartment border Lake Michigan.

**Wildlife Habitat Considerations:**

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

An active sand/gravel pit is located less than two miles to the northwest, in Section 15. There may be some sand & gravel potential and there is good limestone/dolostone potential within the compartment. There is no known metallic mineral potential in this area, and there is no history of mineral leasing. There is no commercial oil and gas production in the UP.

**Vehicle Access:**

The compartment is split into 2 portions. The northern portion can be accessed from 10th Road. At the end of 10th road access is east along a forest road which the DNR holds a public easement. Access to the southern portion is from JJ Road. Once JJ road ends, travel south along a forest road ½ mile to the compartment boundary. The southern portion can also be accessed from the west and south through a system of privately owned forest roads. There is no legal access for the DNR to manage the southern portion of the compartment.

**Survey Needs:**

Survey work may be needed within the compartment prior to timbersale preparation.

**Recreational Facilities and Opportunities:**

There are no recreational facilities located within the compartment. Opportunities for hunting, fishing, and other forms of recreational activity exist within or adjacent to this compartment.

**Fire Protection:**

Response time to fires within this compartment from the Thompson field office will be slow. Fayette State Park, located within 5 miles, has a small engine with qualified firefighters and can be dispatched if needed. The compartment receives little use throughout fire season and a lightening caused fire is more likely than a human caused fire. Weather conditions here are typically cooler with higher humidity values than other areas of the management unit. Lake Michigan can be used as a water source if needed.

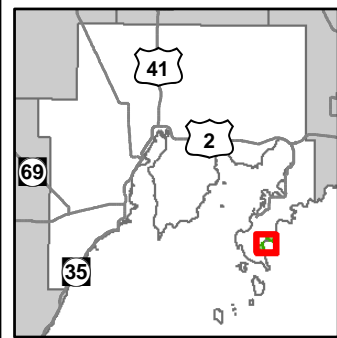
**Additional Compartment Information:****The following reports from the Inventory are attached:**

- 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:**

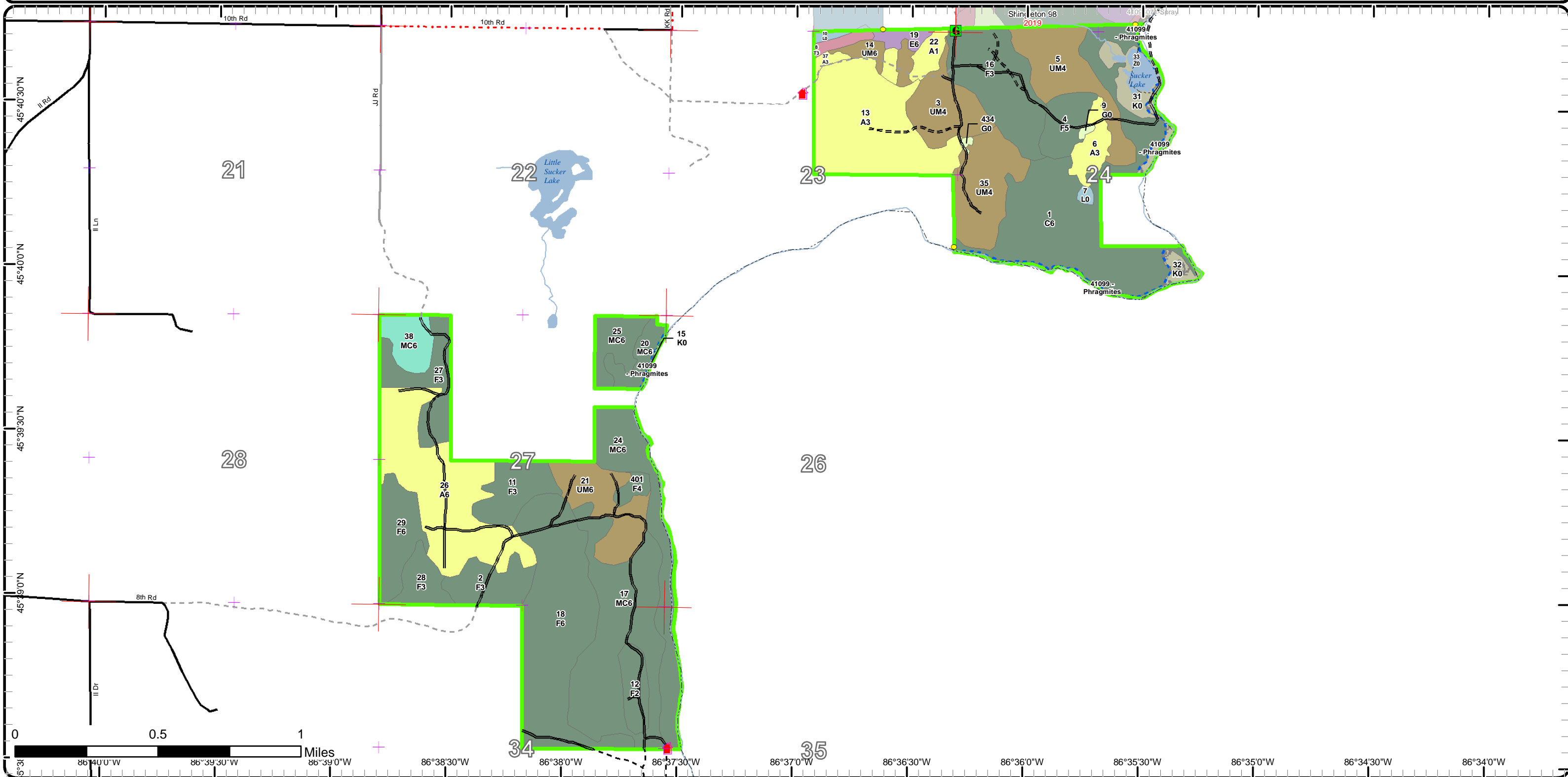
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatments Map

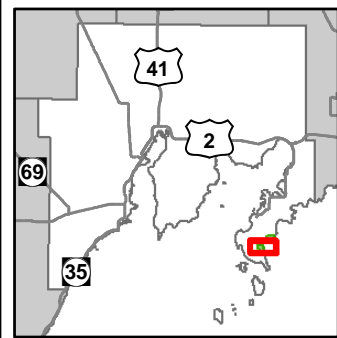


Compartment: 99  
 T38N, R19W, Sec: 23, 24, 26, 27,  
 34, 35  
 County: Delta  
 Unit: Shingleton  
 Mgmt Area: Lake Michigan  
 Shoreline  
 YOE: 2020  
 Acres: 1,171 GIS Calculated  
 Examiner: Adam Petrelius  
 Map Revised: 12/17/2018  
 Map Phase: Post Review

- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- Private - Paved Road
- Private - Dirt / Gravel Road
- Unspecified Structure
- G Gate
- Structures
- Island in Lake or River
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers All
- Compartment Boundary
- Treatments with Site Conditions
- Pesticide
- 413 - Aspen
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub
- 720 - Exposed Rock
- Lakes

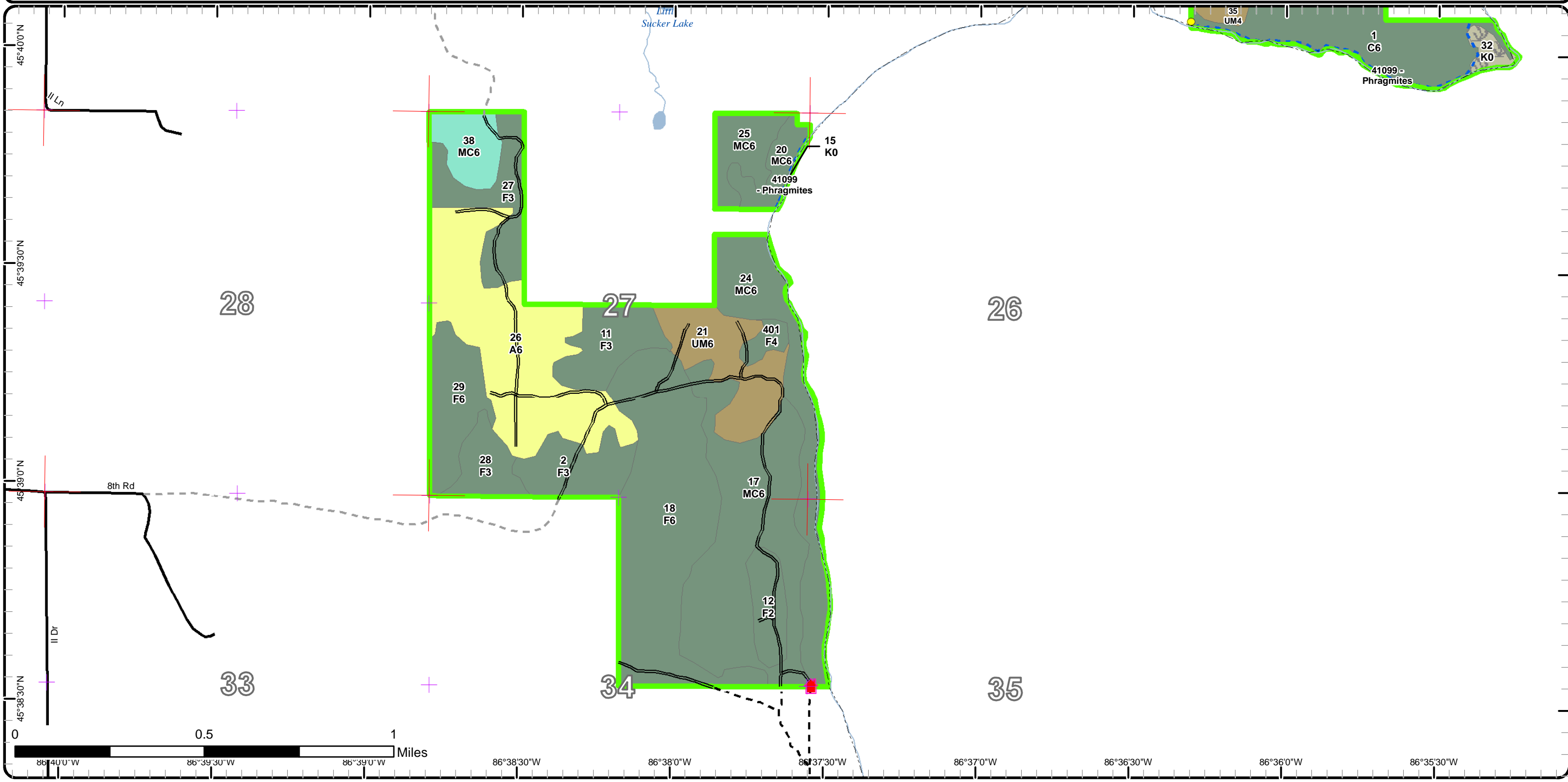


# Cover Type & Treatments Map

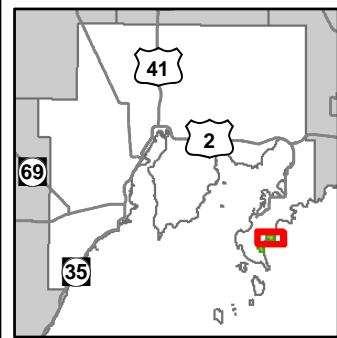


Compartment: 99  
 T38N, R19W, Sec: 23, 24, 26, 27, 34, 35  
 County: Delta  
 Unit: Shingleton  
 Mgmt Area: Lake Michigan Shoreline  
 YOE: 2020  
 Acres: 1,171 GIS Calculated  
 Examiner: Adam Petrelus  
 Map Revised: 12/17/2018  
 Map Phase: Post Review

- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- Private - Dirt / Gravel Road
- 🏠 Unspecified Structure
- 🏠 Structures
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers All
- Compartment Boundary
- Treatments with Site Conditions
- Pesticide
- 413 - Aspen
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 720 - Exposed Rock
- Lakes

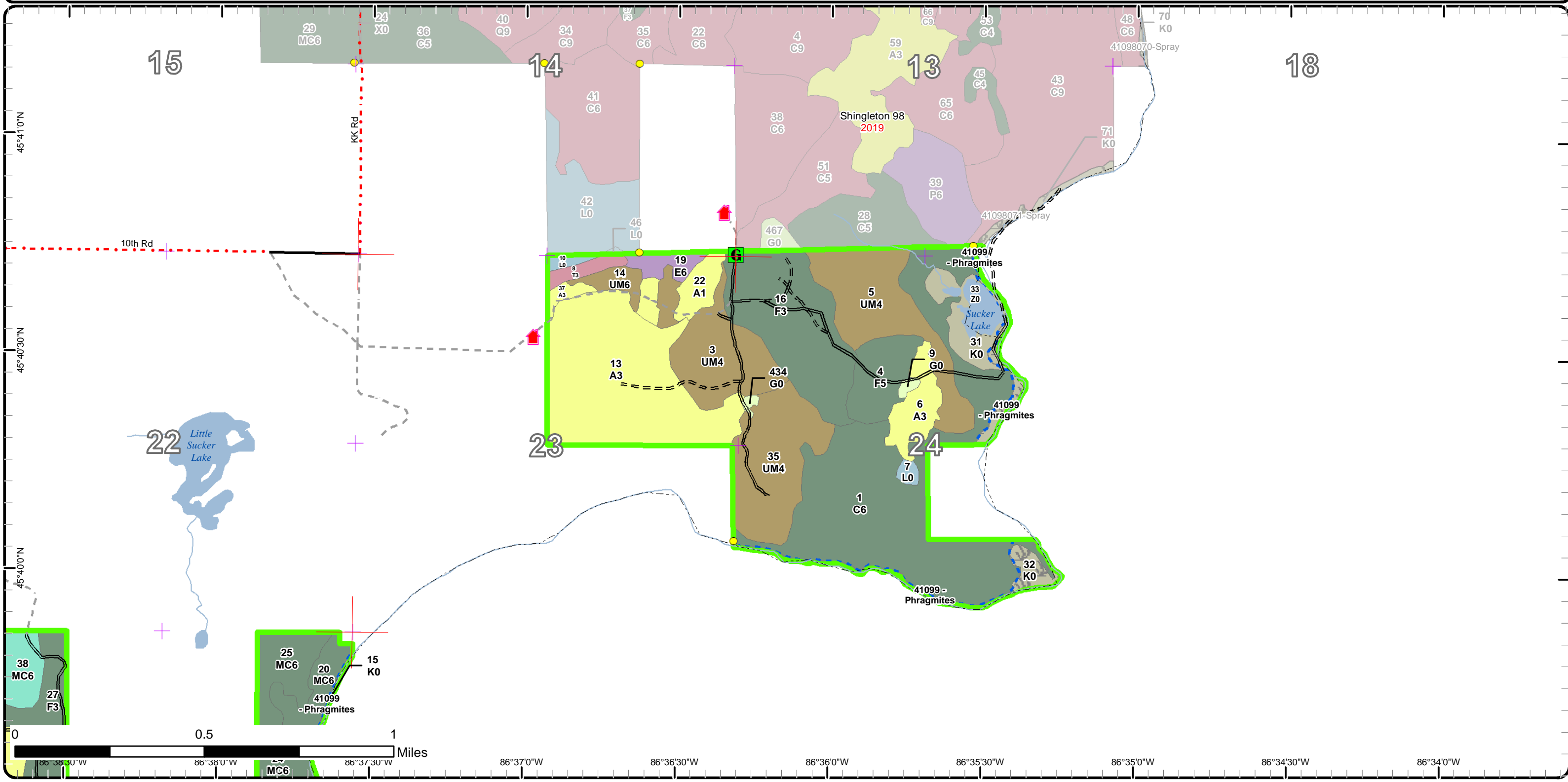


# Cover Type & Treatments Map



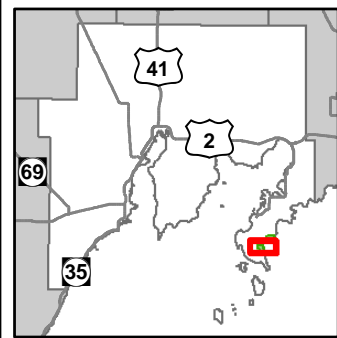
Compartment: 99  
 T38N, R19W, Sec: 23, 24, 26, 27,  
 34, 35  
 County: Delta  
 Unit: Shingleton  
 Mgmt Area: Lake Michigan  
 Shoreline  
 YOE: 2020  
 Acres: 1,171 GIS Calculated  
 Examiner: Adam Petrelus  
 Map Revised: 12/17/2018  
 Map Phase: Post Review

- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- Unspecified Structure
- Gate
- Structures
- Island in Lake or River
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers All
- Compartment Boundary
- Treatments with Site Conditions
- Pesticide
- 413 - Aspen
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub
- 720 - Exposed Rock
- Lakes



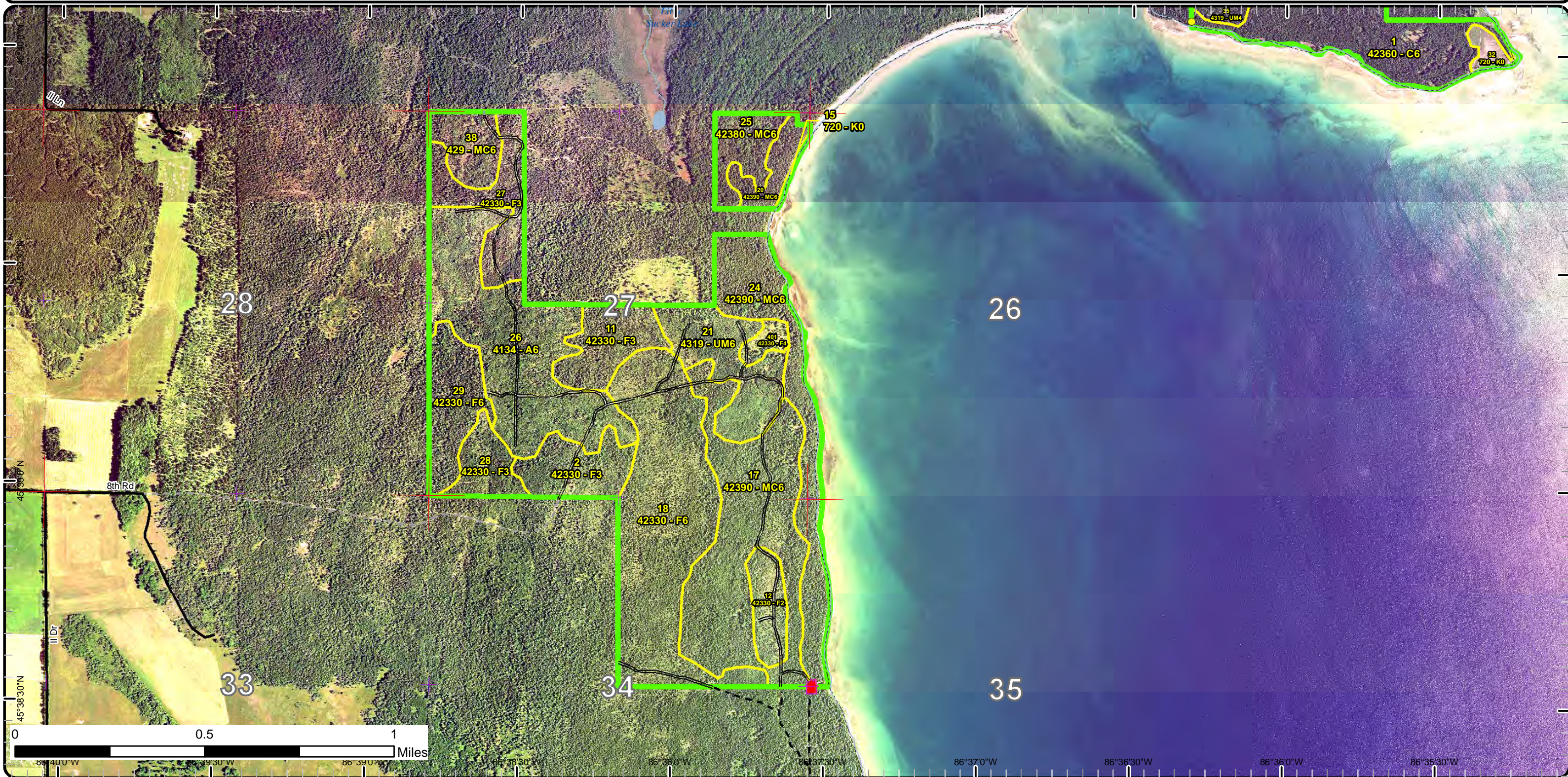


# Stand Boundary Map



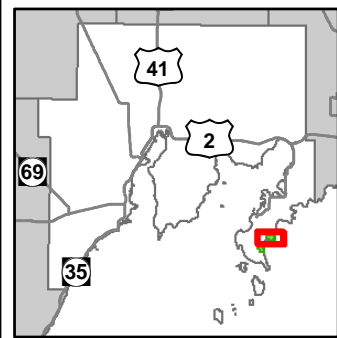
Compartment: 99  
 T38N, R19W, Sec: 23, 24, 26, 27, 34, 35  
 County: Delta  
 Unit: Shingleton  
 Mgmt Area: Lake Michigan Shoreline  
 YOE: 2020  
 Acres: 1,171 GIS Calculated  
 Examiner: Adam Petrelus  
 Map Revised: 12/17/2018  
 Map Phase: Post Review

- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- Private - Dirt / Gravel Road
- Unspecified Structure
- Structures
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers All
- Compartment Boundary
- Stand Boundaries
- 413 - Aspen
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 720 - Exposed Rock



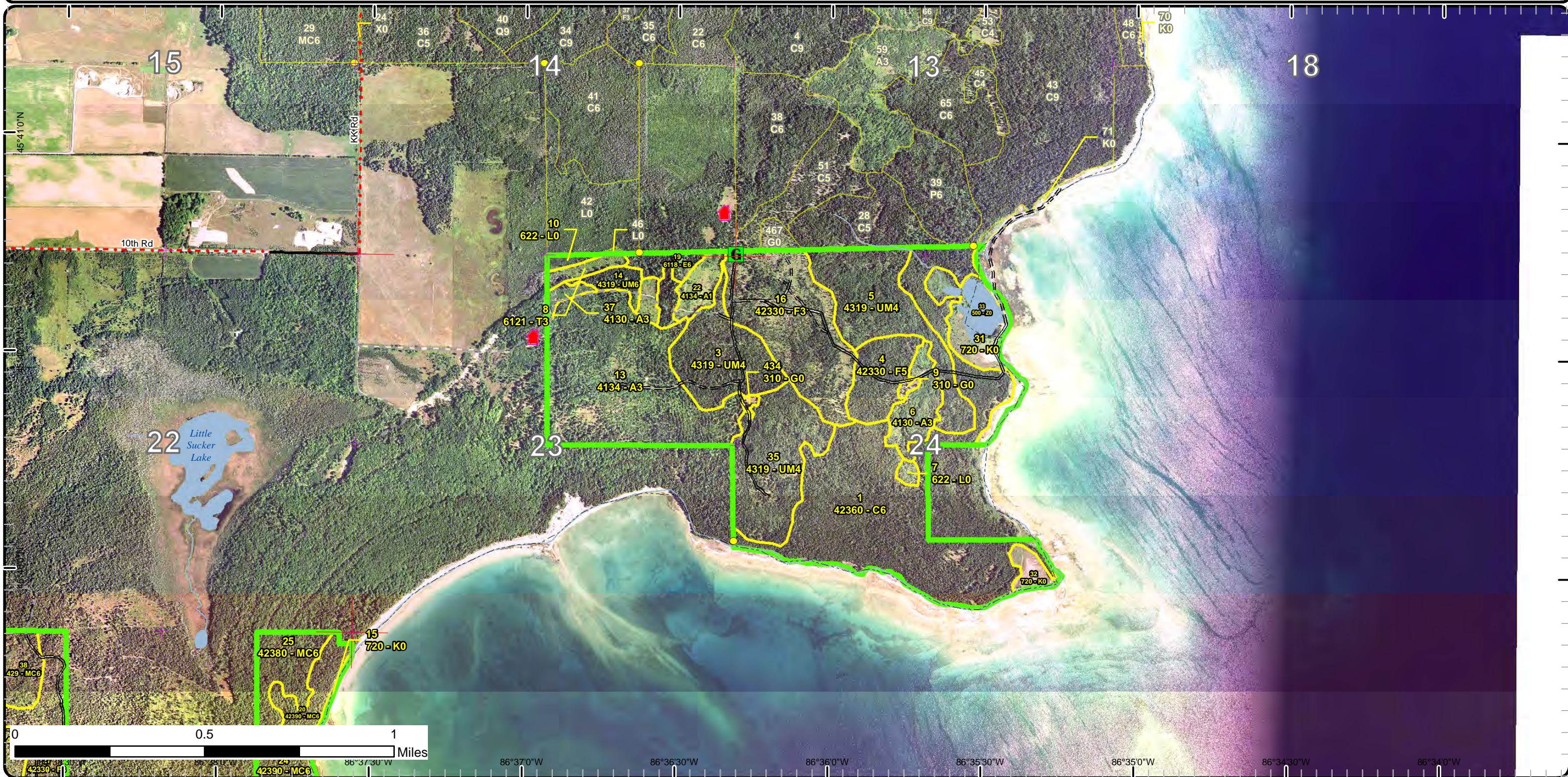


# Stand Boundary Map



Compartment: 99  
 T38N, R19W, Sec: 23, 24, 26, 27, 34, 35  
 County: Delta  
 Unit: Shingleton  
 Mgmt Area: Lake Michigan Shoreline  
 YOE: 2020  
 Acres: 1,171 GIS Calculated  
 Examiner: Adam Petrelus  
 Map Revised: 12/17/2018  
 Map Phase: Post Review

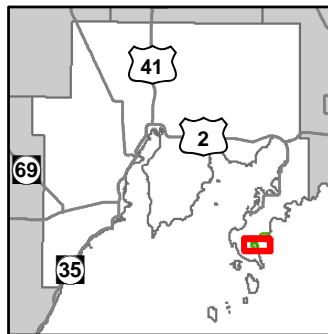
- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- Unspecified Structure
- Gate
- Structures
- Island in Lake or River
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers All
- Compartment Boundary
- Stand Boundaries
- 413 - Aspen
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub
- 720 - Exposed Rock



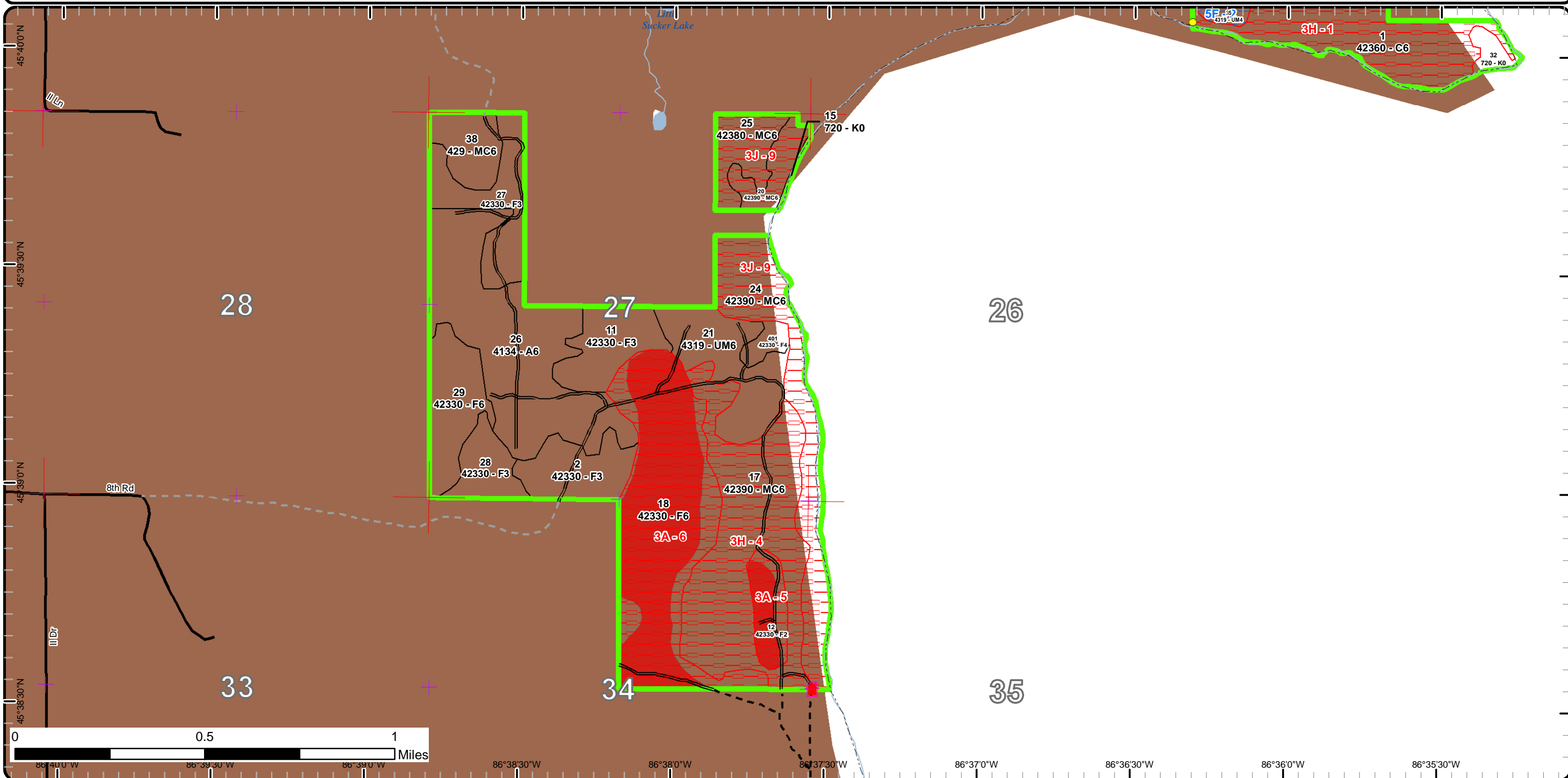


# Special Conservation Areas & Site Conditions Map

Compartment: 99  
 T38N, R19W, Sec: 23, 24, 26, 27, 34, 35  
 County: Delta  
 Unit: Shingleton  
 Mgmt Area: Lake Michigan Shoreline  
 YOE: 2020  
 Acres: 1,171 GIS Calculated  
 Examiner: Adam Petrelius  
 Map Revised: 12/17/2018  
 Map Phase: Post Review



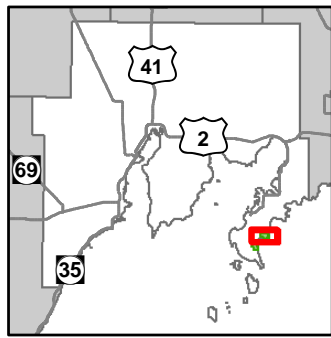
- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- Private - Dirt / Gravel Road
- Unspecified Structure
- Structures
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers All
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 3A: Conservation Values incompatible with harvest at this time
- 3J: Water quality / BMPs (stream, river, or lake)
- Stand Boundaries
- Ecological Reference Areas
- Deer Winter Range



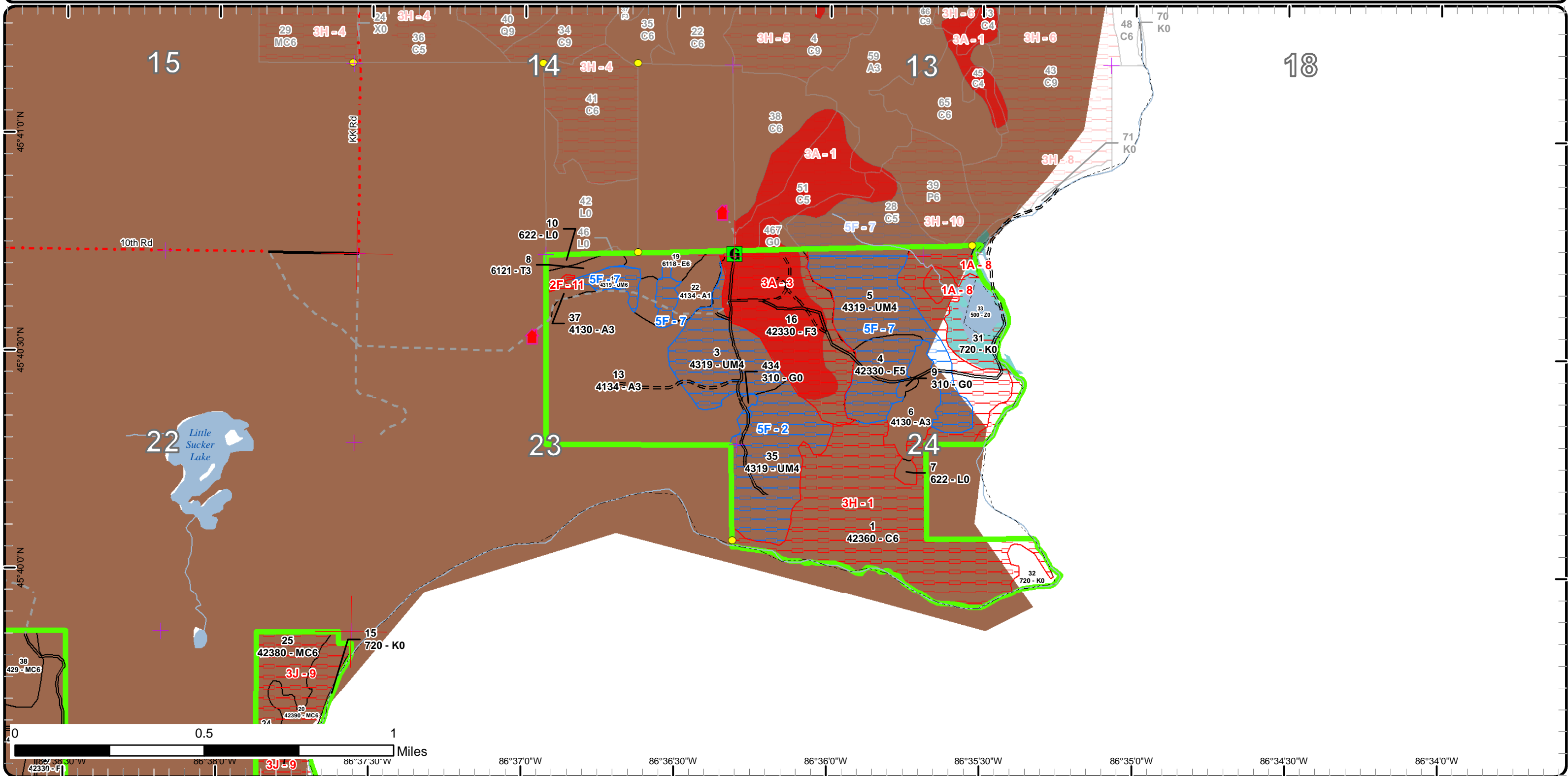


# Special Conservation Areas & Site Conditions Map

Compartment: 99  
 T38N, R19W, Sec: 23, 24, 26, 27, 34, 35  
 County: Delta  
 Unit: Shingleton  
 Mgmt Area: Lake Michigan Shoreline  
 YOE: 2020  
 Acres: 1,171 GIS Calculated  
 Examiner: Adam Petrelis  
 Map Revised: 12/17/2018  
 Map Phase: Post Review



- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- Unspecified Structure
- Gate
- ▲ Structures
- Island in Lake or River
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers All
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 1A: Federal/State/Local Law
- 2F: Too steep
- 3A: Conservation Values incompatible with harvest at this time
- 3J: Water quality / BMPs (stream, river, or lake)
- Stand Boundaries
- Ecological Reference Areas
- Coastal Environmental Areas





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          | 16        | 109        | 0         | 102        | 0          | 0        | 0        | 0          | 0          | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0           | 227         |
| Cedar               | 0          | 0         | 0          | 0         | 0          | 0          | 0        | 0        | 0          | 136        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0           | 136         |
| Exposed Rock        | 29         | 0         | 0          | 0         | 0          | 0          | 0        | 0        | 0          | 0          | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0           | 29          |
| Herbaceous Openland | 2          | 0         | 0          | 0         | 0          | 0          | 0        | 0        | 0          | 0          | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0           | 2           |
| Lowland Deciduous   | 0          | 0         | 0          | 0         | 0          | 0          | 0        | 0        | 7          | 0          | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0           | 7           |
| Lowland Shrub       | 4          | 0         | 0          | 0         | 0          | 0          | 0        | 0        | 0          | 0          | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0           | 4           |
| Tamarack            | 0          | 5         | 0          | 0         | 0          | 0          | 0        | 0        | 0          | 0          | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0           | 5           |
| Upland Conifers     | 0          | 0         | 0          | 0         | 19         | 0          | 0        | 0        | 104        | 0          | 95        | 0        | 0        | 0        | 0        | 0        | 0        | 0           | 217         |
| Upland Mixed Forest | 0          | 0         | 0          | 0         | 41         | 140        | 0        | 0        | 0          | 0          | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0           | 181         |
| Upland Spruce/Fir   | 0          | 0         | 0          | 44        | 264        | 51         | 0        | 0        | 0          | 0          | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0           | 358         |
| Water               | 6          | 0         | 0          | 0         | 0          | 0          | 0        | 0        | 0          | 0          | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0           | 6           |
| <b>Total</b>        | <b>41</b>  | <b>21</b> | <b>109</b> | <b>44</b> | <b>426</b> | <b>191</b> | <b>0</b> | <b>0</b> | <b>111</b> | <b>136</b> | <b>95</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b>    | <b>1172</b> |





## Report 2 – Treatment Summary

**Shingleton Mgt. Unit**  
**Year of Entry: 2020**

**Acres of Harvest**

**Compartment 99**  
**Total Compartment Acres: 1,171**

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

**Proposed and Next Step Treatments by Method**

|                  | Harvest  | Site Prep | Planting | Seeding  | Burning  | Pesticide | Monitoring | Other    | Non-Forest Mgt. | Total Acres |
|------------------|----------|-----------|----------|----------|----------|-----------|------------|----------|-----------------|-------------|
| <b>Current</b>   | 0        | 0         | 0        | 0        | 0        | 20        | 0          | 0        | 0               | <b>20</b>   |
| <b>Next Step</b> | 0        | 0         | 0        | 0        | 0        | 0         | 20         | 0        | 0               | <b>20</b>   |
| <b>Total</b>     | <b>0</b> | <b>0</b>  | <b>0</b> | <b>0</b> | <b>0</b> | <b>20</b> | <b>20</b>  | <b>0</b> | <b>0</b>        | <b>40</b>   |





S  
t  
a  
n  
d

| Treatment Name        | Acres | Stand CoverType    | Size Density | Stand Age | BA Range    | Treatment Type | Treatment Method | Cover Type Objective | Age Structure | Approval Status      |
|-----------------------|-------|--------------------|--------------|-----------|-------------|----------------|------------------|----------------------|---------------|----------------------|
| 31 41099 - Phragmites | 19.8  | 720 - Exposed Rock | Nonstocked   |           | Unspecified | Pesticide      | Other - Specify  | 720 - Exposed Rock   |               | Draft Field Boundary |

**Habitat Cut: No**      **Site Condition: Federal/State/Local Law**

Prescription Spray are for phragmites following appropriate guidelines.

Specs:

Next Step Monitoring, Invasive Species

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 8 /10/2017

---

**Total Treatment Acreage Proposed: 19.8**



## Report 4 – Site Conditions

Shingleton Mgt. Unit  
Adam Petrelius : Examiner

Compartment: 99  
Year of Entry: 2020

### Availability for Management

|       |           |                       |               |
|-------|-----------|-----------------------|---------------|
| Total | Acres     | <b>Acres Avail</b>    | Acres         |
| Acres | Available | <b>With Condition</b> | Not Available |

### Dominant Site Conditions

|       | Total | Acres | <b>Acres Avail</b> | Acres | Dominant Site Conditions | Dominant Site Conditions |    |    |     |     |    |
|-------|-------|-------|--------------------|-------|--------------------------|--------------------------|----|----|-----|-----|----|
|       |       |       |                    |       |                          | 5F                       | 1A | 2F | 3A  | 3H  | 3J |
| 226   | 225   | 0     | 1                  |       | Aspen                    | 0                        |    | 1  | 0   |     |    |
| 136   | 0     | 0     | 136                |       | Cedar                    | 0                        |    |    |     | 136 |    |
| 29    | 6     | 0     | 23                 |       | Exposed Rock             |                          | 22 |    |     | 0   | 1  |
| 2     | 2     | 0     | 0                  |       | Herbaceous Openland      |                          |    |    |     |     |    |
| 7     | 7     | 0     | 0                  |       | Lowland Deciduous        |                          |    |    |     |     |    |
| 4     | 4     | 0     | 0                  |       | Lowland Shrub            |                          |    |    |     |     |    |
| 5     | 0     | 0     | 5                  |       | Tamarack                 |                          |    | 5  |     |     |    |
| 217   | 19    | 0     | 198                |       | Upland Conifers          |                          |    |    |     | 104 | 94 |
| 180   | 41    | 139   | 0                  |       | Upland Mixed Forest      | 139                      |    |    | 0   |     |    |
| 358   | 141   | 20    | 197                |       | Upland Spruce/Fir        | 20                       |    |    | 197 |     |    |
| 6     | 0     | 0     | 6                  |       | Water                    |                          | 6  |    |     |     |    |
| 1,171 | 446   | 159   | 566                |       | Total Forested Acres     | 159                      | 27 | 6  | 197 | 240 | 96 |
|       | 38%   | 14%   | 48%                |       | 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                     | 3H: Deer Wintering Area - habitat is incompatible with harvest at this time | 137   | Unspecified          | Unspecified          | Unspecified          | Unspecified          |
| <b>Comments:</b>   |                                 |   |       |                      |                      |                      |                      |
| 2  | Available                       | 5F: Evaluated for Forest Health Considerations                              | 82    | Unspecified          | Unspecified          | Unspecified          | Unspecified          |
| <b>Comments:</b><br>mostly 1 and 2 stick fir. few pockets of mature fir exist. some areas have cedar that is too thick to operate. |                                 |   |       |                      |                      |                      |                      |



Report 4 – Site Conditions

Shingleton Mgt. Unit  
Adam Petrelius : Examiner

Compartment: 99  
Year of Entry: 2020

|  |             |   |     |             |             |             |             |
|--|-------------|---|-----|-------------|-------------|-------------|-------------|
| 3  | Unavailable | 3A: Conservation Values incompatible with harvest at this time              | 60  | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments:  |             |   |     |             |             |             |             |
| 4  | Unavailable | 3H: Deer Wintering Area - habitat is incompatible with harvest at this time | 104 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments:  |             |   |     |             |             |             |             |
| 5  | Unavailable | 3A: Conservation Values incompatible with harvest at this time              | 17  | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments:  |             |   |     |             |             |             |             |
| 6  | Unavailable | 3A: Conservation Values incompatible with harvest at this time              | 121 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments:<br>ERA   |             |   |     |             |             |             |             |
| 7  | Available   | 5F: Evaluated for Forest Health Considerations                              | 73  | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments:<br>Fir is 1 to 2 sticks on average. Too many small diameter trees for salvage harvest. |             |   |     |             |             |             |             |
| 8  | Unavailable | 1A: Federal/State/Local Law   | 27  | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments:<br>Coastal Environmental Area  |             |   |     |             |             |             |             |

**Report 4 – Site Conditions**

**Shingleton Mgt. Unit**  
**Adam Petrelius : Examiner**

**Compartment: 99**  
**Year of Entry: 2020**

|   |                    |  |    |                                  |   |             |             |
|---|--------------------|--|----|----------------------------------|---|-------------|-------------|
| 9 | <b>Unavailable</b> | <b>3J: Water quality / BMPs (stream, river, or lake)</b> | 96 | 3D: Recreational / Scenic values | 3H: Deer Wintering Area - habitat is incompatible with harvest at this time | Unspecified | Unspecified |
|---|--------------------|--|----|----------------------------------|---|-------------|-------------|

**Comments:**

|    |                    |                      |   |                         |             |             |             |
|----|--------------------|----------------------|---|-------------------------|-------------|-------------|-------------|
| 11 | <b>Unavailable</b> | <b>2F: Too steep</b> | 1 | 5E: Long-Term Retention | Unspecified | Unspecified | Unspecified |
|----|--------------------|----------------------|---|-------------------------|-------------|-------------|-------------|

**Comments:**  
Trees on top of ridge were left during previous harvest because it was too steep and WLD wanted some mature conifers on top of ridge for deer bedding areas.



Mgt. Unit

Compartment: #Type!

Year of Entry:



## Report 5 – PROPOSED SPECIAL CONSERVATION AREA\* (SCA) DETAILS

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

| SCA Name | SCA Category | Detail Type | Recommendation | Acres |
|----------|--------------|-------------|----------------|-------|
|----------|--------------|-------------|----------------|-------|

---

Comments

---



**Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS**

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

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

| Conservation Area | Type                        | Description  |
|-------------------|-----------------------------|--|
| SCA               | Habitat Area                | An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.  |
| HCVA              | Coastal Environmental Areas | The public designation process is defined by Part 323, Shorelands Protection and Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451. The program is administered by the Michigan Department of Environmental Quality (DEQ). This is an inactive program with no new areas currently under consideration by the DEQ.  |
| ERA               | Ecological Reference Areas  | Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form. |





| Stand | Level 4 Cover Type                     | Size Density      | Acres | Stand Age | BA Range | General Comments:   |
|-------|--|-------------------|-------|-----------|----------|---|
| 1     | 42360 - Upland Cedar                   | Poletimber Well   | 136.3 | 89        | 111-140  |   |
| 2     | 42330 - Upland Fir                     | Sapling Well      | 26.3  | 28        | 1-50     |   |
| 3     | 4319 - Mixed Upland Forest             | Poletimber Poor   | 35.2  | 48        | 51-80    |   |
| 4     | 42330 - Upland Fir                     | Poletimber Medium | 19.9  | 44        | 1-50     |   |
| 5     | 4319 - Mixed Upland Forest             | Poletimber Poor   | 46.5  | 44        | 81-110   | possible harvest next YOE   |
| 6     | 4130 - Aspen                           | Sapling Well      | 15.0  | 15        | 1-50     | [1/23/04 BB] Sale is now closed, cedar was saved within the paint line, Aspen was TSI'd as part of the cut, most was cut. Stand is to far away for inmates to do any additional work.   |
| 8     | 6121 - Tamarack                        | Sapling Well      | 5.1   | 6         | 1-50     | [4/27/10 BB] Stand is now on proposal, 11-10-01 Scared Cayote. Actual prepared acreage is 6. Residual Basal Area = White Pine 10sq ft, hemlock 12 sq ft Unit 1[8/31/2012 TI] Sale is closed. TCR date 2/20/2012.  |
| 11    | 42330 - Upland Fir                     | Sapling Well      | 26.9  | 35        | 1-50     |   |
| 12    | 42330 - Upland Fir                     | Sapling Medium    | 16.5  | 35        | 1-50     |   |
| 13    | 4134 - Aspen, Spruce/Fir               | Sapling Well      | 93.7  | 15        | 1-50     |   |
| 14    | 4319 - Mixed Upland Forest             | Poletimber Well   | 10.8  | 43        | 51-80    | adjacent stands showed poor regeneration following harvest  |
| 16    | 42330 - Upland Fir                     | Sapling Well      | 60.0  | 33        | Immature | Temporary camping site and illegal 4 wheeler trails located within stand. Campers also left an outhouse. Referred to LED. Found again this YOE and referred. FTP 1452, Glossy Buckthorn removal is cancelled. 10 years ago there was a report of 1 plant onsite somewhere in this compartment. That plant was never located and FTP is cancelled. |
| 17    | 42390 - Mixed Non-Pine Upland Conifers | Poletimber Well   | 103.5 | 77        | 51-80    |   |
| 18    | 42330 - Upland Fir                     | Poletimber Well   | 120.6 | 37        | 1-50     |   |
| 19    | 6118 - Lowland Deciduous with Cedar    | Poletimber Well   | 6.9   | 73        | 81-110   |   |
| 20    | 42390 - Mixed Non-Pine Upland Conifers | Poletimber Well   | 13.8  | 97        | 111-140  |   |



|     | Level 4<br>Cover Type                            | Size<br>Density | Acres | Stand<br>Age | BA<br>Range | General<br>Comments:  |
|-----|--|-----------------|-------|--------------|-------------|---|
| 21  | 4319 - Mixed Upland Forest                       | Poletimber Well | 40.9  | 31           | 1-50        |   |
| 22  | 4134 - Aspen, Spruce/Fir                         | Sapling Poor    | 12.6  | 6            | 1-50        | [4/27/10 BB] Stand is now on proposal, 11-10-01 Scared Cayote. Actual prepared acreage is 8. Residual Basal Area = scattered white birch leave trees. Unit 3<br><br>[8/31/2012 TI] Sale is closed. TCR date 2/20/2012.<br><br>Regeneration success is spotty. Aspen and fir are present in most areas however open pockets do exist within the stand. It was decided at the 2020 YOE review that these open areas hold important wildlife attributes in a compartment lacking open land areas. Existence and maintenance of these open areas is acceptable and desired into the future. |
| 24  | 42390 - Mixed Non-Pine Upland Conifers           | Poletimber Well | 60.9  | 97           | 81-110      |   |
| 25  | 42380 - Non Pine Upland Conifer, Mixed Deciduous | Poletimber Well | 19.8  | 97           | 81-110      |   |
| 26  | 4134 - Aspen, Spruce/Fir                         | Poletimber Well | 101.8 | 34           | 51-80       |   |
| 27  | 42330 - Upland Fir                               | Sapling Well    | 33.5  | 38           | 1-50        |   |
| 28  | 42330 - Upland Fir                               | Sapling Well    | 17.2  | 29           | 1-50        |   |
| 29  | 42330 - Upland Fir                               | Poletimber Well | 31.4  | 40           | 1-50        |   |
| 35  | 4319 - Mixed Upland Forest                       | Poletimber Poor | 46.9  | 42           | 1-50        |   |
| 37  | 4130 - Aspen                                     | Sapling Well    | 3.3   | 6            | 1-50        | [4/27/10 BB] Stand is now on proposal, 11-10-01 Scared Cayote. Actual prepared acreage is 3. Unit 2<br><br>[8/31/2012 TI] Sale is closed. TCR date 2/20/2012.   |
| 38  | 429 - Mixed Upland Conifers                      | Poletimber Well | 19.2  | 35           | 1-50        |   |
| 401 | 42330 - Upland Fir                               | Poletimber Poor | 5.9   | 35           | 1-50        |   |





| Stand | Cover Type                | Acres | Managed Site | General Comments:  |
|-------|---------------------------|-------|--------------|--|
| 7     | 622 - Lowland Shrub       | 2.0   | No           |  |
| 9     | 310 - Herbaceous Openland | 1.2   | No           | OPIC - FMD: SCA-Deeryard. Illegal blind located within stand referred to LED.  |
| 10    | 622 - Lowland Shrub       | 2.4   | No           | OPIC - FMD: SCA-Deeryard.  |
| 15    | 720 - Exposed Rock        | 1.0   | No           |  |
| 31    | 720 - Exposed Rock        | 21.8  | No           |  |
| 32    | 720 - Exposed Rock        | 5.9   | No           |  |
| 33    | 500 - Water               | 5.6   | No           | OPIC - FMD: HCVA - Coastal Environmental Area, SCA - Deeryard. Potential Old Growth. Lake Michigan shoreline.                                  |
| 434   | 310 - Herbaceous Openland | 1.0   | No           | OPIC - FMD: SCA-Deeryard. Bald knob of grass. Stand is being used as a temporary camp location. Shooting lanes have been cut. Referred to LED. |